

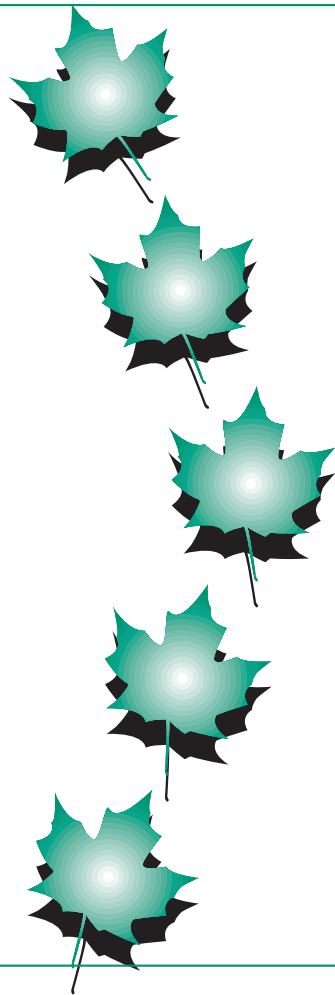


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Intellectual Property  
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**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

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**Canada**

CIPO  OPIC

# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

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

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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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Téléphone : (819) 997-2985 (de 8h à 16h45 HNE)

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

## 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:

- Abstracts of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- 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.

Numéro sans frais Amérique du Nord: 1-800-567-1914

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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## Avis

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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 :

none

### 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. 1,155,250 which issued on October 10, 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

aucun

### 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 10 octobre 1983 sont maintenant expirés, jusque et y compris le no. 1,155,250. 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 JUNE 01, 2000

#### BARÈME DE TAXES À PARTIR DU 1 JUIN 2000

FEES	AMOUNTS \$
1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b> (Rule 15.2(a)) Amount for each additional sheet over 30	630.00 15.00
3. <b>Designation Fee:</b> (Rule 15.2(a)) 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	136.00

**4. International Search Fee** 1,353.00  
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 or Euro Dollars. They should be paid directly to the European Patent Office in Munich but may now be filed in the Canadian Receiving Office.

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

TAXES	MONTANTS \$
1. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b> (Règle 15.2(a)) Montant pour chaque feuille au delà de 30	630,00 15,00
3. <b>Taxe de désignation</b> (par pays) (Règle 15.2(a)) 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 \$.	136,00

**4. Taxe de recherche internationale** 1 353,00  
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 en Deutsche Marks ou en Euro Dollars. Elles doivent être payées à l'Office européen des brevets mais peuvent être payées au Office Receveur de Canada.

\*Les frais seront réduits par 197,00 \$ 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>.

### 15. Avis PCT

#### **Exigences des signatures du PCT**

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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>.

## Avis

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

The Patent Office Record of October 10, 2000 contains laid-open applications from September 17, 2000 - September 23, 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 17 septembre 2000 - 23 septembre 2000.

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[54] **COMPOSITION PARTICULAIRE ASSOUPLEISSANTE A ECOULEMENT CONTINU DISPERSABLE DANS L'EAU ET SON PROCEDE DE FABRICATION**  
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[73] THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY, U.S. DEPARTM, US  
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[54] **METHODE AND APPARATUS FOR MEASURING PROPERTIES OF A MULTI-PHASE FLUID**  
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[73] DOW CORNING CORPORATION, US  
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[73] SHELL CANADA LIMITED, CA  
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[54] **APPAREIL SERVANT A REMPLACER AUTOMATIQUEMENT UNE BOBINE D'ENROULEMENT PLEINE PAR UN NOUVEAU TUBE D'ENROULEMENT, ET METHODE CONNEXE**  
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[11] **2,033,972**  
[13] C

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[72] Le Bell, Jean, FI  
[72] Westerlund, Ulf, FI  
[72] Narhi, Erkki, FI  
[73] Roctex Oy Ab, FI  
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[86] 1990-06-05 (PCT/FI90/00153)  
[87] (WO90/15181)  
[30] FI (892751) 1989-06-05

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[13] C

[51] **Int.Cl. 5B61H 11/08**  
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[54] **REGULATEUR ELECTROPNEUMATIQUE POUR COMPRESSEUR D'AIR**  
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[72] Hatzikazakis, Michael V., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
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[13] C

[51] **Int.Cl. 5B05D 3/10 5B05D 7/02 5B05D 7/14 5B05D 7/24**  
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[54] **METHOD OF BONDING SILICONE ELASTOMER TO A SUBSTRATE**  
[54] **METHODE DE COLLAGE D'UN ELASTOMERE DE SILICONE SUR UN SUPPORT**  
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[72] Wolf, Andreas T. F., BE  
[73] Dow Corning S.A., BE  
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[13] C

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[54] **PROCEDE CHIMIQUE**  
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[72] Steven, Rachel A., GB  
[73] IMPERIAL CHEMICAL INDUSTRIES PLC, GB  
[22] 1991-03-27  
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[11] **2,039,662**  
[13] C

[51] **Int.Cl. 5B22D 11/06 5B22D 11/08 5B22D 11/16**  
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[54] **STRIP CASTING**  
[54] **INSTALLATION DE COULEE DE BANDES DE METAL ET METHODE CONNEXE**  
[72] Fukase, Hisahiko, AU  
[72] Kato, Heiji, JP  
[72] Nomura, Akihiro, AU  
[73] BHP STEEL (JLA) PTY. LTD., AU  
[73] ISHAKAWAJIMA-HARIMA HEAVY INDUSTRIES COMPANY LIMITED, JP  
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[30] AU (PJ9458) 1990-04-04

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[13] C

[51] **Int.Cl. 5B65B 9/12**  
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[54] **A FORMING DEVICE IN PACKAGING MACHINES**  
[54] **DISPOSITIF DE FORMAGE POUR MACHINES A EMBALLER**  
[72] Månsson, Henrik, SE  
[72] Lundmark, Dennis, SE  
[73] TETRA LAVAL HOLDINGS & FINANCE, S.A., CH  
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[51] **Int.Cl. 5G06F 3/033**  
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[54] **APPAREIL DE TRAITEMENT D'INFORMATIONS**  
[72] Tanaka, Hidekazu, JP  
[73] SONY CORPORATION, JP  
[22] 1991-06-05  
[30] JP (P156671/90) 1990-06-14

[11] **2,045,132**  
[13] C

[51] **Int.Cl. 5F16K 17/20 5F16K 41/10**  
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[54] **VANNE DE REGLAGE UNIVERSELLE**  
[72] Novakovic, Milic, YU  
[73] URO NOVA TECHNOLOGIES INC., CA  
[85] 1991-06-28  
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[11] **2,049,727**  
[13] C

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[72] Leeman, Donald G., US  
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[54] DISPOSITIF OPTIQUE SERVANT A DECLER LA PRESENCE DU PAPIER ET METHODE CONNEXE  
[72] Rogers, Richard E., US  
[72] Turvy, Larry D., Jr., US  
[72] Eberhardt, George J., US  
[72] Loughman, Richard E., US  
[73] NCR Corporation, US  
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[30] US (672,800) 1991-03-21

[11] 2,056,421  
[13] C

[51] Int.Cl. 5A61K 31/685  
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[72] Munder, Gerhard, DE  
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[30] DE (P 39 18 082.4) 1989-06-02

[11] 2,061,374  
[13] C

[51] Int.Cl. 5G11B 23/32 5G11B 7/00  
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[54] METHODE DE PRODUCTION D'UN FROMAGE ET DE SA PREPARATION EN VUE DE SA DISTRIBUTION  
[72] Sponholtz, Per, DK  
[73] TETRA LAVAL HOLDINGS & FINANCE, S.A., CH  
[22] 1991-10-24  
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[51] Int.Cl. 5B01J 29/04 5B01D 53/36  
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[72] Sekizawa, Kazuhiko, JP  
[73] Tosoh Corporation, JP  
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[73] WASHINGTON UNIVERSITY, US  
[85] 1992-01-14  
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[13] C

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[73] Union Carbide Chemicals and Plastic Company Inc., US  
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[30] US (7-611,080) 1990-11-09

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[13] C

[51] Int.Cl. 5F01C 3/02 5F02B 53/00  
[25] EN  
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[54] MOTEUR ROTATIF TOROIDAL A HYPER-EXPANSION, COMPRESSEUR, EXTENSEUR, POMPE ET METHODE  
[72] Chomyszak, Stephen M., US  
[73] Mechanology, US  
[85] 1992-02-03  
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[30] US (531,501) 1990-05-31

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[13] C

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[54] **DERIVES DU CARBOSTYRILE ET LEURS UTILISATIONS**  
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[72] Tanaka, Tatsuyoshi, JP  
[72] Kikuchi, Tetsuro, JP  
[72] Tottori, Katsura, JP  
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[54] **LATEX STABLES A BASE DE POLYBUTADIENE**  
[72] Weih, Mark A., US  
[72] Czarnecki, Gregory J., US  
[72] Kucera, Helmut W., US  
[73] Lord Corporation, US  
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[54] **PROCESS AND DEVICE FOR ADJUSTING PICTURES**  
[54] **PROCEDE ET DISPOSITIF DE REGLAGE D'IMAGE**  
[72] Gleim, Günter, DE  
[72] Heizmann, Friedrich, DE  
[72] Chauvin, Jacques, DE  
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[13] C

[51] **Int.Cl. 5B09B 3/00**  
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[73] Connecticut Agricultural Experiment Station (The), US  
[22] 1992-08-07  
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[54] **MODELING PASTE COMPOSITION AND PREPARATION PROCESS OF SAME**  
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[73] Jouets Bô-Jeux Toys Inc., CA  
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[13] C

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[54] **CODAGE RESTREINT POUR LA TVHD**  
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[72] Knauer Scott Carroll, US  
[72] Petajan, Eric David, US  
[72] Kustka, George J., US  
[72] Matthews, Kim Nigel, US  
[72] Netravali, Arun Narayan, US  
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[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US  
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[13] C

[51] **Int.Cl. 5C07H 21/00 5A61K 48/00 5C07H 19/04 5A61K 31/70**  
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[54] **2'-O-ALKYLNUCLEOTIDES AS WELL AS POLYMERS WHICH CONTAIN SUCH NUCLEOTIDES**  
[54] **2'-O-ALKYLNUCLEOTIDES AINSI QUE POLYMERES QUI CONTIENNENT DE CES NUCLEOTIDES**  
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[73] Europäisches Laboratorium für Molekularbiologie, DE  
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[13] C

[51] **Int.Cl. 5B01D 27/00 5B01D 27/10**  
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[54] **FILTER FOR FUELS OR LUBRICANTS OF AN INTERNAL COMBUSTION ENGINE**  
[54] **FILTRE DESTINE AUX CARBURANTS OU AUX LUBRIFIANTS D'UN MOTEUR A COMBUSTION INTERNE**  
[72] Habiger, Heinz, DE  
[72] Jaineck, Herbert, DE  
[72] Oelpke, Reinhard, DE  
[72] Poldner, Erich, DE  
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[51] **Int.Cl. 5C25C 3/08**  
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[72] Juric, Drago D., AU  
[72] Shaw, Raymond W., AU  
[72] Houston, Geoffrey J., AU  
[72] Coad, Ian A., AU  
[73] Comalco Aluminium Limited, AU  
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[54] **APPAREIL DE VISUALISATION INTRAVASCULAIRE AVEC CABLE GUIDEUR; METHODES D'UTILISATION ET DE FABRICATION**  
[72] Sieben, Wayne, US  
[73] BOSTON SCIENTIFIC LIMITED, BB  
[22] 1993-02-22  
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[51] **Int.Cl. 5H04N 1/21 5H04N 1/46 5H04N 9/80**  
[25] EN  
[54] **METHOD OF RECORDING PICTURE INFORMATION, RECORD CARRIER, AND PICTURE RETRIEVAL AND REPRODUCTION DEVICE FOR READING THE RECORD CARRIER**  
[54] **METHODE D'ENREGISTREMENT D'IMAGES, SUPPORT D'ENREGISTREMENT ET DISPOSITIF D'EXTRACTION ET DE REPRODUCTION D'IMAGES ENREGISTREES**  
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[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
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[54] **CARTONS D'EMBALLAGE ET DECOUPES**  
[72] Campbell, Geoffrey, GB  
[73] Riverwood International Limited, GB  
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[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DU CANCER ET POUR PREDIRE LES REACTIONS A LA THERAPIE ANTICANCEREUSE**  
[72] Bacus, Sarah S., US  
[72] Yarden, Yosef, US  
[72] Sela, Michael, US  
[73] BECTON, DICKINSON AND COMPANY, US  
[73] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL  
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[86] 1992-08-21 (PCT/US92/07117)  
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[30] US (07/767,041) 1991-09-27  
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[13] C  
[51] **Int.Cl. 5B05C 17/005**  
[25] EN  
[54] **MEMBER FOR DISPENSING A TWO-COMPONENT MASS FROM A TOOL SEPARATELY DISCHARGING THE COMPONENTS**  
[54] **ELEMENT POUR LA DISTRIBUTION D'UNE MATIERE A DEUX COMPOSANTS A PARTIR D'UN OUTIL LIBERANT SEPAREMENT LES COMPOSANTS**  
[72] Kopp, Volker, DE  
[72] Moser, Werner, CH  
[72] Kortenkamp, Jurgen, AT  
[73] Hilti Aktiengesellschaft, LI  
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[51] **Int.Cl. 5C02F 1/50 5A01N 59/16**  
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[54] **BACTERICIDES DIVALENTS A OXYDE D'ARGENT**  
[72] Antelman, Marvin S., IL  
[73] N. Jonas & Co., Inc., US  
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[51] **Int.Cl. 5C12N 15/86 5A61K 48/00 5C12N 5/10 5C12N 15/11**  
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[54] **PARTICULES VIRALES AYANT UNE SPECIFICITE D'HOTE MODIFIEE**  
[72] Yee, Jiing-Kuan, US  
[72] Emi, Nobuhiko, JP  
[72] Friedman, Theodore, US  
[72] Jolly, Douglas J., US  
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[73] CHIRON CORPORATION, US  
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[87] (WO92/14829)  
[30] US (658,632) 1991-02-19

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[13] C  
[51] **Int.Cl. 6C07K 7/18 6A61K 38/08 5C07D 207/16**  
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[54] **PEPTIDES ANTAGONISTES DE LA BRADYKININE**  
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[72] Hiner, Roger N., US  
[73] SCIOS INC., US  
[85] 1993-09-22  
[86] 1992-04-16 (PCT/US92/03033)  
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[30] US (687,959) 1991-04-19  
[30] US (866,246) 1992-04-14

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[25] EN  
[54] **THERMOPLASTIC POLYURETHANE ELASTOMER, PROCESS FOR PRODUCING SAME, APPARATUS FOR PRODUCING SAME AND ELASTOMER FIBERS MADE FROM SAME**  
[54] **ELASTOMERE THERMOPLASTIQUE DE POLYURETHANE, PROCEDE ET APPAREIL POUR SA PRODUCTION, ET FIBRES ELASTOMERIQUES TIREES DE CET ELASTOMERE**  
[72] Ogawa, Yasuhiro, JP  
[72] Sagawa, Kenzo, JP  
[72] Kitano, Takahiro, JP  
[72] Yamashita, Michiya, JP  
[72] Yamada, Tadaaki, JP  
[72] Yamauchi, Toshio, JP  
[73] Kanebo, Ltd., JP  
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[30] JP (190,707/1991) 1991-07-03  
[30] JP (282,151/1991) 1991-10-01  
[30] JP (79,001/1992) 1992-02-29

[11] **2,115,856**  
[13] C

[51] **Int.Cl. 5G01J 3/36**  
[25] EN  
[54] **GROUPING OF SPECTRAL BANDS FOR DATA ACQUISITION IN A SPECTROPHOTOMETER**  
[54] **GROUPEMENT DE BANDES SPECTRALES POUR LA SAISIE DE DONNEES DANS UN SPECTROPHOTOMETRE**  
[72] Lundberg, Peter L., US  
[72] Crockett, Michael I., US  
[72] Tracy, David H., US  
[73] PERKIN-ELMER CORPORATION (THE), US  
[22] 1994-02-17  
[30] US (028,515) 1993-03-09

[11] **2,116,374**  
[13] C

[51] **Int.Cl. 5F16K 41/00**  
[25] EN  
[54] **LOW TORQUE BACK SEATING STEM FOR GATE VALVE**  
[54] **ROBINET-VANNE A PORTEE D'ETANCHEITE ARRIERE A FAIBLE COUPLE**  
[72] Jones, Taylor L., US  
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[22] 1994-02-24  
[30] US (08/091,091) 1993-07-12

[11] **2,117,371**  
[13] C

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[54] **MEDICAMENT ABAISSANT LE TAUX DE CHOLESTEROL**  
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[72] Sato, Shuji, JP  
[73] Hisamitsu Pharmaceutical Co., Inc., JP  
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[30] JP (Hei 4-24531) 1992-01-14

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[13] C

[51] **Int.Cl. 5G06F 15/80**  
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[54] **MECANISME D'ADDITION D'ADRESSES DE RETOUR POUR SYSTEME DE TRAITEMENT PARALLELE**  
[72] Oda, Minoru, JP  
[73] NEC CORPORATION, JP  
[22] 1994-08-16  
[30] JP (204812/1993) 1993-08-19

[11] **2,122,589**  
[13] C

[51] **Int.Cl. 5G01V 1/38 5G01V 1/137**  
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[72] Jenkins, Philip J., US  
[73] INPUT/OUTPUT, INC., US  
[85] 1994-04-29  
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[87] (WO94/06033)  
[30] US (07/937,596) 1992-08-31

[11] **2,123,806**  
[13] C

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[73] DEPUY ORTHOPAEDICS, INC., US  
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[87] (WO93/09733)  
[30] US (07/793,860) 1991-11-18

[11] **2,126,648**  
[13] C

[51] **Int.Cl. 5A61K 33/26 5A21D 2/02 5B01J 13/04 5A61K 9/127 5A23C 9/152 5A61K 47/24**  
[25] EN  
[54] **LIPOSOMES CONTAINING BIOAVAILABLE IRON (II) AND METHOD FOR OBTAINING THEM**  
[54] **LIPOSOMES RENFERMANT DU FER (II) BIODISPONIBLE; METHODE DE PREPARATION**  
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[72] Hager, Alfredo Adolfo, AR  
[73] Ferroni, Juan Carlos, AR  
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[13] C

[51] **Int.Cl. 5H04B 1/40**  
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[54] **RECEPTEUR RADIO**  
[72] Panther, Gyles, CA  
[73] CELLPOINT TECHNOLOGIES INC., CA  
[22] 1994-07-12  
[30] US (08/246,781) 1994-05-20

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[25] EN  
[54] METHOD AND COMPOSITION  
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MICROORGANISMS INCLUDING  
PERACETIC ACID AND A NON-  
OXIDIZING BIOCID  
[54] METHODE ET COMPOSITION  
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[72] LaZonby, Judy G., US  
[73] Nalco Chemical Company, US  
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[30] US (08/102,286) 1993-08-05

[11] 2,137,823  
[13] C

[51] Int.Cl. 5H05K 3/42  
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[54] METHODE DE FABRICATION DE  
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[72] Knopp, John Frederick David, GB  
[73] MacDERMID INCORPORATED, US  
[85] 1994-12-09  
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[87] (WO93/26145)  
[30] GB (9212395.9) 1992-06-11  
[30] GB (9225895.3) 1992-12-11

[11] 2,138,218  
[13] C

[51] Int.Cl. 5B32B 35/00 5H05K 3/46  
[25] EN  
[54] PROCESS FOR DELAMINATING  
ORGANIC RESIN FROM BOARD AND  
PROCESS FOR MANUFACTURING  
ORGANIC RESIN MULTI-LAYER  
WIRING BOARD  
[54] PROCEDE DE DELAMINAGE DE  
PANNeaux EN RESINE ORGANIQUE;  
PROCEDE POUR L'OBTENTION D'UN  
TABLEAU DE CONNEXIONS EN  
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[72] Tanaka, Shinji, JP  
[72] Ishida, Hisashi, JP  
[72] Hasegawa, Shinichi, JP  
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[73] NEC CORPORATION, JP  
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[11] 2,141,315  
[13] C

[51] Int.Cl. 6H02P 1/26 6H02P 7/62  
[25] EN  
[54] A METHOD OF DETERMINING A  
RESIDUAL FLUX OF AN INVERTER-  
SUPPLIED SQUIRREL CAGE  
INDUCTION MACHINE  
[54] METHODE POUR DETERMINER  
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[72] Tiitinen, Pekka, FI  
[73] ABB Strömberg Drives Oy, FI  
[85] 1995-01-27  
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[13] C

[51] Int.Cl. 6C01B 33/143 6D21H 21/10  
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[25] EN  
[54] SILICA SOLS, A PROCESS FOR  
THE PREPARATION OF SILICA SOLS  
AND USE OF THE SOLS  
[54] SOLS DE SILICE; METHODE DE  
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ET UTILISATION DESDITS SOLS  
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[72] Larsson, Bo, SE  
[72] Lindgren, Erik, SE  
[73] Eka Nobel AB, SE  
[85] 1995-01-31  
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[30] SE (9202502-2) 1992-08-31

[11] 2,142,547  
[13] C

[51] Int.Cl. 6B62D 27/06 6B62D 33/04  
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[54] COUVRE-TONNEAU AVEC  
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[72] Kersting, Benjamin, US  
[72] Weldy, Ross, US  
[73] PENDA CORPORATION, US  
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[11] 2,143,293  
[13] C

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[72] Sugawara, Yuuichi, JP  
[72] Ishihara, Susumu, JP  
[72] Katoh, Ikuo, JP  
[73] TDK Corporation, JP  
[85] 1995-02-23  
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[87] (WO94/05134)  
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[11] 2,143,727  
[13] C

[51] Int.Cl. 6G01V 13/00 6G01V 3/28  
[25] EN  
[54] METHOD AND APPARATUS FOR  
BALANCING THE ELECTRICAL  
OUTPUT OF THE RECEIVER COILS OF  
AN INDUCTION LOGGING TOOL  
[54] METHODE ET DISPOSITIF POUR  
EQUILIBRER LA PUISSANCE  
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[72] Lester, Robert A., US  
[72] Beard, David, US  
[72] Cram, Milton E., US  
[73] WESTERN ATLAS  
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[13] C

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[25] EN  
[54] **ELECTRONIC ALLERGO-SENSITIVITY TEST DEVICE**  
[54] **DISPOSITIF ELECTRONIQUE POUR L'EVALUATION DE LA SENSIBILITE A DES ALLERGENES**  
[72] Milne, Robert Drew, US  
[73] Milne, Robert Drew, US  
[22] 1995-04-03

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[13] C

[51] **Int.Cl. 6H02K 9/02**  
[25] EN  
[54] **STATOR SHIELD FOR A SALIENT POLE MACHINE**  
[54] **BLINDAGE DE STATOR POUR MACHINE A POLES SAILLANTS**  
[72] Vanduyne, Martin, CA  
[73] GENERAL ELECTRIC CANADA INC., CA  
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[11] **2,147,606**  
[13] C

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[54] **COMPOSITION STABLE POUR ADMINISTRATION PAR VOIE ORALE, A LIBERATION PROLONGEE**  
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[72] Liebowitz, Stephen M., US  
[73] SCHERING CORPORATION, US  
[85] 1995-04-21  
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[13] C

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[25] EN  
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[54] **MATIERES MAGNETORHEOLOGIQUES THIXOTROPES**  
[72] Weiss, Keith D., US  
[72] Nixon, Donald A., US  
[72] Carlson, J. David, US  
[72] Margida, Anthony J., US  
[73] Lord Corporation, US  
[85] 1995-04-26  
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[13] C

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[54] **OUTIL DE COUPE PRESENTANT UNE POINTE DURE MUNIE DE BOSSES**  
[72] Massa, Ted R., US  
[72] Prizzi, John J., US  
[73] Kennametal Inc., US  
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[54] **SYSTEME POUR CONFIRMER LA POSITION D'UN TERMINAL MOBILE**  
[72] Yamane, Kazuyasu, JP  
[73] CASIO COMPUTER CO., LTD., JP  
[22] 1995-06-23  
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[54] **PRODUCTION OF CARBON-BASED COMPOSITE MATERIALS AS COMPONENTS OF ALUMINIUM PRODUCTION CELLS**  
[54] **PRODUCTION DE MATERIAUX COMPOSITES A BASE DE CARBONE SERVANT A LA REALISATION DE CELLULES DE PRODUCTION D'ALUMINIUM**  
[72] Sekhar, Jainagesh A., US  
[72] De Nora, Vittorio, BS  
[73] MOLTECH INVENT S.A., LU  
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[13] C

[51] **Int.Cl. 6H02P 7/44 6H02K 15/00 6G01R 33/02 6G01R 31/34**  
[25] EN  
[54] **A METHOD FOR DETERMINING A STATOR FLUX ESTIMATE FOR AN ASYNCHRONOUS MACHINE**  
[54] **METHODE D'ESTIMATION DU FLUX DU STATOR D'UNE MACHINE ASYNCHRONE**  
[72] Heikkilä, Samuli, FI  
[73] ABB Industry Oy, FI  
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[87] (WO94/22213)  
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[54] **A PROCESS FOR PRODUCING HEAVY LUBRICATING OIL HAVING A LOW POUR POINT**  
[54] **PROCEDE POUR LA PRODUCTION D'HUILE BURDE DE GRAISSAGE A POINT D'ECOULEMENT PEU ELEVE**  
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[72] Zones, Stacey I., US  
[73] CHEVRON U.S.A. INC., US  
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[25] EN  
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[54] **SUPPORT ANTI-VIBRATIONS ET AMORTISSEUR DE CHOCS POUR PHARE DE VEHICULE**  
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[73] Betts Industries, Inc., US  
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[72] McInnes, Malcolm Bicknell, AU  
[73] SDS PTY. LTD., AU  
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[87] (WO94/23171)  
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[25] EN  
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[54] **MATERIAU FILTRANT**  
[72] Green, Barrie Edward, GB  
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[51] **Int.Cl. 6B32B 3/12**  
[25] EN  
[54] **PRESTRESSED HONEYCOMB, METHOD AND APPARATUS THEREFOR**  
[54] **MATERIAU ALVEOLAIRE PRECONTRAINTE; METHODE ET APPAREIL CONNEXES**  
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[72] Carder, Reuben C., US  
[72] Woodward, William B., Jr., US  
[72] Reed, Robert R., US  
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[87] (WO94/27814)  
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[51] **Int.Cl. 6H04B 1/18 6H04L 1/20**  
[25] EN  
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[54] **RECEPTEUR RADIO NUMERIQUE**  
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[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
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[13] C  
[51] **Int.Cl. 6A61N 1/30**  
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[54] **SYTEME THERAPEUTIQUE PAR IONOPHORESE**  
[72] Meguro, Yasuo, JP  
[73] Hisamitsu Pharmaceutical Co., Inc., JP  
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[86] 1994-06-08 (PCT/JP94/00932)  
[87] (WO94/28967)  
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[13] C  
[51] **Int.Cl. 6A61N 1/30**  
[25] EN  
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[54] **SYSTEME PORTATIF D'IONOPHORESE**  
[72] Kirk, Karl Dallas, III, US  
[72] Toleman, James Robert, US  
[72] Pandorf, Robert Peter, US  
[72] Cohen, Ellen R., US  
[73] BECTON, DICKINSON AND COMPANY, US  
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[86] 1994-02-18 (PCT/US94/01809)  
[87] (WO94/28965)  
[30] US (08/073,923) 1993-06-08

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[13] C  
[51] **Int.Cl. 6E04C 1/00**  
[25] EN  
[54] **CONCRETE BUILDING BLOCKS**  
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[72] Azar, Tony, CA  
[73] Azar Holdings Ltd., CA  
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[25] EN  
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[54] **ALLIAGE DE FER POUR MOULES UTILISES POUR LE PLASTIQUE**  
[72] Hackl, Gerhard, AT  
[72] Leban, Karl, AT  
[72] Gstettner, Manfred, AT  
[73] Böhler Edelstahl GmbH, AT  
[73] Böhler Ybbstalwerke GmbH, AT  
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[30] AT (A 54/95) 1995-01-16

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[13] C

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[25] EN  
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[54] **DETERMINATION DE CHEMINS PAR CALCUL INCREMENTIEL**  
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[72] Desai, Simon Peter, US  
[72] Tamai, Haruhisa, US  
[73] VISTEON TECHNOLOGIES, LLC, US  
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[13] C

[51] **Int.Cl. 6A61B 6/00**  
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[54] **DETECTEUR NON INVASIF D'ANALYTES DANS LE SANG**  
[72] Parker, Dawood, GB  
[73] Parker, Dawood,  
[85] 1996-03-12  
[86] 1995-08-16 (PCT/GB95/01944)  
[87] (WO96/04840)  
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[11] **2,171,884**  
[13] C

[51] **Int.Cl. 6H01J 29/98 6G09G 1/28**  
[25] EN  
[54] **APPARATUS FOR REDUCING MOIRE INTERFERENCE IN COLOR CATHODE RAY TUBES**  
[54] **DISPOSITIF POUR REDUIRE LE MOIRAGE DANS LES TUBES CATHODIQUES COULEUR**  
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[73] LG Electronics Inc., KR  
[22] 1996-03-15  
[30] KR (P95-05619) 1995-03-17

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[13] C

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[25] EN  
[54] **BUFFER STRUCTURE BETWEEN SILICON CARBIDE AND GALLIUM NITRIDE AND RESULTING SEMICONDUCTOR DEVICES**  
[54] **STRUCTURE TAMPON ENTRE DU CARBURE DU SILICIUM ET DU NITRURE DE GALLIUM ET DISPOSITIFS SEMI-CONDUCTEURS AINSI OBTENUS**  
[72] Edmond, John A., US  
[72] Dmitriev, Vladimir, US  
[72] Irvine, Kenneth, US  
[73] CREE, INC., US  
[85] 1996-05-27  
[86] 1994-11-01 (PCT/US94/13940)  
[87] (WO95/17019)  
[30] US (166,229) 1993-12-13

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[13] C

[51] **Int.Cl. 6C10M 107/00 6A61L 31/00**  
[25] EN  
[54] **LUBRICIOUS COATINGS CONTAINING POLYMERS WITH VINYL AND CARBOXYLIC ACID MOIETIES**  
[54] **REVETEMENTS GLISSANTS RENFERMANT DES POLYMERES AVEC DES FRACTIONS VINYLE ET ACIDE CARBOXYLIQUE**  
[72] Fan, You-Ling, US  
[72] Marlin, Lawrence, US  
[72] Bouldin, Lisa M., US  
[72] Marino, Isabel Maria, US  
[73] UNION CARBIDE CHEMICALS AND PLASTICS TECHNOLOGY CORPORATION, US  
[22] 1996-06-06  
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[13] C

[51] **Int.Cl. 6C08J 9/00**  
[25] EN  
[54] **POLYURETHANE FOAM AND PROCESS FOR PRODUCTION THEREOF**  
[54] **MOUSSE DE POLYURETHANNE ET PROCEDE DE FABRICATION**  
[72] Kuczynski, Edward T., US  
[72] Cicone, Michael J., US  
[73] WOODBRIDGE FOAM CORPORATION, CA  
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[13] C

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[54] **PROCEDE D'ADSORPTION AVEC ALIMENTATION/AVANCE A DEPRESSION ET PURGE**  
[72] Agrawal, Rakesh, US  
[72] Kumar, Ravi, US  
[72] Watson, Charles Franklin, US  
[72] Naheiri, Tarik, US  
[73] Air Products and Chemicals, Inc., US  
[22] 1996-06-24  
[30] US (08/497185) 1995-06-30

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[11] **2,180,789**  
[13] C

[51] **Int.Cl. 6A61F 13/20**  
[25] EN  
[54] **POST FORMED CURVED TAMPON ASSEMBLY**  
[54] **TAMPON COURBE POST-FORME**  
[72] McNelis, Thomas C., US  
[72] Norquest, Robert C., US  
[73] PLAYTEX PRODUCTS, INC., US  
[22] 1996-07-09  
[30] US (08/500,159) 1995-07-11

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[11] **2,181,015**  
[13] C

[51] **Int.Cl. 6A61F 13/30**  
[25] EN  
[54] **SUPPORTING RIM STRUCTURE OF AN OPEN INSERTION END TAMPON APPLICATOR USED TO POST FORM AN INSERTION END OF A TAMPON PLEDGET**  
[54] **BORD DE SUPPORT D'APPLICATEUR DE TAMPON A EXTREMITE D'INSERTION OUVERTE, SERVANT AU POST FORMAGE DE L'EXTREMITE D'INSERTION D'UN TAMPON**  
[72] McNelis, Thomas C., US  
[72] Miller, Michael L., US  
[72] Rejai, Jamshid, US  
[73] PLAYTEX PRODUCTS, INC., US  
[22] 1996-07-11  
[30] US (08/502,715) 1995-07-14

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[11] 2,183,384  
[13] C

[51] Int.Cl. 6B65H 43/06  
[25] EN  
[54] SINGLE STACK HEIGHT SENSOR FOR PLURAL SHEET STACKING BINS SYSTEM  
[54] DETECTEUR DE HAUTEUR D'EMPILADE SIMPLE POUR SYSTEME DE CAISSE D'EMPILAGE DE FEUILLES  
[72] Mandel, Barry P., US  
[72] Daughton, John W., US  
[72] Rizzolo, Charles D., US  
[72] Hower, John D., Jr., US  
[72] Walker, Don S., US  
[73] XEROX CORPORATION, US  
[22] 1996-08-15  
[30] US (004,825) 1995-10-05  
[30] US (585,027) 1996-01-11

[11] 2,183,415  
[13] C

[51] Int.Cl. 6A01N 59/12 6A01N 25/34  
[25] EN  
[54] A NEW SKIN PREPARATION COMPOSITION  
[54] UNE NOUVELLE COMPOSITION ANTIMICROBIENNE POUR LA PEAU  
[72] Hoang, Minh Q., US  
[72] Khan, Mohammad A., US  
[73] BECTON, DICKINSON AND COMPANY, US  
[22] 1996-08-15  
[30] US (08/522,811) 1995-09-01

[11] 2,184,524  
[13] C

[51] Int.Cl. 6B65H 43/06  
[25] EN  
[54] SHEET STACK HEIGHT CONTROL SYSTEM  
[54] SYSTEME DE COMMANDE DE LA HAUTEUR D'EMPILAGE DE FEUILLES  
[72] Mandel, Barry P., US  
[72] Hower, John D., Jr., US  
[73] XEROX CORPORATION, US  
[22] 1996-08-30  
[30] US (585,031) 1996-01-11  
[30] US (004,825) 1995-10-05

[11] 2,184,525  
[13] C

[51] Int.Cl. 6B65H 43/06  
[25] EN  
[54] STACKING HEIGHT ESTIMATION CORRECTION SYSTEM  
[54] SYSTEME DE CORRECTION DE LA HAUTEUR ESTIMEE D'EMPILAGE  
[72] Mandel, Barry P., US  
[72] Daughton, John W., US  
[72] Hower, John D., Jr., US  
[73] XEROX CORPORATION, US  
[22] 1996-08-30  
[30] US (585,081) 1996-01-11  
[30] US (004,825) 1995-10-05

[11] 2,187,285  
[13] C

[51] Int.Cl. 6G01N 30/26  
[25] EN  
[54] APPARATUS/METHOD FOR ELECTROCHEMICALLY MODIFYING CHROMATOGRAPHIC MATERIAL  
[54] APPAREILS ET PROCEDES PERMETTANT DE MODIFIER ELECTROCHIMIQUEMENT UN SYSTEME DE CHROMATOGRAPHIE  
[72] Anderson, James M., Jr., US  
[72] Saari-Nordhaus, Raaidah, US  
[72] Sims, Carl W., US  
[72] Gerner, Yuri E., US  
[73] ALLTECH ASSOCIATES, INC., US  
[85] 1996-10-07  
[86] 1996-03-01 (PCT/US96/02780)  
[87] (WO96/27793)  
[30] US (08/399,706) 1995-03-03  
[30] US (08/609,171) 1996-03-01  
[30] US (08/486,210) 1995-06-07

[11] 2,187,300  
[13] C

[51] Int.Cl. 6A61F 13/46  
[25] EN  
[54] RESILIENT FLUID TRANSPORTING NETWORK FOR USE IN ABSORBENT ARTICLES  
[54] RESEAU RESILIENT DE TRANSPORT DE FLUIDE POUR ARTICLES ABSORBANTS  
[72] Thompson, Hugh Ansley, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-10-07  
[86] 1995-04-28 (PCT/US95/05336)  
[87] (WO95/29656)  
[30] US (08/235,580) 1994-04-29

[11] 2,189,548  
[13] C

[51] Int.Cl. 6D01D 10/00 6A47G 27/02 6D02G 1/16 6D01F 6/62  
[25] EN  
[54] PROCESS FOR MAKING POLY(TRIMETHYLENE TEREPHTHALATE) BULKED CONTINUOUS FILAMENTS, THE FILAMENTS THEREOF AND CARPETS MADE THEREFROM  
[54] PROCEDE DE FABRICATION DE FILS CONTINUS, GONFLANTS, DE POLY(TRIMETHYLENE TEREPHTHALATE), FILS ET TAPIS OBTENUS A PARTIR DE CE PROCEDE  
[72] Werny, Frank, US  
[72] Howell, James Milton, US  
[72] Tung, Wae-Hai, US  
[73] DU PONT (E. I.) DE NEMOURS AND COMPANY, US  
[85] 1996-11-04  
[86] 1995-06-19 (PCT/US95/07759)  
[87] (WO96/00808)  
[30] US (08/268,585) 1994-06-30

[11] 2,191,242  
[13] C

[51] Int.Cl. 6B22D 11/16 6G06F 17/60  
[25] EN  
[54] QUALITY PREDICTION AND QUALITY CONTROL OF CONTINUOUSLY-CAST STEEL  
[54] PREVISION DE LA QUALITE ET ASSURANCE DE LA QUALITE DE L'ACIER COULE EN CONTINU  
[72] Umezawa, Kazushige, JP  
[72] Toh, Takehiko, JP  
[72] Tanaka, Makoto, JP  
[72] Takeuchi, Eiichi, JP  
[72] Inomoto, Takeo, JP  
[73] NIPPON STEEL CORPORATION, JP  
[85] 1996-11-25  
[86] 1996-03-29 (PCT/JP96/00871)  
[87] (WO96/30141)  
[30] JP (7-72092) 1995-03-29

[11] 2,191,389  
[13] C

[51] Int.Cl. 6B27B 25/00  
[25] EN  
[54] CIRCULATING PADDLE BOARD POSITIONING APPARATUS  
[54] APPAREIL DE POSITIONNEMENT DE PLANCHES A PALETTES MOBILES  
[72] Jackson, James G., CA  
[73] CAE ELECTRONICS LTD. CAE ELECTRONIQUE LTEE, CA  
[22] 1996-11-27  
[30] US (60/007,627) 1995-11-28

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[11] **2,191,826**  
[13] C

[51] **Int.Cl. 6B01D 53/26 6B01D 53/22**  
[25] EN  
[54] **PROCESS FOR THE DEHYDRATION OF A GAS**  
[54] **METHODE DE DESHYDRATATION D'UN GAZ**  
[72] Jones, Kenneth, US  
[72] Arrowsmith, Robert James, US  
[73] PERMEA, INC., US  
[22] 1996-12-02  
[30] US (08/569,533) 1995-12-08

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[11] **2,192,863**  
[13] C

[51] **Int.Cl. 6F17C 13/04 6F17C 5/06**  
[25] EN  
[54] **FLUID CYLINDER PRESSURE CHECK VALVE DEVICE**  
[54] **DISPOSITIF A CLAPET DE RETENUE POUR CYLINDRE RENFERMANT UN FLUIDE SOUS PRESSION**  
[72] DeBriac, Thomas Edward, US  
[72] Notaro, John, US  
[72] Sigeti, Raymond Stephen, US  
[73] PRAXAIR TECHNOLOGY, INC., US  
[22] 1996-12-13  
[30] US (08/573,088) 1995-12-15

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[11] **2,195,574**  
[13] C

[51] **Int.Cl. 6B01J 23/40 6B01J 37/02 6C01B 15/029 6B01J 29/076 6C08F 8/08 6C07D 30/12 6B01J 29/89**  
[25] EN  
[54] **OXIDATION CATALYST, PROCESS FOR ITS PREPARATION AND OXIDATION PROCESS USING SAID OXIDATION CATALYST**  
[54] **CATALYSEUR D'OXYDATION, SON PROCEDE DE FABRICATION ET PROCEDE D'OXYDATION UTILISANT CE CATALYSEUR**  
[72] Lingelbach, Peter, DE  
[72] Bassler, Peter, DE  
[72] Harder, Wolfgang, DE  
[72] Eller, Karsten, DE  
[72] Kohl, Veronika, DE  
[72] Dembowski, Jürgen, DE  
[72] Rieber, Norbert, DE  
[72] Müller, Ulrich, DE  
[72] Fischer, Martin, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[85] 1997-01-20  
[86] 1995-07-07 (PCT/EP95/02651)  
[87] (WO96/02323)  
[30] DE (P 44 25 672.8) 1994-07-20

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[11] **2,195,625**  
[13] C

[51] **Int.Cl. 6C12N 15/62 6C07K 19/00**  
[25] EN  
[54] **UBIQUITIN-LYTIC PEPTIDE FUSION GENE CONSTRUCTS, PROTEIN PRODUCTS DERIVING THEREFROM, AND METHODS OF MAKING AND USING SAME**  
[54] **PRODUIT DE RECOMBINAISON PAR FUSION DE GENES DE PEPTIDES LYTIQUES D'UBIQUITINE, PRODUITS EN DERIVANT ET LEUR PROCEDE D'OBTENTION**  
[72] Garbarino, Joan, US  
[72] Jaynes, Jesse, US  
[72] Belknap, William, US  
[73] THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF, US  
[73] DEMETER BIOTECHNOLOGIES, LTD., US  
[85] 1997-01-21  
[86] 1995-07-24 (PCT/US95/09339)  
[87] (WO96/03519)  
[30] US (08/279,472) 1994-07-22

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[11] **2,196,790**  
[13] C

[51] **Int.Cl. 6C12N 15/12 6C07H 21/00 6A61K 48/00 6C07K 19/00 6C12Q 1/00 6C12Q 1/02 6A01K 67/027 6A61K 38/17 6C07K 16/32 6C12Q 1/68 6C07K 14/82 6C12N 15/85**  
[25] EN  
[54] **17Q-LINKED BREAST AND OVARIAN CANCER SUSCEPTIBILITY GENE**  
[54] **GENE DE SUSCEPTIBILITE DU CANCER DU SEIN ET DES OVAIRES, LIE A 17Q**  
[72] Kamb, Alexander, US  
[72] Harshman, Keith D., US  
[72] Shattuck-Eidens, Donna M., US  
[72] Tavtigian, Sean V., US  
[72] Wiseman, Roger W., US  
[72] Futreal, Andrew P., US  
[72] Skolnick, Mark H., US  
[72] Goldgar, David E., US  
[72] Miki, Yoshio, US  
[72] Swenson, Jeff, US  
[73] UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY OF THE DEPARTMENT, US  
[73] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US  
[73] MYRIAD GENETICS, INC., US  
[85] 1997-02-04  
[86] 1995-08-11 (PCT/US95/10203)  
[87] (WO96/05307)  
[30] US (08/289,221) 1994-08-12  
[30] US (08/487,002) 1995-06-07  
[30] US (08/409,305) 1995-03-24  
[30] US (08/483,554) 1995-06-07  
[30] US (08/488,011) 1995-06-07  
[30] US (08/308,104) 1994-09-16  
[30] US (08/348,824) 1994-11-29  
[30] US (08/300,266) 1994-09-02

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[13] C  
[51] **Int.Cl. 6C12N 15/12 6C07H 21/00 6C07K 19/00 6C07K 16/32 6G01N 33/574 6C12Q 1/68 6C07K 14/82**  
[25] EN  
[54] **IN VIVO MUTATIONS AND POLYMORPHISMS IN THE 17Q-LINKED BREAST AND OVARIAN CANCER SUSCEPTIBILITY GENE**  
[54] **POLYMORPHISMES ET MUTATIONS IN VIVO CHEZ LE GENE DE SUSCEPTIBILITE 17Q ASSOCIE AU CANCER DU SEIN ET DES OVAIRES**  
[72] Emi, Mitsuru, JP  
[72] Nakamura, Yusuke, JP  
[72] Durocher, Francine, CA  
[72] Shattuck-Eidens, Donna M., US  
[72] Simard, Jacques, CA  
[73] CENTRE DE RECHERCHE DU CHUL, CA  
[73] MYRIAD GENETICS, INC., US  
[85] 1997-02-04  
[86] 1995-08-11 (PCT/US95/10202)  
[87] (WO96/05306)  
[30] US (08/289,221) 1994-08-12  
[30] US (08/409,305) 1995-03-24  
[30] US (08/480,784) 1995-06-07  
[30] US (08/483,553) 1995-06-07  
[30] US (08/308,104) 1994-09-16  
[30] US (08/348,824) 1994-11-29  
[30] US (08/300,266) 1994-09-02

[11] **2,196,844**  
[13] C  
[51] **Int.Cl. 6H04L 27/00**  
[25] EN  
[54] **FREQUENCY SWEEP CIRCUIT**  
[54] **CIRCUIT DE BALAYAGE DE FREQUENCE**  
[72] ANZAI, Makoto, JP  
[73] NEC CORPORATION, JP  
[22] 1997-02-05  
[30] JP (8-020201) 1996-02-06

[11] **2,197,064**  
[13] C  
[51] **Int.Cl. 6B65H 29/40 6B65H 31/06 6B65H 29/62**  
[25] EN  
[54] **DIVERTER AND ON-EDGE STACKER**  
[54] **DEVIATEUR/EMPILEUSE SUR CHANT**  
[72] MCCAY, Steve Worth, US  
[72] HARSHMAN, Keith Allen, US  
[72] GILLETTE, Stephen John, US  
[72] WENTZEL, Dale Allen, US  
[73] BELL & HOWELL PHILLIPSBURG COMPANY, US  
[85] 1997-02-07  
[86] 1995-08-09 (PCT/US95/10101)  
[87] (WO96/05132)  
[30] US (288,106) 1994-08-10

[11] **2,197,094**  
[13] C  
[51] **Int.Cl. 6B41J 2/35 6B41J 29/00**  
[25] FR  
[54] **IMPRIMANTE THERMIQUE DESTINEE A ETRE ASSOCIEE A UN TERMINAL D'INSTALLATION DE TRAITEMENT DE L'INFORMATION**  
[54] **THERMAL PRINTER TO BE ASSOCIATED WITH A DATA PROCESSING TERMINAL**  
[72] Patry, Bernard, FR  
[73] AXIOHM, FR  
[85] 1997-02-07  
[86] 1995-08-04 (PCT/FR95/01056)  
[87] (WO96/05063)  
[30] FR (94/09993) 1994-08-12

[11] **2,197,541**  
[13] C  
[51] **Int.Cl. 6F25B 29/00 6F25B 30/02**  
[25] EN  
[54] **REFRIGERATION/HEAT PUMP MODULE**  
[54] **POMPE POUR MODULE DE CHAUFFAGE ET DE REFROIDISSEMENT COMBINE**  
[72] Lehmann, Walter E., CA  
[73] FRONTIER REFRIGERATION AND AIR CONDITIONING LTD., CA  
[22] 1997-02-13

[11] **2,197,776**  
[13] C  
[51] **Int.Cl. 6B65H 19/22 6B65H 18/26**  
[25] EN  
[54] **IMPROVED METHOD AND APPARATUS FOR REELING A TRAVELING WEB INTO A WOUND WEB ROLL**  
[54] **METHODE AMELIOREE ET APPAREIL POUR ENROULER LE PAPIER SUR LE ROULEAU RECEPTEUR**  
[72] Didier, James J., US  
[72] Lindstrand, Bruce L., US  
[72] Wight, Ernest William, US  
[73] BELOIT TECHNOLOGIES, INC., US  
[85] 1997-02-17  
[86] 1995-08-14 (PCT/US95/10336)  
[87] (WO96/06033)  
[30] US (08/292,594) 1994-08-18

[11] **2,198,003**  
[13] C  
[51] **Int.Cl. 6G07F 17/32 6G07F 7/08**  
[25] FR  
[54] **LECTEUR DE CARTE POUR MACHINE DE JEUX**  
[54] **CARD READER FOR GAME MACHINE**  
[72] Bonifas, Corinne, FR  
[72] Foglino, Jean-Jacques, FR  
[72] Nicolai, Alain, FR  
[73] GEMPLUS, FR  
[85] 1997-02-19  
[86] 1995-08-31 (PCT/FR95/01137)  
[87] (WO96/07164)  
[30] FR (94/10501) 1994-08-31

[11] **2,198,038**  
[13] C  
[51] **Int.Cl. 6B29C 47/06**  
[25] EN  
[54] **MULTI-LAYER BLOWN-FILM EXTRUSION DIE**  
[54] **MATRICE D'EXTRUSION-SOUFFLAGE POUR FILM TUBULAIRE MULTICOUCHE**  
[72] BENTIVOGLIO, Alfredo, CA  
[73] BENTIVOGLIO, Alfredo, CA  
[22] 1997-02-20  
[30] GB (9604127.2) 1996-02-27

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[13] C

[51] **Int.Cl. 6B01D 35/143 6F04B 25/00**  
[25] EN  
[54] **CLOSE COUPLED SERIES  
TURBINE MOUNTING**  
[54] **MONTAGE COUPLE ET FERME  
DE TURBINES EN SERIES**  
[72] KIEFFER, Joseph W., US  
[73] WAGNER SPRAY TECH  
CORPORATION, US  
[85] 1997-02-27  
[86] 1996-04-18 (PCT/US96/05345)  
[87] (WO97/02082)  
[30] US (498,739) 1995-07-06

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[11] **2,198,936**  
[13] C

[51] **Int.Cl. 6F16L 55/162 6F28F 11/02**  
[25] FR  
[54] **DISPOSITIF DESTINE A ETRE  
FIXE DE FACON ETANCHE SUR AU  
MOINS UN ELEMENT CYLINDRIQUE**  
[54] **DEVICE SEALABLY  
CONNECTABLE TO AT LEAST ONE  
CYLINDRICAL ELEMENT**  
[72] BONMARTIN, Michel, FR  
[72] VEYRAT, Bruno, FR  
[72] BONNAND, Christian, FR  
[72] WOLFF, Yann, FR  
[73] ELECTRICITE DE FRANCE, FR  
[73] CENTRALE NUCLEAIRE  
EUROPEENNE A NEUTRONS RAPIDES  
S.A., FR  
[73] GEC ALSTHOM STEIN INDUSTRIE,  
FR  
[85] 1997-02-28  
[86] 1996-07-18 (PCT/FR96/01128)  
[87] (WO97/04268)  
[30] FR (95/08731) 1995-07-19

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[11] **2,198,953**  
[13] C

[51] **Int.Cl. 6B66C 23/04**  
[25] EN  
[54] **OFFSETTING LINK ASSEMBLY  
FOR FOLDING LUFFING JIB**  
[54] **PIECE DE LIAISON DESAXEE DE  
FLECHE RELEVABLE**  
[72] WALKER, Robert J., US  
[72] KRAJNIK, Daniel L., US  
[72] WANEK, Michael J., US  
[73] Manitowoc Crane Group, Inc., US  
[22] 1997-03-03  
[30] US (08/609,059) 1996-03-04

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[11] **2,199,150**  
[13] C

[51] **Int.Cl. 6F16N 31/00**  
[25] EN  
[54] **MAGNETIC DRAIN BOLT**  
[54] **BOULON MAGNETIQUE**  
[72] JONES, James D., Jr., US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 1997-03-04  
[30] US (08/626,078) 1996-04-01

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[11] **2,199,216**  
[13] C

[51] **Int.Cl. 6B41J 2/07 6B41F 31/08**  
[25] EN  
[54] **VALVE MEMBER, VALVE, INK  
CONTAINER AND INK CARTRIDGE  
HAVING SAME**  
[54] **CLAPET, ELEMENT DU CLAPET,  
RESERVOIR D'ENCRE ET  
CARTOUCHE D'ENCRE DOTEE DE  
CES ELEMENTS**  
[72] MATSUMOTO, Hidehisa, JP  
[72] SASAKI, Toshiaki, US  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1997-03-05  
[30] JP (050065/1996(PAT.)) 1996-03-07

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[11] **2,199,452**  
[13] C

[51] **Int.Cl. 6B60Q 9/00 6G01M 17/013**  
[25] EN  
[54] **WHEEL FAILURE DETECTION  
AND WARNING SYSTEM**  
[54] **SYSTEME DE DETECTION ET  
D'AVERTISSEMENT DE  
DEFAILLANCE IMMINENTE D'UNE  
ROUE DE VEHICULE**  
[72] BABLUCK, Roger A., N., CA  
[73] BABLUCK, Roger A., N., CA  
[22] 1997-03-07

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[11] **2,199,587**  
[13] C

[51] **Int.Cl. 6H01R 33/22 6H01R 13/52**  
[25] EN  
[54] **ANTI-LEAK AN ANTI-CONTACT  
CHRISTMAS LAMP**  
[54] **LAMPE DE NOEL ANTI-FUITES ET  
ANTI-CONTACTS**  
[72] HUANG, SHUN-FENG, TW  
[73] HUANG, SHUN-FENG, TW  
[22] 1997-03-10

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[11] **2,200,384**  
[13] C

[51] **Int.Cl. 6H04B 10/12 6H04B 10/08**  
[25] EN  
[54] **AN OPTICAL COMMUNICATIONS  
SYSTEM HAVING DISTRIBUTED  
INTELLIGENCE**  
[54] **SYSTEME DE COMMUNICATION  
OPTIQUE A INTELLIGENCE  
REPARTIE**  
[72] LEONE, Frank Salvatore, US  
[72] JENNINGS, Mark R., US  
[72] PIMPINELLA, Richard Joseph, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1997-03-19  
[30] US (645,108) 1996-05-13

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[11] **2,201,008**  
[13] C

[51] **Int.Cl. 6B60J 3/00**  
[25] EN  
[54] **TRUCK SUN VISOR**  
[54] **PARE-SOLEIL POUR CAMION**  
[72] DUNNE, Daniel P., US  
[72] ANGELO, Gerald J., US  
[72] BERNASCONI, Alex G., US  
[73] PACCAR INC., US  
[22] 1997-03-25  
[30] US (08/641,471) 1996-05-01

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[11] **2,201,186**  
[13] C

[51] **Int.Cl. 6B01J 20/10 6B01D 19/04**  
[25] EN  
[54] **PARTIALLY HYDROPHOBIC  
PRECIPITATED SILICAS**  
[54] **SILICES PRECIPITEES  
PARTIELLEMENT HYDROPHOBES**  
[72] LUX, Heinz-Günter, DE  
[72] MULLER, Astrid, DE  
[72] OELMULLER, Rolf, DE  
[72] RAMB, Anja, DE  
[72] MEIER, Karl, DE  
[73] DEGUSSA-HULS  
AKTIENGESELLSCHAFT, DE  
[22] 1997-03-27  
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[13] C  
[51] **Int.Cl. 6E05B 61/00**  
[25] EN  
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[54] **MECANISME DE VERROUILLAGE ENCLIQUETABLE DE TYPE POUSSER-POUSSER**  
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[72] FOLADARE, Mark Jeffrey, US  
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DISCRIMINATION BETWEEN  
VIBRATION AND RADIATION  
INDUCED EVENTS  
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HORIZONTALLY POLARIZED SHEAR  
WAVE PROPAGATION  
[54] DETECTEUR DE POSITION  
TACTILE A ONDE ACOUSTIQUE  
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[73] Tamagawa Seiki Kabushiki Kaisha, JP  
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[13] C

[51] Int.Cl. 6E02F 5/10 6E03B 1/00 6H02G 1/06  
[25] EN  
[54] COMBINED UTILITY TRENCH METHOD  
[54] METHODE D'INSTALLATION DE TRANCHEES COMBINEES POUR LES SERVICES PUBLICS  
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[73] SIERRA PACIFIC RESOURCES, INCORPORATED, US  
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[54] LUGE-TRAINEAU  
[72] HANSEN, Geir S., US  
[73] VIKING IMPORTS, INC., US  
[85] 1998-04-20  
[86] 1995-10-20 (PCT/US95/13601)  
[87] (WO97/14599)

[11] 2,241,718  
[13] C

[51] Int.Cl. 6G05B 15/02 6G07B 17/00 6B07C 9/00  
[25] EN  
[54] MAILING MACHINE HAVING EXTERNAL USER INTERFACE CAPABILITY  
[54] MACHINE A AFFRANCHIR CONNECTABLE A UNE INTERFACE UTILISATEUR EXTERNE  
[72] RIELLO, Christopher S., US  
[72] FELMUS, Benita F., US  
[72] SCHOONMAKER, Richard P., US  
[72] SALAZAR, Edilberto I., US  
[73] PITNEY BOWES INC., US  
[22] 1998-06-26  
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[13] C

[51] Int.Cl. 6G06F 15/18 6G06F 9/44  
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[54] KNOWLEDGE MATRIX METHOD AND SYSTEM  
[54] METHODE ET DISPOSITIF DE MATRICE DE CONNAISSANCE  
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[54] **ROTATABLE INVERTER  
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[72] KIM, Chul, KR  
[72] JANG, Seong-deog, KR  
[72] HAN, Yong-woon, KR  
[72] SUNG, Han-jun, KR  
[73] SAMSUNG ELECTRONICS CO.,  
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[22] 1999-01-07  
[30] KR (98-17024) 1998-05-12  
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[11] **2,262,085**  
[13] C

[51] **Int.Cl. 6E21B 43/04**  
[25] EN  
[54] **METHOD FOR DIRECTING  
GROUNDWATER FLOW AND  
TREATING GROUNDWATER IN SITU**  
[54] **PROCEDE D'ORIENTATION DE  
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TRAITEMENT SUR PLACE DES EAUX  
SOUTERRAINES**  
[72] DICK, Vincent B., US  
[72] EDWARDS, David A., US  
[73] HALEY AND ALDRICH, INC., US  
[85] 1999-01-27  
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[11] **2,263,787**  
[13] C

[51] **Int.Cl. 6F16H 61/02 6F16H 59/02  
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[25] EN  
[54] **IMPROVEMENTS IN SHUTTLE  
SHIFT TRANSMISSIONS**  
[54] **PERFECTIONNEMENT APPORTE  
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[72] BULGRIEN, Garth H., US  
[73] NEW HOLLAND NORTH AMERICA,  
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[22] 1990-11-28  
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[13] C

[51] **Int.Cl. 6C07D 253/075 6G01N 33/15**  
[25] EN  
[54] **A METHOD OF TESTING THE  
PURITY OF LAMOTRIGINE**  
[54] **METHODE POUR TESTER LA  
PURETE DE LA LAMOTRIGINE**  
[72] GRIFFITH-SKINNER, Nigel Arthur,  
GB  
[72] HILL, Derek Anthony, GB  
[72] EDMEADES, Lorraine Mary, GB  
[72] PACKHAM, Terence William, GB  
[72] HILL, Graham Thronton, GB  
[73] THE WELLCOME FOUNDATION  
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[11] **2,270,151**  
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[51] **Int.Cl. 6G01N 1/14**  
[25] EN  
[54] **LOW CARRYOVER SAMPLE  
LIQUID ANALYSIS SYSTEM AND  
METHOD**  
[54] **ANALYSEUR D'ECHANTILLON  
DE LIQUIDE A FAIBLE EFFET  
D'ENTRAINEMENT, METHODE ET  
SYSTEME**  
[72] DI DOMENICO, Nicholas F., US  
[72] UFFENHEIMER, Kenneth F., US  
[72] WEITZ, Stephen L., US  
[73] BAYER CORPORATION, US  
[22] 1990-06-21  
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[54] **COMPUTER MONITOR HOOD  
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[72] HELLER, DAVID, IL  
[72] HELLER, PHILIP, CA  
[73] HELLER, DAVID, IL  
[73] HELLER, PHILIP, CA  
[85] 1999-06-21  
[86] 1996-12-30 (PCT/CA96/00882)  
[87] (WO98/30024)  
[30] US (08/774,013) 1996-12-26

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[13] C

[51] **Int.Cl. 6F25C 3/04**  
[25] EN  
[54] **SNOW GUN FOR MAKING  
ARTIFICIAL SNOW**  
[54] **CANON A NEIGE**  
[72] MCKINNEY, VERNON LORNE, CA  
[73] MCKINNEY, VERNON LORNE, CA  
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[11] **2,279,223**  
[13] C

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[25] EN  
[54] **THERMAL THERAPY DEVICES  
AND METHODS OF MAKING THE  
SAME**  
[54] **DISPOSITIFS DE THERAPIE  
THERMIQUE ET PROCEDES POUR  
PRODUIRE CES DISPOSITIFS**  
[72] KOLEN, PAUL T., US  
[72] NEBOLON, JOSEPH F., US  
[73] METIS CORPORATION, LLC, US  
[85] 1999-07-28  
[86] 1998-02-03 (PCT/US98/01680)  
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[30] US (08/794,837) 1997-02-03

[11] **2,286,466**  
[13] C

[51] **Int.Cl. 6H04L 12/56 6H04Q 7/22**  
[25] EN  
[54] **CELLULAR SYSTEM  
ARCHITECTURES SUPPORTING  
DATA SERVICES**  
[54] **ARCHITECTURES DE SYSTEME  
CELLULAIRE PRENANT EN CHARGE  
LES SERVICES DE TRANSMISSION DE  
DONNEES**  
[72] TREVENTI, PHILIP ANDREW, US  
[72] NANDA, SANJIV, US  
[72] SAWKAR, ANIL S., US  
[72] EJZAK, RICHARD PAUL, US  
[72] DRAVIDA, SUBRAHMANYAM, US  
[72] DOSHI, BHARAT TARACHAND, US  
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[51] **Int.Cl. 6A62B 18/08 6B64D 43/00 6G02B 27/01**  
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[54] **CRV DE PILOTAGE AVEC UN MASQUE A OXYGENE INTEGRE**  
[54] **PILOTING CRV WITH BUILT-IN OXYGEN MASK**  
[72] TAMBOURGI, Sylvain, CA  
[71] TAMBOURGI, Sylvain, CA  
[22] 1999-03-23  
[43] 2000-09-23

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[13] A1

[51] **Int.Cl. 6A23L 1/01 6A23C 3/02 6A23C 19/045**  
[25] EN  
[54] **MULTI-PURPOSE APPARATUS FOR THE THERMAL TREATMENT AND MECHANICAL PROCESSING OF FOODS**  
[54] **APPAREIL POLYVALENT POUR LE TRAITEMENT THERMIQUE ET LA TRANSFORMATION MECANIQUE DES ALIMENTS**  
[72] MUZZARELLI, Gabriele, IT  
[71] FARMER ENGINEERING GESELLSCHAFT M.B.H., AT  
[22] 1999-03-17  
[43] 2000-09-17

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[13] A1

[51] **Int.Cl. 6E05D 15/16 6E06B 9/84**  
[25] EN  
[54] **CABLE FAILURE DEVICE**  
[54] **DISPOSITIF DE PROTECTION CONTRE LES BRIS DE CABLES**  
[72] FARELLA, Patrice, CA  
[72] FOUCAULT, PIERRE-LOUIS, CA  
[72] BEAUDOIN, Michel, CA  
[72] BOLOGNA, Stefano, CA  
[71] CANIMEX INC., CA  
[22] 1999-03-18  
[43] 2000-09-18

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[21] **2,263,739**  
[13] A1

[51] **Int.Cl. 6B01D 53/50**  
[25] EN  
[54] **APPARATUS FOR REMOVING SO2 FROM FLUE GASES AND FOR PRODUCING AMMONIUM SULFATE SOLUTION**  
[54] **APPAREIL POUR ELIMINER LE SO2 DE GAZ DE COMBUSTION ET PRODUIRE UNE SOLUTION DE SULFATE D'AMMONIUM**  
[72] FERRAO, Lourenço, DE  
[72] RISSE, Theo, DE  
[71] LURGI LENTJES BISCHOFF GMBH, DE  
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[43] 2000-09-17

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[21] **2,263,950**  
[13] A1

[51] **Int.Cl. 6G02C 1/06**  
[25] EN  
[54] **EYEGLASSES WITH REPLACEABLE LENSES, ADJUSTABLE EAR SUPPORT AND REPLACEABLE SIDE SUPPORT**  
[54] **LUNETTES AVEC BRANCHES POUVANT ETRE AJUSTEES AUTOUR DE L'OREILLE ET VERRES REMPLACABLES**  
[72] GAGNON, Mario, CA  
[71] NEVSHELL MARKETING INC., CA  
[22] 1999-03-17  
[43] 2000-09-17

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[21] **2,264,349**  
[13]

[51] **Int.Cl. 6B65D 65/46**  
[25] EN  
[54] **EATABLE CONTAINER AND METHOD OF MAKING THE SAME**  
[54] **CONTENANT COMESTIBLE ET METHODE DE FABRICATION**  
[72] ROTH, Randy, CA  
[71] ROTH, Randy, CA  
[22] 1999-03-23  
[43] 2000-09-23

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[13] A1

[51] **Int.Cl. 6H02K 19/16**  
[25] EN  
[54] **LOW RPM GENERATOR**  
[54] **GENERATRICE A BAS REGIME**  
[72] VALAVAARA, Viljo K. (deceased), CA  
[71] HYDROENERGY CORPORATION, CA  
[22] 1999-03-22  
[43] 2000-09-22

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[13] A1

[51] **Int.Cl. 6F24D 19/10 6F24D 3/00**  
[25] EN  
[54] **PULSE DELIVERY THERMOSTAT**  
[54] **THERMOSTAT A IMPULSIONS**  
[72] SAMSON, Marc, CA  
[71] SAMSON, Marc, CA  
[22] 1999-03-17  
[43] 2000-09-17

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[21] **2,264,994**  
[13] A1

[51] **Int.Cl. 6A47J 47/00**  
[25] EN  
[54] **HOLDER FOR TACO SHELL OR THE LIKE**  
[54] **SUPPORT POUR COUILLE A TACO OU AUTRES DU MEME GENRE**  
[72] PROULX, Michel, CA  
[71] PROULX, Michel, CA  
[22] 1999-03-18  
[43] 2000-09-18

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[13] A1  
[51] **Int.Cl. 6A47K 17/00**  
[25] EN  
[54] **KITCHEN DRAIN PLUNGER STORAGE CABINET**  
[54] **ARMOIRE DE RANGEMENT DE DEBOUCHOIR A VENTOUSE D'EVIER DE CUISINE**  
[72] KNIGHT, Gray, CA  
[71] KNIGHT, Gray, CA  
[22] 1999-03-19  
[43] 2000-09-19

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[21] **2,265,006**  
[13] A1  
[51] **Int.Cl. 6E05F 15/10**  
[25] EN  
[54] **MODIFIED GARAGE DOOR OPENER LINKAGE**  
[54] **TRINGLERIE MODIFIEE D'OUVRE-PORTE DE GARAGE**  
[72] BARNES, Richard L., CA  
[71] BARNES, Richard L., CA  
[22] 1999-03-22  
[43] 2000-09-22

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[21] **2,265,010**  
[13] A1  
[51] **Int.Cl. 6E02B 3/04 6E02B 7/00**  
[25] EN  
[54] **LIQUID INFLATABLE BARRIER SYSTEM**  
[54] **SYSTEME GONFLABLE DE BARRIERES CONTENANT UN LIQUIDE**  
[72] ADLER, Richard A., CA  
[71] ADLER, Richard A., CA  
[22] 1999-03-19  
[43] 2000-09-19

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[21] **2,265,036**  
[13] A1  
[51] **Int.Cl. 6E04F 13/10 6E04B 2/70**  
[25] FR  
[54] **LAMBRIS DE BOIS PIECES SUR PIECES**  
[54] **PIECE OVER PIECE WOOD SIDING**  
[72] CASTONGUAY, Jean-Yves, CA  
[71] CASTONGUAY, Jean-Yves, CA  
[22] 1999-03-17  
[43] 2000-09-17

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[21] **2,265,092**  
[13] A1  
[51] **Int.Cl. 6G02B 27/01**  
[25] EN  
[54] **CAR HEADS UP DISPLAY**  
[54] **SYSTEME DE VISUALISATION TETE HAUTE POUR AUTOMOBILES**  
[72] JIANG, Hua, CA  
[71] JIANG, Hua, CA  
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[43] 2000-09-17

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[21] **2,265,093**  
[13] A1  
[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **MAN'S HYGIENIC ABSORBENT PAD**  
[54] **SERVIETTE HYGIENIQUE ABSORBANTE POUR HOMME**  
[72] CWIKLINSKI, Wojciech, CA  
[71] CWIKLINSKI, Wojciech, CA  
[22] 1999-03-22  
[43] 2000-09-22

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[21] **2,265,174**  
[13] A1  
[51] **Int.Cl. 6E02F 9/00 6E02F 3/36**  
[25] EN  
[54] **PROFESSIONAL GRADE FINDER (ROBOTIC ARM LASER AIDED)**  
[54] **DETECTEUR PROFESSIONNEL DE NIVEAU DU TERRAIN (BRAS ROBOTIQUE GUIDE AU MOYEN D'UN LASER)**  
[72] GISMONDI, A., CA  
[71] GISMONDI, A., CA  
[22] 1999-03-17  
[43] 2000-09-17

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[21] **2,265,346**  
[13] A1  
[51] **Int.Cl. 6H04L 29/10**  
[25] EN  
[54] **POS-PHY INTERFACE FOR INTERCONNECTION OF PHYSICAL LAYER DEVICES AND LINK LAYER DEVICES**  
[54] **INTERFACE POS-PHY POUR L'INTERCONNEXION DE DISPOSITIFS DE LA COUCHE PHYSIQUE ET DES DISPOSITIFS DE LA COUCHE LIAISON**  
[72] STEADMAN, Richard Arthur John, CA  
[72] CARR, Larrie, CA  
[72] KARR, Travis James, CA  
[71] PMC-SIERRA LTD., CA  
[22] 1999-03-17  
[43] 2000-09-17

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[21] **2,265,347**  
[13] A1  
[51] **Int.Cl. 6E04B 7/16 6E04B 1/344**  
[25] EN  
[54] **ADJUSTABLE ROOF STRUCTURE FOR A BALCONY OR THE LIKE**  
[54] **STRUCTURE DE TOIT REGLABLE POUR BALCONS OU ELEMENTS SEMBLABLES**  
[72] PINAULT, Roger, CA  
[71] PINAULT, Roger, CA  
[22] 1999-03-17  
[43] 2000-09-17

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[21] **2,265,398**  
[13] A1  
[51] **Int.Cl. 6G08G 1/01 6G07B 15/00 6G08G 1/017**  
[25] EN  
[54] **RADIO FREQUENCY HIGHWAY MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION D'AUTOROUTES A HAUTES FREQUENCES**  
[72] OOMEN, Peter, CA  
[72] TERRIER, Daniel L., CA  
[72] COOK, James Kenneth, CA  
[71] MARK IV INDUSTRIES LIMITED, CA  
[22] 1999-03-17  
[43] 2000-09-17

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[21] **2,265,404**  
[13] A1  
[51] **Int.Cl. 6F04B 53/00 6F04B 9/00 6F04B 35/00**  
[25] EN  
[54] **ENCAPSULATED MAGNET FOR MAGNETIC DRIVE PUMPS**  
[54] **AIMANT ENCAPSULE POUR POMPES A ENTRAINEMENT MAGNETIQUE**  
[72] PIETERS, Ferdinandus A., US  
[72] KNODELL, Kenneth E., US  
[71] MICROPUMP, INC., US  
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[43] 2000-09-17

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[21] **2,266,043**  
[13] A1

[51] **Int.Cl. 6E04D 13/04 6E04D 13/152**  
[25] EN  
[54] **ROOF VENT SNOW TRAY**  
[54] **PLATEAU A NEIGE POUR CHATIERE**  
[72] ALESSI, Nancy Patricia, CA  
[72] ALESSI, Joseph, CA  
[71] ALESSI, Nancy Patricia, CA  
[71] ALESSI, Joseph, CA  
[22] 1999-03-17  
[43] 2000-09-17

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[21] **2,266,086**  
[13] A1

[51] **Int.Cl. 6H04L 12/12 6H04L 9/32**  
[25] EN  
[54] **METHOD OF GATEWAY REDUNDANCY FOR USE IN SECURE NETWORK COMMUNICATION**  
[54] **METHODE DE REDONDANCE DE PASSERELLE POUR UTILISATION DANS DES RESEAUX PROTEGES**  
[72] PEREIRA, Roy, CA  
[72] HOWARD, Brett, CA  
[72] JENKINS, Timothy John, CA  
[71] TIMESTEP CORPORATION, CA  
[22] 1999-03-17  
[43] 2000-09-17

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[21] **2,266,118**  
[13] A1

[51] **Int.Cl. 6B67D 3/00 6B65D 47/02**  
[25] EN  
[54] **VALVED BOTTLE CAP**  
[54] **CAPSULE DE BOUTEILLE VANNEE**  
[72] HIDDING, Robert D., US  
[72] HIDDING, Walter E., US  
[72] HIDDING, Douglas J., US  
[71] HIDDING, Robert D., US  
[71] HIDDING, Walter E., US  
[71] HIDDING, Douglas J., US  
[22] 1999-03-18  
[43] 2000-09-18

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[13] A1

[51] **Int.Cl. 6H04B 10/105 6H04B 10/10 6B64G 1/10 6H04B 7/185**  
[25] EN  
[54] **SATELLITE COMMUNICATION SYSTEM**  
[54] **SYSTEME DE TELECOMMUNICATIONS PAR SATELLITE**  
[72] SLOBODAN, Jovic, CA  
[72] SCAINI, Carmelo, CA  
[72] BRITTON, Mike, CA  
[72] SOUTAR, Brennan, CA  
[72] PEGELO, Kirk D., CA  
[72] PILATZE, Kyle, CA  
[72] STALEY, Douglas A., CA  
[72] WIGHT, James S., CA  
[72] GRANLUND, Ryan, CA  
[72] BISSON, Terry A., CA  
[72] LISOWSKI, Craig, CA  
[72] GAMMIE, Quinn, CA  
[72] KWONG, Alice S-Y, CA  
[72] KOSTYA, Sandor, CA  
[71] SLOBODAN, Jovic, CA  
[71] SCAINI, Carmelo, CA  
[71] BRITTON, Mike, CA  
[71] SOUTAR, Brennan, CA  
[71] PEGELO, Kirk D., CA  
[71] PILATZE, Kyle, CA  
[71] STALEY, Douglas A., CA  
[71] WIGHT, James S., CA  
[71] GRANLUND, Ryan, CA  
[71] BISSON, Terry A., CA  
[71] LISOWSKI, Craig, CA  
[71] GAMMIE, Quinn, CA  
[71] KWONG, Alice S-Y, CA  
[71] KOSTYA, Sandor, CA  
[22] 1999-03-18  
[43] 2000-09-18

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[21] **2,266,141**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **METHOD FOR CONTROLLING THE APPLICATION OF DIGITAL SIGNATURES TO ELECTRONIC DOCUMENTS BASED ON ELECTRONICALLY REPRESENTED BUSINESS SIGNING RULES**  
[54] **METHODE DE CONTROLE D'APPOSITION DE SIGNATURES NUMERIQUES AUX DOCUMENTS ELECTRONIQUES FONDEE SUR LA REPRESENTATION ELECTRONIQUE DES REGLES ADMINISTRATIVES DE SIGNATURE**  
[72] FORDE, Peter A., CA  
[72] WALLACE, William E., CA  
[72] AKISTER, Jim F., CA  
[71] RDM CORPORATION, CA  
[22] 1999-03-18  
[43] 2000-09-18

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[21] **2,266,148**  
[13] A1

[51] **Int.Cl. 6G01K 1/14**  
[25] EN  
[54] **RETRACTABLE THERMOWELL**  
[54] **PUITS THERMOMETRIQUE ESCAMOTABLE**  
[72] PROVENCAL, Louis R., CA  
[72] BALDOCK, MICHAEL, CA  
[71] ALLTEMP SENSORS INC., CA  
[22] 1999-03-18  
[43] 2000-09-18

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[21] **2,266,153**  
[13] A1

[51] **Int.Cl. 6B64G 1/10 6H04B 10/105 6H04B 7/185**  
[25] EN  
[54] **MULTI-MEDIA SATELLITE**  
[54] **SATELLITE MULTIMEDIA**  
[72] WIGHT, James S., CA  
[72] GRANLUND, Ryan, CA  
[71] WIGHT, James S., CA  
[71] GRANLUND, Ryan, CA  
[22] 1999-03-18  
[43] 2000-09-18

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[13] A1

[51] **Int.Cl. 6H04B 7/185 6B64G 1/24 6H04Q 7/36**  
[25] EN  
[54] **SATELLITE BASED EARTH FIXED CELL TRACKING METHOD**  
[54] **METHODE SATELLITAIRE DE POURSUITE DE CELLULE TERRIENNE FIXE**  
[72] KOSTYA, Sandor, CA  
[72] SCAINI, Carmelo, CA  
[71] KOSTYA, Sandor, CA  
[71] SCAINI, Carmelo, CA  
[22] 1999-03-18  
[43] 2000-09-18

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[21] **2,266,155**  
[13] A1

[51] **Int.Cl. 6B64G 1/10 6H04B 10/105 6H04B 7/185**  
[25] EN  
[54] **MULTIMEDIA SATELLITE CONSTELLATION NETWORK**  
[54] **RESEAU CONSTELLATION DE SATELLITES MULTIMEDIAS**  
[72] STALEY, Douglas A., CA  
[72] WIGHT, James S., CA  
[72] PEGELO, Kirk D., CA  
[71] STALEY, Douglas A., CA  
[71] WIGHT, James S., CA  
[71] PEGELO, Kirk D., CA  
[22] 1999-03-18  
[43] 2000-09-18

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[21] **2,266,158**  
[13] A1

[51] **Int.Cl. 6H01R 13/05 6H01R 9/09 6H01R 33/76**  
[25] EN  
[54] **CONNECTING DEVICES AND METHOD FOR INTERCONNECTING CIRCUIT COMPONENTS**  
[54] **METHODE ET DISPOSITIFS DE CONNEXION DE COMPOSANTS DE CIRCUITS**  
[72] GUERIN, Luc, CA  
[72] LANDREVILLE, Jean-Luc, CA  
[72] AUDET, Gerald P., CA  
[71] IBM CANADA LTD. - IBM CANADA LIMITEE, CA  
[22] 1999-03-18  
[43] 2000-09-18

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[21] **2,266,164**  
[13] A1

[51] **Int.Cl. 6B66F 7/06**  
[25] EN  
[54] **MOTORCYCLE LIFT**  
[54] **ELEVATEUR A MOTOCYCLETTE**  
[72] NOBRE, Jack, CA  
[72] YEO, Harold, CA  
[72] BRUYNS, Michael, CA  
[71] WHEELTRONIC LTD., CA  
[22] 1999-03-18  
[43] 2000-09-18

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[21] **2,266,174**  
[13] A1

[51] **Int.Cl. 6C07K 14/805 6A61K 38/42**  
[25] EN  
[54] **HEMOGLOBIN-ANTIOXIDANT CONJUGATES**  
[54] **CONJUGUES HEMOGLOBINE-ANTIOXYDANT**  
[72] ADAMSON, Gordon W., CA  
[72] MCINTOSH, Greg Angus, CA  
[71] HEMOSOL INC., CA  
[22] 1999-03-18  
[43] 2000-09-18

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[21] **2,266,175**  
[13] A1

[51] **Int.Cl. 6E05B 1/04 6B21D 53/38**  
[25] EN  
[54] **METALLIC KNOB AND METHOD FOR MAKING IT**  
[54] **POIGNEE METALLIQUE ET METHODE DE FABRICATION**  
[72] CHENG, Tung, TW  
[71] CHENG, Tung, TW  
[22] 1999-03-17  
[43] 2000-09-17

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[21] **2,266,180**  
[13] A1

[51] **Int.Cl. 6A63F 7/02 6A63F 7/30 6A63F 7/34**  
[25] EN  
[54] **DEVICE FOR SUPPLYING/RETAINING/CHECKING BALLS FOR LABYRINTH-TYPE GAMES OF CHANCE**  
[54] **DISPOSITIF POUR FOURNIR/RETENIR/CONTROLLER DES BILLES DE JEUX DE HASARD DE TYPE LABYRINTHE**  
[72] FRANCO MUNOZ, Joaquin, ES  
[72] FRANCO MUNOZ, Jesus, ES  
[71] PROINDUMAR, S.L., ES  
[22] 1999-03-17  
[43] 2000-09-17

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[21] **2,266,181**  
[13] A1

[51] **Int.Cl. 6G02C 7/08 6G02C 9/00**  
[25] EN  
[54] **SECONDARY EYEGLASSES WHICH ARE INTENDED FOR ATTACHMENT TO A PAIR OF PRIMARY EYEGLASSES**  
[54] **LUNETTES SECONDAIRES CONCUES POUR ETRE FIXEES A DES LUNETTES PRIMAIRES**  
[72] KIRSCH, Sam Anthony, CA  
[72] LINNARTZ, Olaf, CA  
[71] KIRSCH, Sam Anthony, CA  
[71] LINNARTZ, Olaf, CA  
[22] 1999-03-17  
[43] 2000-09-17

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[21] **2,266,184**  
[13] A1

[51] **Int.Cl. 6G02B 13/22 6G02B 21/36**  
[25] EN  
[54] **DOUBLY TELECENTRIC LENS AND IMAGING SYSTEM FOR MULTIWELL PLATES**  
[54] **LENTILLE A PARALLAXE DOUBLE ET SYSTEME D'IMAGERIE POUR PLAQUES MULTIPUITS**  
[72] KEDAR, Haim, US  
[72] WALLERSTEIN, Edward Perry, US  
[72] BROWN, Albert William Jr., US  
[71] KEDAR, Haim, US  
[71] WALLERSTEIN, Edward Perry, US  
[71] BROWN, Albert William Jr., US  
[22] 1999-03-19  
[43] 2000-09-19

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[21] **2,266,185**  
[13] A1

[51] **Int.Cl. 6H01G 4/018**  
[25] EN  
[54] **METHOD OF PICKING THE ELECTROLYTE FOR HIGH CAPACITY ELECTRIC ENERGY ACCUMULATORS**  
[54] **METHODE DE SELECTION D'ELECTROLYTE POUR ACCUMULATEURS D'ENERGIE ELECTRIQUE HAUTE CAPACITE**  
[72] BORISENKO, Dmitry N., RU  
[72] BORISENKO, Nikolay N., RU  
[71] SELECT MOLECULAR TECHNOLOGIES CORPORATION, CA  
[22] 1999-03-19  
[43] 2000-09-19

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[21] **2,266,187**  
[13] A1

[51] **Int.Cl. 6G06K 11/18**  
[25] EN  
[54] **MOVE-IN-COMPANY STYLE JOY STICK**  
[54] **MANETTE DE JEU A DISPOSITIF MOBILE**  
[72] CHEN, Lily, TW  
[71] CHEN, Lily, TW  
[22] 1999-03-19  
[43] 2000-09-19

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[21] **2,266,188**  
[13] A1

[51] **Int.Cl. 6A61K 7/06**  
[25] EN  
[54] **NATURAL PREPARATION FOR TREATMENT OF MALE PATTERN HAIR LOSS**  
[54] **PREPARATION NATURELLE POUR LE TRAITEMENT DE L'ALOPECIE ANDROGENIQUE**  
[72] DELORSCIO, Ricco, CA  
[72] CHIZICK, Stephen, CA  
[71] DELORSCIO, Ricco, CA  
[71] CHIZICK, Stephen, CA  
[22] 1999-03-19  
[43] 2000-09-19

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[21] **2,266,192**  
[13] A1

[51] **Int.Cl. 6B60R 21/20**  
[25] EN  
[54] **ACCIDENTAL AIRBAG DEPLOYMENT PROTECTION DEVICE**  
[54] **DISPOSITIF DE PROTECTION CONTRE LE DEPLOIEMENT ACCIDENTEL DES COUSSINS GONFLABLES**  
[72] DENBOK, Marc D., CA  
[71] DENBOK, Marc D., CA  
[22] 1999-03-18  
[43] 2000-09-18

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[21] **2,266,195**  
[13] A1

[51] **Int.Cl. 6G02B 5/28 6G02B 6/16**  
[25] EN  
[54] **OPTICAL CLEAN-UP FILTERS AND METHOD OF MAKING THE SAME**  
[54] **FILTRES D'EPURATION OPTIQUE ET METHODE DE FABRICATION**  
[72] GONTHIER, FRANÇOIS, CA  
[71] ITF OPTICAL TECHNOLOGIES INC.-TECHNOLOGIES OPTIQUES ITF INC., CA  
[22] 1999-03-19  
[43] 2000-09-19

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[21] **2,266,200**  
[13] A1

[51] **Int.Cl. 6A01F 12/44 6A01D 45/02 6A01F 11/06**  
[25] EN  
[54] **CORN COB COLLECTING APPARATUS FOR USE WITH A COMBINE**  
[54] **APPAREIL DE RAMASSAGE D'EPIS DE MAIS POUR UTILISATION AVEC UNE RAMASSEUSE-EGRENEUSE DE MAIS**  
[72] FLAMME, Vernon L., US  
[71] FLAMME, Vernon L., US  
[22] 1999-03-17  
[43] 2000-09-17

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[21] **2,266,208**  
[13] A1

[51] **Int.Cl. 6G08G 1/127 6G08G 1/0967**  
[25] EN  
[54] **REMOTE ROAD TRAFFIC DATA EXCHANGE AND INTELLIGENT VEHICLE HIGHWAY SYSTEM**  
[54] **SYSTEME D'ECHANGE DE DONNEES SUR LA CIRCULATION ROUTIERE A DISTANCE ET DE VEHICULES ROUTIERS INTELLIGENTS**  
[72] XU, Yiwen, CA  
[72] JIN, Youchun, CA  
[71] WENKING CORP., CA  
[22] 1999-03-19  
[43] 2000-09-19

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[21] **2,266,213**  
[13] A1

[51] **Int.Cl. 6F16L 37/18 6F16L 37/20**  
[25] EN  
[54] **QUICK COUPLING**  
[54] **COUPLAGE RAPIDE**  
[72] CHEN, Tsan-Jee, TW  
[71] CHEN, Tsan-Jee, TW  
[22] 1999-03-18  
[43] 2000-09-18

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[21] **2,266,218**  
[13] A1

[51] **Int.Cl. 6C10G 35/09**  
[25] EN  
[54] **CATALYTIC REFORMING PROCESS WITH THREE CATALYST ZONES TO PRODUCE AROMATIC-RICH PRODUCT**  
[54] **PROCEDE DE REFORMAGE CATALYTIQUE AVEC TROIS ZONES DE CATALYSEURS POUR PRODUIRE UN PRODUIT RICHE EN COMPOSES AROMATIQUES**  
[72] GLOVER, Bryan K., US  
[71] UOP LLC, US  
[22] 1999-03-17  
[43] 2000-09-17

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[21] **2,266,220**  
[13] A1

[51] **Int.Cl. 6E02F 5/00 6E21C 37/00 6E01C 23/12**  
[25] EN  
[54] **CONCRETE PULVERIZER WITH ADJUSTABLE RIPPING ELEMENT**  
[54] **BROYEUR DE BETON AVEC ELEMENT DEMOLISSEUR REGLABLE**  
[72] NYE, Mark, CA  
[71] NYE, Mark, CA  
[22] 1999-03-22  
[43] 2000-09-17  
[30] US (09/270,612) 1999-03-17

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[21] **2,266,223**  
[13] A1

[51] **Int.Cl. 6H04L 12/24**  
[25] EN  
[54] **APPARATUS AND METHOD FOR GENERATING CONFIGURATION DATA FOR A DEVICE TO ACCESS A SERVICE**  
[54] **APPAREIL ET METHODE DE PRODUCTION DE DONNEES DE CONFIGURATION POUR PERMETTRE A UN DISPOSITIF D'ACCEDER A UN SERVICE**  
[72] SLABY, John, GB  
[71] VIRTUAL ACCESS IRELAND LIMITED, IE  
[22] 1999-03-22  
[43] 2000-09-22

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[21] **2,266,233**  
[13] A1

[51] **Int.Cl. 6C07K 7/02 6C07K 4/00 6A61K 51/08 6C07K 1/13**  
[25] EN  
[54] **A NOVEL N-FORMYLPEPTIDE ANALOGUE: A POTENTIAL INFLAMMATION AND INFECTION IMAGING AGENT**  
[54] **NOUVEL ANALOGUE DE (N-FORMYLPEPTIDE) : UTILISATION POSSIBLE COMME AGENT D'IMAGERIE POUR LES INFLAMMATIONS ET LES INFECTIONS**

[72] ROE, David, CA  
[72] RIBIC, Christine Maria, CA  
[72] POLLOCK, Catherine Michelle, CA  
[72] POLLAK, Alfred, CA  
[72] LAWRENCE, Betty Chee-Ion, CA  
[71] RESOLUTION PHARMACEUTICALS INC., CA  
[22] 1999-03-19  
[43] 2000-09-19

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[21] **2,266,235**  
[13] A1

[51] **Int.Cl. 6F24C 15/12**  
[25] EN  
[54] **STOVE HEAD COVER**  
[54] **HOUSSE POUR DOSSERET DE CUISINIÈRE**

[72] THAUVETTE, Sylvie, CA  
[71] THAUVETTE, Sylvie, CA  
[22] 1999-03-18  
[43] 2000-09-18

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[21] **2,266,237**  
[13] A1

[51] **Int.Cl. 6B66C 1/36**  
[25] EN  
[54] **SAFETY LATCH ASSEMBLY FOR REMOTEELY ACTUATING THE SAFETY LATCH OF A HOIST HOOK**  
[54] **ENSEMBLE DE LOQUET DE SECURITE POUR ACTIVER A DISTANCE LE LOQUET DE SECURITE D'UN CROCHET DE LEVAGE**

[72] DENNIS, Larry D., CA  
[71] DENNIS, Larry D., CA  
[22] 1999-03-18  
[43] 2000-09-18

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[21] **2,266,243**  
[13] A1

[51] **Int.Cl. 6F01L 9/02**  
[25] EN  
[54] **'APV', OR ATTAIN'S PNEUMATIC VALVES**  
[54] **APV' OU VALVES PNEUMATIQUES ATTAIN**  
[72] OTTLYK, Nicholas M., CA  
[71] OTTLYK, Nicholas M., CA  
[22] 1999-03-18  
[43] 2000-09-18

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[21] **2,266,247**  
[13] A1

[51] **Int.Cl. 6B05B 1/20 6B05B 3/14**  
[25] EN  
[54] **AN IMPROVED DESIGN OF THE NOZZLE ARRANGEMENT ON THE SPRAY TUBE OF THE CONVENTIONAL, OSCILLATING LAWN OR HOSE SPRINKLER**  
[54] **DISPOSITION AMELIOREE DES TROUS DU TUBE D'ASPERSION DES ARROSEURS OSCILLANTS DE PELOUSE CLASSIQUES**  
[72] COOTE, Alexander Harcus, CA  
[71] COOTE, Alexander Harcus, CA  
[22] 1999-03-22  
[43] 2000-09-22

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[21] **2,266,248**  
[13] A1

[51] **Int.Cl. 6E21B 7/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING DRILL STRING TORSIONAL VIBRATION**  
[54] **METHODE ET APPAREIL POUR CONTROLER LES VIBRATIONS EN TORSION DES TRAINS DE TIGES**  
[72] NIKIFORUK, Kevin J., CA  
[72] JENSEN, Kenneth C., CA  
[71] TESCO CORPORATION, CA  
[22] 1999-03-22  
[43] 2000-09-22

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[21] **2,266,249**  
[13] A1

[51] **Int.Cl. 6A23L 1/326**  
[25] EN  
[54] **FISH PATTIES AND PROCESS FOR MANUFACTURING SAME**  
[54] **CROQUETTES DE POISSON ET PROCEDE DE PREPARATION**  
[72] SULLIVAN, Patrick F., US  
[71] OMEGA FOODS, LTD., US  
[22] 1999-03-22  
[43] 2000-09-19  
[30] US (09/272,895) 1999-03-19

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[21] **2,266,254**  
[13] A1

[51] **Int.Cl. 6E06B 3/988**  
[25] EN  
[54] **CORNER FASTENING ELEMENT**  
[54] **ELEMENT DE FIXATION DE CORNIERE**  
[72] COULTER, Greg J., CA  
[72] BULLOCK, Robert E., US  
[71] ALUMINART PRODUCTS LIMITED, CA  
[22] 1999-03-22  
[43] 2000-09-22

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[21] **2,266,262**  
[13]

[51] **Int.Cl. 6H04L 12/12 6H04L 12/24**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRIORITIZED RELEASE OF CONNECTIONS IN A COMMUNICATIONS NETWORK**  
[54] **METHODE ET APPAREILLAGE POUR LA LIBERATION PAR ORDRE DE PRIORITE DE CONNEXIONS DANS UN RESEAU DE COMMUNICATIONS**  
[72] BURNS, JOHN C., CA  
[72] BOSLOY, Jonathan, CA  
[71] NEWBRIDGE NETWORKS CORPORATION, CA  
[22] 1999-03-23  
[43] 2000-09-23

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[21] **2,266,263**  
[13] A1

[51] **Int.Cl. 6C08F 246/00 6G03F 7/004 6C08F 226/06 6G01N 27/327**  
[25] EN  
[54] **THERMALLY REACTIVE NEAR INFRARED ABSORPTION POLYMER COATINGS, METHOD OF PREPARING AND METHODS OF USE**  
[54] **REVETEMENTS POLYMERES A ABSORPTION DANS L'INFRAROUGE PROCHE, THERMOREACTIFS, METHODE DE PREPARATION ET METHODES D'UTILISATION**  
[72] NGUYEN, My T., CA  
[71] AMERICAN DYE SOURCE, INC., CA  
[22] 1999-03-22  
[43] 2000-09-22

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[21] **2,266,268**  
[13] A1

[51] **Int.Cl. 6F24F 3/14**  
[25] EN  
[54] **BATHROOM DEHUMIDIFIER METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL DE DESHUMIDIFICATION DE SALLE DE BAIN**  
[72] TANENBAUM, Aaron, US  
[71] TANENBAUM, Aaron, US  
[22] 1999-03-22  
[43] 2000-09-22

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[21] **2,266,271**  
[13] A1

[51] **Int.Cl. 6H03M 7/30**  
[25] EN  
[54] **SUBSTITUTING A HASH TO REDUCE DOCUMENT SIZE**  
[54] **SUBSTITUTION DE VALEURS DE HACHAGE POUR REDUIRE LA TAILLE D'UN DOCUMENT**  
[72] WALLACE, William E., CA  
[71] RDM CORPORATION, CA  
[22] 1999-03-22  
[43] 2000-09-22

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[21] **2,266,281**  
[13] A1

[51] **Int.Cl. 6H04B 10/105 6H04B 10/00**  
[25] EN  
[54] **OPTICAL INTERSATELLITE COMMUNICATIONS SYSTEM**  
[54] **SYSTEME DE TELECOMMUNICATIONS OPTIQUES INTERSATELLITES**  
[72] BISSON, Terry A., CA  
[72] GRANLUND, Ryan, CA  
[72] PILATZE, Kyle, CA  
[72] SLOBODAN, Jovic, CA  
[72] KWONG, Alice S-Y, CA  
[72] LISOWSKI, Craig, CA  
[72] PEGELO, Kirk D., CA  
[72] SOUTAR, Brennan, CA  
[71] BISSON, Terry A., CA  
[71] GRANLUND, Ryan, CA  
[71] PILATZE, Kyle, CA  
[71] SLOBODAN, Jovic, CA  
[71] KWONG, Alice S-Y, CA  
[71] LISOWSKI, Craig, CA  
[71] PEGELO, Kirk D., CA  
[71] SOUTAR, Brennan, CA  
[22] 1999-03-18  
[43] 2000-09-18

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[21] **2,266,282**  
[13] A1

[51] **Int.Cl. 6G06F 15/18**  
[25] EN  
[54] **A SELF-TUNING KALMAN FILTER**  
[54] **FILTRE DE KALMAN AUTOREGLABLE**  
[72] O'SHEA, Jules, CA  
[72] NNEME NNEME, Léandre, CA  
[71] O'SHEA, Jules, CA  
[71] NNEME NNEME, Léandre, CA  
[22] 1999-03-19  
[43] 2000-09-19

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[21] **2,266,283**  
[13] A1

[51] **Int.Cl. 6H03M 13/22**  
[25] EN  
[54] **DATA INTERLEAVER AND METHOD OF INTERLEAVING DATA**  
[54] **ENTRELACEUR DE DONNEES ET METHODE D'ENTRELACEMENT DE DONNEES**  
[72] TONG, WEN, CA  
[72] GAUTHIER, Catherine, FR  
[71] TONG, WEN, CA  
[71] GAUTHIER, Catherine, FR  
[22] 1999-03-19  
[43] 2000-09-19

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[21] **2,266,286**  
[13] A1

[51] **Int.Cl. 6F27D 3/16 6C21B 13/12 6C21C 5/52**  
[25] EN  
[54] **A PROCESS FOR CONTROLLING THE STIRRING ENERGY DELIVERED BY A GAS FLOWING THROUGH A LIQUID AND A PROCESS FOR DETECTION AND CONTROL OF ARC FLARE IN ELECTRIC ARC HEATING FURNACES**  
[54] **PROCEDE DE REGULATION DE L'ENERGIE D'AGITATION FOURNIE PAR UN GAZ S'ECOULANT DANS UN LIQUIDE ET PROCEDE DE DETECTION ET DE REGULATION DE LA FLAMME DE L'ARC DANS LES FOURS DE CHAUFFAGE A ARC ELECTRIQUE**  
[72] KEMENY, Frank L., US  
[72] WALKER, David I., CA  
[72] JONES, Jeremy A. T., US  
[71] KEMENY, Frank L., US  
[71] WALKER, David I., CA  
[71] JONES, Jeremy A. T., US  
[22] 1999-03-19  
[43] 2000-09-19

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[21] **2,266,295**  
[13] A1

[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6C12N 15/29**  
[25] EN  
[54] **METHOD OF MODIFYING PLANT METABOLISM AND DEVELOPMENT**  
[54] **METHODE DE MODIFICATION DU METABOLISME ET DU DEVELOPPEMENT DES PLANTES**  
[72] WEINGARTNER, Magdalena, AT  
[72] HERBERLE-BORS, Erwin, AT  
[72] BOGRE, Laszlo, AT  
[71] CROPDESIGN N.V., BE  
[71] HEBERLE-BORS, ERWIN, AT  
[22] 1999-03-19  
[43] 2000-09-19

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[21] **2,266,297**  
[13] A1

[51] **Int.Cl. 6H02J 7/00**  
[25] EN  
[54] **METHOD OF COMMUTATION AND INSTALLATION OF HIGH CAPACITY ACCUMULATORS**  
[54] **METHODE DE COMMUTATION ET D'INSTALLATION D'ACCUMULATEURS HAUTE CAPACITE**  
[72] BORISENKO, Dmitry N., RU  
[72] BORISENKO, Nikolay N., RU  
[71] SELECT MOLECULAR TECHNOLOGIES CORPORATION, CA  
[22] 1999-03-19  
[43] 2000-09-19

[21] **2,266,298**  
[13] A1

[51] **Int.Cl. 6C07K 7/06 6A61K 51/08 6C07K 5/103 6C07K 1/13**  
[25] EN  
[54] **SYNTHESIS AND EVALUATION OF TWO TECHNETIUM-99M-LABELED PEPTIDIC 2-NITROIMIDAZOLES FOR IMAGING HYPOXIA**  
[54] **SYNTHESE ET EVALUATION DE DEUX 2-NITROIMIDAZOLES PEPTIDIQUES MARQUES PAR LE TECHNETIUM-99M POUR REALISER L'IMAGERIE D'HYPOXIES**  
[72] POLLAK, Alfred, CA  
[72] THORNBACK, John R., CA  
[72] RAUTH, A. M., CA  
[72] BALLINGER, James R., CA  
[72] ZHANG, Xiuguo, CA  
[72] SU, Zi-Fen, CA  
[71] RESOLUTION PHARMACEUTICALS INC., CA  
[22] 1999-03-19  
[43] 2000-09-19

[21] **2,266,299**  
[13]

[51] **Int.Cl. 6C07C 217/48 6C07C 213/10**  
[25] EN  
[54] **PROCESS FOR PREPARATION OF (S)-OXETINE ENANTIOMERS**  
[54] **PROCESSUS DE SYNTHESE D'ENANTIOMERES DE (S)-OXETINE**  
[72] GATTUSO, Mark J., US  
[71] UOP, US  
[22] 1999-03-23  
[43] 2000-09-23

[21] **2,266,304**  
[13]

[51] **Int.Cl. 6A63B 69/00**  
[25] EN  
[54] **SPORTS TRAINING DEVICE**  
[54] **DISPOSITIF D'ENTRAINEMENT SPORTIF**  
[72] HAMMETT, L. Bradley, CA  
[71] HAMMETT, L. Bradley, CA  
[22] 1999-03-23  
[43] 2000-09-23

[21] **2,266,337**  
[13]

[51] **Int.Cl. 6G01S 13/76 6G08B 13/22**  
[25] EN  
[54] **TAG SYSTEM WITH ANTI-COLLISION FEATURES**  
[54] **SYSTEME D'ETIQUETTES AVEC DES CARACTERISTIQUES ANTI-COLLISION**  
[72] FEDERMAN, Vladimir, CA  
[71] DIVERSITY PRODUCTS LTD., CA  
[22] 1999-03-23  
[43] 2000-09-23

[21] **2,266,344**  
[13]

[51] **Int.Cl. 6G08B 13/22**  
[25] EN  
[54] **TAG ASSOCIATION**  
[54] **METHODE D'ETIQUETAGE PAR ASSOCIATION**  
[72] FEDERMAN, Vladimir, CA  
[71] DIVERSITY PRODUCTS LTD., CA  
[22] 1999-03-23  
[43] 2000-09-23

[21] **2,266,351**  
[13]

[51] **Int.Cl. 6F16B 45/00 6B63B 21/06 6F16G 11/14**  
[25] EN  
[54] **ROPE CLEAT**  
[54] **TAQUET POUR CORDAGE**  
[72] PARSONS, Llewellyn Bertram, CA  
[71] 1217145 ONTARIO INC., CA  
[22] 1999-03-23  
[43] 2000-09-23

[21] **2,266,502**  
[13] A1

[51] **Int.Cl. 6B65B 35/30**  
[25] EN  
[54] **LOADER**  
[54] **CHARGEUR**  
[72] GUTTINGER, Peter, CA  
[72] MUNOZ, Oscar J., CA  
[71] LANGEN PACKAGING INC., CA  
[22] 1999-03-22  
[43] 2000-09-22

[21] **2,266,504**  
[13] A1

[51] **Int.Cl. 6A63B 59/14**  
[25] EN  
[54] **MOLDED HOCKEY STICK BLADE AND METHOD OF MAKING SAME**  
[54] **LAME DE BATON DE HOCKEY MOULEE ET METHODE DE FABRICATION**  
[72] MICHAUD, Luc, CA  
[71] PAGATECH, INC., CA  
[22] 1999-03-19  
[43] 2000-09-19

[21] **2,266,563**  
[13] A1

[51] **Int.Cl. 6A01D 90/12 6A01K 5/00 6A01F 29/06**  
[25] EN  
[54] **AGRICULTURAL FEED BAG UNLOADING APPARATUS**  
[54] **APPAREIL POUR VIDER UN SAC A FOURRAGE**  
[72] STRANKMAN, Douglas R., CA  
[71] STRANKMAN, Douglas R., CA  
[22] 1999-03-22  
[43] 2000-09-22

[21] **2,266,606**  
[13] A1

[51] **Int.Cl. 6E04B 1/86 6E04C 2/284**  
[25] FR  
[54] **STRUCTURE MODULAIRE INSONORISANTE**  
[54] **SOUNDPROOFING MODULAR STRUCTURE**  
[72] GAGNON, Benoit, CA  
[71] ACOUSTI-PLUS INC., CA  
[22] 1999-03-19  
[43] 2000-09-19

**Demandes canadiennes mises à la disponibilité du public**  
**17 septembre 2000 - 23 septembre 2000**

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[21] **2,266,709**  
[13]

[51] **Int.Cl. 6B26D 5/12 6D21G 9/00**  
[25] EN  
[54] **PAPER TAIL CUTTER**  
[54] **COUPE-FEUILLE DE PAPIER**  
[72] WICKS, Bryan K., CA  
[71] PROGRESSIVE PAPER SYSTEMS  
INC., CA  
[22] 1999-03-23  
[43] 2000-09-23

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[21] **2,266,713**  
[13]

[51] **Int.Cl. 6H01B 7/00**  
[25] EN  
[54] **ELECTRIC DEVICE, ELECTRIC  
APPARATUS OF LIGHTING DEVICE**  
[54] **DISPOSITIF D'ALIMENTATION  
D'APPAREIL D'ECLAIRAGE**  
[72] PLATZ, Karl-Otto, DE  
[71] GLAS PLATZ, DE  
[22] 1999-03-23  
[43] 2000-09-23

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[21] **2,266,754**  
[13]

[51] **Int.Cl. 6B25G 1/10 6A63C 11/22**  
[25] EN  
[54] **ERGONOMIC HANDGRIP**  
[54] **POIGNEE ERGONOMIQUE**  
[72] TAMARIBUCHI, Stephen K., US  
[71] BIOGRIP, INC., US  
[22] 1999-03-23  
[43] 2000-09-23

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[21] **2,266,804**  
[13] A1

[51] **Int.Cl. 6F02B 43/00 6F02M 31/20**  
[25] EN  
[54] **A COMBINED SYSTEM USING A  
VAPOROUS FUEL MIXTURE ENERGY  
SOURCE AND AN INTERNAL  
COMBUSTION ENGINE AND METHOD  
THEREFOR**  
[54] **SYSTEME COMBINE UTILISANT  
UNE SOURCE D'ENERGIE  
CONSTITUEE D'UN MELANGE DE  
CARBURANTS EN PHASE VAPEUR ET  
UN MOTEUR A COMBUSTION  
INTERNE ET METHODE  
D'UTILISATION**  
[72] STINSON, Gene E., US  
[72] MEISINGER, Phil, US  
[72] WHEELER, Edwin W., US  
[71] ENGINE WORLD, INC., US  
[22] 1999-03-19  
[43] 2000-09-19

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[21] **2,266,806**  
[13]

[51] **Int.Cl. 6F16K 17/00**  
[25] EN  
[54] **SELF-CONTAINED HYDRAULIC  
ESD SYSTEM**  
[54] **SYSTEME ESD HYDRAULIQUE  
AUTONOME**  
[72] ELLETT, James Richard, CA  
[71] ARGUS MACHINE CO. LTD., CA  
[22] 1999-03-23  
[43] 2000-09-23

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[21] **2,266,815**  
[13] A1

[51] **Int.Cl. 6A61F 13/42**  
[25] EN  
[54] **URINE DETECTING AND  
SIGNALLING DEVICE FOR USE IN A  
DIAPER**  
[54] **DISPOSITIF DE DETECTION ET  
DE SIGNALISATION DE PRESENCE  
D'URINE DANS UNE COUCHE**  
[72] WU, Po-Chen, TW  
[71] WU, Ber-Lin, TW  
[22] 1999-03-19  
[43] 2000-09-19

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[21] **2,266,826**  
[13]

[51] **Int.Cl. 6F16B 2/12 6F16B 7/04**  
[25] EN  
[54] **ATTACHMENT DEVICE FOR  
ASSEMBLING A STRUCTURAL  
COMPONENT ON SECTIONAL RAILS**  
[54] **DISPOSITIF DE FIXATION POUR  
L'ASSEMBLAGE D'UN COMPOSANT  
STRUCTURAL SUR DES SECTIONS DE  
RAIL**  
[72] KIRCHNER, Georg, DE  
[72] LEHMANN, Kurt, DE  
[71] HALFEN GMBH & CO.  
KOMMANDITGESELLSCHAFT, DE  
[22] 1999-03-23  
[43] 2000-09-23

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[21] **2,266,835**  
[13]

[51] **Int.Cl. 6B28D 1/22 6C03B 33/10  
6B28D 1/32**  
[25] EN  
[54] **CERAMIC TILE CUTTER-CLEAN-  
UPGRADE KIT**  
[54] **NECESSAIRE DE COUPE, DE  
NETTOYAGE ET DE RESTAURATION  
DE CARREAUX DE CERAMIQUE**  
[72] ANDERSON, Ross, CA  
[71] ANDERSON, Ross, CA  
[22] 1999-03-23  
[43] 2000-09-23

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[21] **2,266,919**  
[13]

[51] **Int.Cl. 6H01S 3/09**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF POUR  
L'EXCITATION D'UNE DECHARGE  
ELECTRIQUE A FREQUENCE ELEVEE  
DANS UN LASER AU GAZ**  
[54] **PROCEDURE AND DEVICE FOR  
CAUSING A HIGH-FREQUENCY  
ELECTRICAL DISCHARGE IN A GAS  
LASER**  
[72] ATEJEV, VLADIMIR, RU  
[71] CMC CINEMA MAGNETIQUE  
COMMUNICATION, FR  
[22] 1999-03-23  
[43] 2000-09-23

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[21] **2,267,150**  
[13]

[51] **Int.Cl. 6F02B 43/10**  
[25] EN  
[54] **SYNGAS COMBUSTOR**  
[54] **CHAMBRE DE COMBUSTION  
POUR GAZ DE SYNTHSE**  
[72] POGGEMOELLER, Larry, CA  
[72] POGGEMOELLER, David, CA  
[71] POGGEMOELLER, Larry, CA  
[71] POGGEMOELLER, David, CA  
[22] 1999-03-23  
[43] 2000-09-23

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[21] **2,268,080**  
[13] A1

[51] **Int.Cl. 6B65D 43/02 6B65D 55/16**  
[25] EN  
[54] **BLUE BOX BONNET**  
[54] **COUVERCLE EN TOILE POUR  
ECOPOUBELLE BLEUE**  
[72] LEHAN, David Ralph, CA  
[71] LEHAN, David Ralph, CA  
[22] 1999-03-22  
[43] 2000-09-22

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[21] **2,268,412**  
[13] A1  
[51] **Int.Cl. 6B65D 19/44**  
[25] EN  
[54] **PALLET-LESS SKID**  
[54] **DISPOSITIF PERMETTANT DE RECUPERER LES PALETTES**  
[72] CHARBONNEAU, Armand J., CA  
[71] CHARBONNEAU, Armand J., CA  
[22] 1999-04-09  
[43] 2000-09-17  
[30] US (09/270,519) 1999-03-17

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[21] **2,270,638**  
[13]  
[51] **Int.Cl. 6E06B 7/08 6E06B 9/02**  
[25] EN  
[54] **LOUVER CONTROL IN A MOVABLE LOUVER ASSEMBLY**  
[54] **COMMANDE DE PERSIENNES DANS UN ENSEMBLE MOBILE**  
[72] GABRIELE, ANGELO, CA  
[71] VINYLBITL SHUTTER SYSTEMS INC., CA  
[22] 1999-05-03  
[43] 2000-09-23  
[30] US (09/274,868) 1999-03-23

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[21] **2,273,834**  
[13] A1  
[51] **Int.Cl. 6C12N 15/10 6A61K 48/00 6C12P 19/34 6C12Q 1/68 6A61K 35/74**  
[25] EN  
[54] **IMMUNOMODULATOR, IMMUNOMODULATOR FOOD AND IMMUNOMODULATOR FEED**  
[54] **IMMUNOMODULATEUR, IMMUNOMODULATEUR SOUS FORME D'ALIMENT POUR LES HUMAINS ET SOUS FORME D'ALIMENT POUR ANIMAUX**  
[72] YAJIMA, Mizuo, JP  
[72] KATSUYAMA, Hiroichi, JP  
[72] MURATA, Kousaku, JP  
[72] FUKUDA, Yasuki, JP  
[71] ASAMA CHEMICAL CO., LTD., JP  
[22] 1999-06-09  
[43] 2000-09-19  
[30] JP (11-75396) 1999-03-19

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[21] **2,276,571**  
[13] A1  
[51] **Int.Cl. 6G01R 31/00 6G01R 31/34**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DIAGNOSING AND CONTROLLING ELECTRIC MACHINES**  
[54] **SYSTEME ET METHODE DE DIAGNOSTIC ET DE COMMANDE DE MACHINES ELECTRIQUES**  
[72] IVANOV, OLEG V., RU  
[72] NECHITAILO, VLADIMIR A., RU  
[72] DREMINE, IGOR M., RU  
[72] FURLETOV, VICTOR I., RU  
[72] TERZIEV, VLADIMIR G., RU  
[71] IVANOV, OLEG V., RU  
[71] NECHITAILO, VLADIMIR A., RU  
[71] DREMINE, IGOR M., RU  
[71] FURLETOV, VICTOR I., RU  
[71] TERZIEV, VLADIMIR G., RU  
[22] 1999-06-29  
[43] 2000-09-19  
[30] RU (99105548/20(005894)) 1999-03-19  
[30] RU (99105603/20(005885)) 1999-03-19

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[21] **2,279,067**  
[13] A1  
[51] **Int.Cl. 6H04M 11/06**  
[25] EN  
[54] **VIRTUAL PHONE LINE ACCESS DEVICE**  
[54] **DISPOSITIF D'ACCES A UNE LIGNE TELEPHONIQUE VIRTUELLE**  
[72] KITTLE, GEORGE T., US  
[72] CARPENTER, WILBUR A., US  
[72] ZABEL, JOHN R., US  
[72] LACIAK, FRANCIS M., US  
[72] FAUSER, DAVID D., US  
[72] CASSELMAN, PATRICK H., US  
[71] MITEL, INC., US  
[22] 1999-07-29  
[43] 2000-09-19  
[30] US (09/273,178) 1999-03-19

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[21] **2,280,114**  
[13] A1  
[51] **Int.Cl. 6B02C 2/04**  
[25] EN  
[54] **ADJUSTMENT FOR ROCK CRUSHER**  
[54] **DISPOSITIF DE REGLAGE POUR CONCASSEUR DE ROCHE**  
[72] HEESZEL, GARY, US  
[72] DRINKWATER, DANIEL C., US  
[72] CLARK, ROGER M., US  
[72] PARKER, GERALD E., US  
[72] PEAKS, DAVID F., US  
[72] ORRE, RANDY, US  
[71] JOHNSON CRUSHERS INTERNATIONAL, INC., US  
[22] 1999-08-12  
[43] 2000-09-18  
[30] US (09/271,507) 1999-03-18

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[21] **2,281,240**  
[13]  
[51] **Int.Cl. 6E21D 21/00**  
[25] EN  
[54] **TENSIONABLE CABLE BOLT**  
[54] **BOULON DE CABLE POUVANT ETRE TENDU**  
[72] TAYLOR, KENDAL L., US  
[72] STANKUS, JOHN C., US  
[71] JENNMAR CORPORATION, US  
[22] 1999-08-31  
[43] 2000-09-23  
[30] US (60/125,723) 1999-03-23

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[21] **2,281,282**  
[13] A1  
[51] **Int.Cl. 6A01H 5/00 6A01H 4/00 6A01N 63/00 6C12Q 1/02**  
[25] EN  
[54] **PLANT CLONAL LINES AND PLANTS HAVING ELEVATED PEROXIDASE ACTIVITY**  
[54] **LIGNEES CLONALES ET PLANTES AYANT UNE PLUS GRANDE ACTIVITE DE LA PEROXYDASE**  
[72] SHETTY, KALIDAS, US  
[72] ZHENG, ZUOXING, US  
[71] UNIVERSITY OF MASSACHUSETTS, US  
[22] 1999-09-01  
[43] 2000-09-17  
[30] US (09/270,546) 1999-03-17

**Demandes canadiennes mises à la disponibilité du public**  
**17 septembre 2000 - 23 septembre 2000**

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[21] **2,281,329**  
[13]

[51] **Int.Cl. 6B65G 45/22 6B65G 45/12 6B65G 45/24**  
[25] EN  
[54] **DEVICE FOR CLEANING OF CONVEYOR BELTS**  
[54] **DISPOSITIF POUR NETTOYER LES BANDES TRANSPORTEUSES**  
[72] KRUMSCHEID, GREGOR, DE  
[71] MASCHINENBAU KRUMSCHEID GMBH, DE  
[22] 1999-09-03  
[43] 2000-09-23  
[30] DE (199 13 361.1) 1999-03-23

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[21] **2,283,031**  
[13] A1

[51] **Int.Cl. 6D02J 1/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TREATING STRAND-LIKE MATERIAL**  
[54] **METHODE ET APPAREIL POUR TRAITER DES MATERIAUX SOUS FORME DE FILS**  
[72] YEH, LING, US  
[72] PHILYAW, JAMES M., US  
[72] SULLIVAN, JAMES P., US  
[71] BASF CORPORATION, US  
[22] 1999-09-22  
[43] 2000-09-22  
[30] US (09/273,900) 1999-03-22

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[21] **2,283,390**  
[13] A1

[51] **Int.Cl. 6A41D 1/06**  
[25] EN  
[54] **ACCESSIBLE CLOTHING**  
[54] **VETEMENT PRATIQUE**  
[72] GRANDCHAMP, LISETTE, CA  
[71] GRANDCHAMP, LISETTE, CA  
[22] 1999-09-02  
[43] 2000-09-17

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[21] **2,285,739**  
[13] A1

[51] **Int.Cl. 6A47C 17/52 6A47C 19/12 6A47C 19/22 6B60P 3/39 6A47C 17/80**  
[25] EN  
[54] **FOLDING VEHICLE BED ASSEMBLY**  
[54] **CHASSIS PLIANT DE VEHICULE**  
[72] JONES, THOMAS G., US  
[71] FLEETWOOD ENTERPRISES, INC., US  
[22] 1999-10-08  
[43] 2000-09-19  
[30] US (09/272,891) 1999-03-19

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[21] **2,286,426**  
[13] A1

[51] **Int.Cl. 6B62D 65/00**  
[25] EN  
[54] **AUTOMATIC DECKING AND AUTOMATIC FASTENING SYSTEM**  
[54] **SYSTEME DE POSITIONNEMENT ET DE FIXATION AUTOMATIQUES**  
[72] FEDATO, RINO A., CA  
[72] CAMPBELL, JOHN, CA  
[71] GENERAL MOTORS CORPORATION, US  
[22] 1999-10-14  
[43] 2000-09-22  
[30] US (09/273,854) 1999-03-22

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[21] **2,287,707**  
[13] A1

[51] **Int.Cl. 6B32B 15/08**  
[25] EN  
[54] **SURFACE TREATMENT OF COPPER TO PREVENT MICROCRACKING IN FLEXIBLE CIRCUITS**  
[54] **TRAITEMENT SUPERFICIEL DU CUIVRE POUR PREVENIR LE MICROFISSURAGE DE CIRCUITS FLEXIBLES**  
[72] MERCHANT, HARISH D., US  
[72] LEE, CHIN-HO, US  
[72] POUTASSE, CHARLES A., US  
[71] GA-TEK INC., US  
[22] 1999-10-26  
[43] 2000-09-17  
[30] US (09/271,640) 1999-03-17

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[21] **2,289,877**  
[13] A1

[51] **Int.Cl. 7B25B 13/46**  
[25] EN  
[54] **RATCHET WRENCH WITH SEALED REVERSING LEVER**  
[54] **CLE A ROCHET A LEVIER DE RENVOI ETANCHE**  
[72] HOPPER, RICHARD L., JR., US  
[72] KESSLER, KENNETH E., US  
[72] NURMI, WILLIAM A., US  
[72] HEILGENTHAL, CHARLES H., US  
[71] SNAP-ON TOOLS COMPANY, US  
[22] 1999-11-17  
[43] 2000-09-18  
[30] US (09/271,968) 1999-03-18

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[21] **2,289,908**  
[13]

[51] **Int.Cl. 7A61L 9/013**  
[25] EN  
[54] **DEODORANT COMPOSITION ESPECIALLY FORMULATED FOR MOTORCARS AND DOMESTIC ENVIRONMENTS, WITH HIGH CHARACTERISTICS OF STABILITY, AND RELEVANT PRODUCTION PROCESS**  
[54] **COMPOSITION DESODORISANTE, DE FORMULATION PARTICULIERE POUR MILIEUX VOITURIERS ET DOMESTIQUES, AYANT DES CARACTERISTIQUES SUPERIEURES DE STABILITE, ET PROCESSUS DE PRODUCTION PERTINENT**  
[72] DE VECCHI, MONNA, CH  
[71] BETA PICTORIS INC., LR  
[22] 1999-11-18  
[43] 2000-09-23  
[30] IT (MI99 A 000586) 1999-03-23

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[21] **2,291,387**  
[13] A1

[51] **Int.Cl. 7A61F 13/491**  
[25] EN  
[54] **MAN'S HYGIENIC ABSORBENT PAD**  
[54] **SERVIETTE HYGIENIQUE ABSORBANTE POUR HOMME**  
[72] CWIKLINSKI, WOJCIECH, CA  
[71] CWIKLINSKI, WOJCIECH, CA  
[22] 1999-11-26  
[43] 2000-09-22  
[30] CA (2,265,093) 1999-03-22

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[21] **2,291,402**  
[13] A1

[51] **Int.Cl. 7H05K 3/22**  
[25] EN  
[54] **STRESS RELIEVED CALL GRID ARRAY PACKAGE**  
[54] **ENSEMBLE DE GRILLE MATRICIELLE A BILLES AVEC REDUCTION DU STRESS THERMIQUE**  
[72] JOHNSON, ERIC A., US  
[72] KRESGE, JOHN S., US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1999-12-02  
[43] 2000-09-19  
[30] US (09/272,517) 1999-03-19

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[21] **2,291,568**  
[13] A1  
[51] **Int.Cl. 7C09J 179/02 7H01L 23/18**  
[25] EN  
[54] **FLIP-CHIP PACKAGE WITH OPTIMIZED ENCAPSULANT ADHESION AND METHOD**  
[54] **ENSEMBLE DE PUCES A PROTUBERANCES AVEC COLLAGE OPTIMALISE DE L'AGENT D'ENCAPSULATION ET METHODE D'ASSEMBLAGE**  
[72] TRAN, SON K., US  
[72] MATIENZO, LUIS J., US  
[72] KODNANI, RAMESH R., US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1999-12-02  
[43] 2000-09-19  
[30] US (09/272,518) 1999-03-19

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[21] **2,292,083**  
[13] A1  
[51] **Int.Cl. 7H04L 29/10 7H04L 12/56**  
[25] EN  
[54] **POS-PHY INTERFACE FOR INTERCONNECTION OF PHYSICAL LAYER DEVICES AND LINK LAYER DEVICES**  
[54] **INTERFACE POS-PHY POUR L'INTERCONNEXION DE DISPOSITIFS DE LA COUCHE PHYSIQUE ET DE DISPOSITIFS DE LA COUCHE DE LIAISON**  
[72] KARR, TRAVIS JAMES, CA  
[72] CHALIFOUX, MARTIN, CA  
[72] STEEDMAN, RICHARD A. J., CA  
[72] CARR, LARRIE S., CA  
[72] MOK, WINSTON, CA  
[71] PMC-SIERRA, INC., CA  
[22] 1999-12-13  
[43] 2000-09-17  
[30] CA (2,265,346) 1999-03-17

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[21] **2,292,261**  
[13]  
[51] **Int.Cl. 7C11D 17/06 7C11D 1/22 7C11D 3/37**  
[25] EN  
[54] **POWDER LAUNDRY DETERGENT HAVING ENHANCED SOIL SUSPENDING PROPERTIES**  
[54] **DETERGENT A LESSIVE EN POUDRE AYANT DES PROPRIETES AMELIOREES DE DISPERSION DES SALISSURES**  
[72] RODRIGUES, KLEIN A., US  
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US  
[22] 1999-12-14  
[43] 2000-09-23  
[30] US (09/274,838) 1999-03-23

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[21] **2,292,264**  
[13]  
[51] **Int.Cl. 7C11D 17/06 7C11D 1/22 7C11D 3/37**  
[25] EN  
[54] **POLYMER HAVING A HYDROPHILIC BACKBONE AND HYDROPHOBIC SIDE CHAINS AS SOIL SUSPENDING AGENT IN POWDER DETERGENTS**  
[54] **POLYMER A SQUELETTE HYDROPHILE ET CHAINES LATERALES HYDROPHOBES, SERVANT D'AGENT DE DISPERSION DES SALISSURES DANS LES DETERGENTS EN POUDRE**  
[72] RODRIGUES, KLEIN A., US  
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US  
[22] 1999-12-14  
[43] 2000-09-23  
[30] US (09/274,977) 1999-03-23

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[21] **2,292,693**  
[13] A1  
[51] **Int.Cl. 7B60K 5/12 7B60K 17/00**  
[25] EN  
[54] **MOUNT ASSEMBLY FOR AUTOMOTIVE POWER PLANT**  
[54] **SUPPORTS POUR MOTEUR D'AUTOMOBILE**  
[72] PARK, KI-TAEK, KR  
[71] HYUNDAI MOTOR COMPANY, KR  
[22] 1999-12-17  
[43] 2000-09-22  
[30] KR (99-9624) 1999-03-22

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[21] **2,293,881**  
[13] A1  
[51] **Int.Cl. 7E04H 15/22**  
[25] EN  
[54] **FAN DOME AND SUPPORTIVE MEANS**  
[54] **DOME DE VENTILATEUR ET SUPPORT**  
[72] LESLIE, THOMAS A., US  
[71] LESLIE, THOMAS A., US  
[22] 2000-01-04  
[43] 2000-09-19  
[30] US (09/272,492) 1999-03-19

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[21] **2,293,908**  
[13] A1  
[51] **Int.Cl. 7A47F 5/00 7G09F 3/18**  
[25] EN  
[54] **UNIVERSAL TWO-PIECE LABEL HOLDER SYSTEM FOR HOOKS**  
[54] **SYSTEME DE PORTE-ETIQUETTE UNIVERSEL EN DEUX PARTIES POUR CROCHETS**  
[72] GEBKA, JOHN, US  
[71] FAST INDUSTRIES, LTD., US  
[22] 1999-12-29  
[43] 2000-09-17  
[30] US (09/271,361) 1999-03-17

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[21] **2,293,994**  
[13]  
[51] **Int.Cl. 7A63F 3/06 7G06K 9/00**  
[25] EN  
[54] **LOTTERY TICKET HAVING ULTRAVIOLET CURED PROTECTIVE COATING**  
[54] **BILLET DE LOTERIE COMPRENANT UN REVETEMENT DE PROTECTION SECHE AUX ULTRAVIOLETS**  
[72] HOLMAN, STEPHEN JOHN, AU  
[71] OBERTHUR GAMING TECHNOLOGIES, INC., CA  
[22] 2000-01-07  
[43] 2000-09-23  
[30] US (09/274,386) 1999-03-23

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[21] **2,294,832**  
[13] A1

[51] **Int.Cl. 7H04Q 7/32 7H04M 1/725**  
[25] FR  
[54] **TELEPHONE PORTABLE AVEC  
VOLET ARTICULE PAR RAPPORT AU  
BOITIER**  
[54] **PORTABLE TELEPHONE WITH  
ATTACHED HINGED FLAP**  
[72] HIEBEL, CLAUDE, FR  
[71] ALCATEL, FR  
[22] 2000-01-07  
[43] 2000-09-22  
[30] FR (99 03 516) 1999-03-22

[21] **2,295,428**  
[13] A1

[51] **Int.Cl. 7C08L 33/02 7C08L 9/00  
7C08L 55/02 7C08L 51/04 7C08L 23/16**  
[25] EN  
[54] **IONOMER/RUBBER/POLYOLEFIN  
BLEND AND USES THEREOF**  
[54] **MELANGE D'IONOMERE, DE  
CAOUTCHOUC ET DE POLYOLEFINE  
ET SES UTILISATIONS**  
[72] ADAM, ALAIN C., US  
[72] FAIRCHILD, BRIAN D., US  
[72] KINSEY, ROY H., US  
[72] SHAH, ANITA, US  
[72] SMITH, DENNIS C., US  
[71] A. SCHULMAN, INC., US  
[22] 2000-01-06  
[43] 2000-09-18  
[30] US (09/271,776) 1999-03-18

[21] **2,295,473**  
[13] A1

[51] **Int.Cl. 7C08J 11/04 7C08L 69/00  
7C08L 55/02**  
[25] EN  
[54] **ABS RECYCLING PROCESS**  
[54] **PROCEDE DE RECYCLAGE DE  
PLASTIQUE ABS**  
[72] KENDALL, ERIC W., US  
[72] HOELSCHER, FINIAN E., US  
[72] ORISEH, ANTHONY S., US  
[72] CLOUD, FRANK B., US  
[72] LEE, YEIN MING, US  
[72] ODSTRCIL, KENNETH W., US  
[72] GONZALES, JAMES E., US  
[72] KREJCHI, MARK T., US  
[72] MAFOTI, ROBSON M., US  
[71] PREMARK RWP HOLDINGS, INC.,  
US  
[22] 2000-01-14  
[43] 2000-09-17  
[30] US (09/270,778) 1999-03-17

[21] **2,295,787**  
[13] A1

[51] **Int.Cl. 7C08J 11/04 7C08F 236/06  
7C08F 236/12 7C08J 5/18**  
[25] EN  
[54] **ABS SUBSTRATE EXTRUSION  
PROCESS**  
[54] **PROCEDE D'EXTRUSION DE  
SUBSTRATS EN PLASTIQUE ABS**  
[72] ORISEH, ANTHONY S., US  
[72] GAA, PETER C., US  
[72] LEE, YEIN MING, US  
[72] MAHAN, ROSS MICHAEL, US  
[72] KREJCHI, MARK T., US  
[72] MAFOTI, ROBSON M., US  
[71] PREMARK RWP HOLDINGS, INC.,  
US  
[22] 2000-01-14  
[43] 2000-09-17  
[30] US (09/270,777) 1999-03-17

[21] **2,296,200**  
[13] A1

[51] **Int.Cl. 7A45D 40/00**  
[25] EN  
[54] **COMPOSITION AND  
MANUFACTURE OF TOPICAL  
PHARMACEUTICAL AND COSMETIC  
SEMI -SOLID POST-FOAMING  
DOSAGE FORMS IN A POUCH**  
[54] **COMPOSITION ET FABRICATION  
DE FORMES POSOLOGIQUES SEMI-  
SOLIDES TOPIQUES A MOUSSAGE  
CONTROLE D'USAGE  
PHARMACEUTIQUE ET  
COSMETIQUE DANS UN SACHET**  
[72] GERIA, NAVIN MANOHAR, US  
[72] MELILLO, JOSEPH, JP  
[71] WARNER LAMBERT COMPANY, US  
[22] 2000-01-17  
[43] 2000-09-19  
[30] US (09/272540) 1999-03-19

[21] **2,296,259**  
[13] A1

[51] **Int.Cl. 7F04B 53/14 7F04B 53/02**  
[25] EN  
[54] **WOBBLE PISTON AND SEAL  
ASSEMBLY FOR OIL FREE  
COMPRESSOR**  
[54] **ENSEMBLE PISTON OSCILLANT  
ET JOINT D'ETANCHEITE POUR  
COMPRESSEUR LUBRIFIE A SEC**  
[72] WOOD, MARK W., US  
[71] DEVILBISS AIR POWER COMPANY,  
US  
[22] 2000-01-19  
[43] 2000-09-22  
[30] US (09/273,585) 1999-03-22

[21] **2,296,454**  
[13]

[51] **Int.Cl. 7G09F 9/00**  
[25] EN  
[54] **SYSTEM AND METHOD OF  
CONSOLIDATING INFORMATION  
FOR DISPLAY BY ELECTRONIC  
PRICE LABELS**  
[54] **SYSTEME ET METHODE DE  
REGROUPEMENT D'INFORMATION A  
AFFICHER PAR DES ETIQUETTES DE  
PRIX ELECTRONIQUES**  
[72] GOODWIN, JOHN C., III, US  
[72] ZIMMERMAN, TERRY L., US  
[71] NCR CORPORATION, US  
[22] 2000-01-19  
[43] 2000-09-23  
[30] US (09/274,411) 1999-03-23

[21] **2,296,456**  
[13]

[51] **Int.Cl. 7G09F 9/00**  
[25] EN  
[54] **SYSTEM AND METHOD OF  
DISPLAYING INFORMATION BY AN  
ELECTRONIC PRICE LABEL**  
[54] **SYSTEME ET METHODE  
D'AFFICHAGE D'INFORMATION PAR  
UNE ETIQUETTE DE PRIX  
ELECTRONIQUE**  
[72] ZIMMERMAN, TERRY L., US  
[72] GOODWIN, JOHN C., III, US  
[71] NCR CORPORATION, US  
[22] 2000-01-19  
[43] 2000-09-23  
[30] US (09/274,410) 1999-03-23

[21] **2,296,864**  
[13]

[51] **Int.Cl. 7A47G 27/02 7A47L 23/22**  
[25] EN  
[54] **UNIVERSAL MAT WITH  
REMOVABLE STRIPS**  
[54] **TAPIS UNIVERSEL A BANDES  
AMOVIBLES**  
[72] KESSLER, RONALD M., US  
[72] ULLMAN, MYRON, US  
[72] BURMAN, M. ROBERT, US  
[71] R & L MARKETING AND SALES,  
INC., US  
[22] 2000-01-25  
[43] 2000-09-23  
[30] US (09/274,360) 1999-03-23



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[21] **2,296,883**  
[13] A1  
[51] **Int.Cl. 7F16B 25/00 7F16B 33/02**  
[25] EN  
[54] **FASTENER HAVING PRIMARY AND SECONDARY THREADS**  
[54] **DISPOSITIF DE FIXATION A FILETAGES PRIMAIRE ET SECONDAIRE**  
[72] HSING, JOHN J., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-01-24  
[43] 2000-09-17  
[30] US (09/270,637) 1999-03-17

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[21] **2,297,304**  
[13]  
[51] **Int.Cl. 7H04Q 1/20**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ENSURING SURVIVABILITY OF INTER-RING TRAFFIC**  
[54] **METHODE ET APPAREILLAGE POUR GARANTIR LA SURVIE DE TRAFIC INTER-ANNEAUX**  
[72] STEELE, DAVID, CA  
[72] CAPORUSCIO, ROBERT, CA  
[72] PHELPS, PETER, CA  
[72] DE BOER, EVERT, CA  
[72] PARÉ, LOUIS-RENÉ, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-01-18  
[43] 2000-09-23  
[30] US (09/273,772) 1999-03-23

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[21] **2,297,425**  
[13] A1  
[51] **Int.Cl. 7H04L 12/54**  
[25] EN  
[54] **MESSAGE BROKER PROVIDING A PUBLISH/SUBSCRIBE SERVICE AND METHOD OF PROCESSING MESSAGES IN A PUBLISH/SUBSCRIBE ENVIRONMENT**  
[54] **COURTIER DE MESSAGES OFFRANT UN SERVICE DE PUBLICATION/ABONNEMENT ET METHODE DE TRAITEMENT DES MESSAGES DANS UN ENVIRONNEMENT DE PUBLICATION/ABONNEMENT**  
[72] IBBOTSON, JOHN BRIAN, GB  
[72] BIRD, COLIN LEONARD, GB  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2000-01-28  
[43] 2000-09-19  
[30] GB (9906231.7) 1999-03-19

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[21] **2,297,505**  
[13]  
[51] **Int.Cl. 7C08L 45/00 7C08L 7/00 7C08L 9/00 7C08L 47/00**  
[25] EN  
[54] **TIRE WITH EPDM-BASED COMPONENT**  
[54] **PNEU AVEC COMPOSANT A BASE D'EPDM**  
[72] CORVASCE, FILOMENO GENNARO, LU  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-01-31  
[43] 2000-09-23  
[30] US (09/274,171) 1999-03-23

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[21] **2,297,508**  
[13]  
[51] **Int.Cl. 7C08L 7/00 7C08L 9/00 7C08L 23/06 7C08L 3/12**  
[25] EN  
[54] **TIRE WITH SIDEWALL RUBBER INSERT**  
[54] **PNEU AVEC PIECE DE CAOUTCHOUC SUR LE FLANC**  
[72] CORVASCE, FILOMENO GENNARO, LU  
[72] THIELEN, GEORGES MARCEL VICTOR, LU  
[72] HENOUMONT, MARC JULES ALEXIS, BE  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-01-31  
[43] 2000-09-23  
[30] US (09/274,173) 1999-03-23

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[21] **2,297,524**  
[13] A1  
[51] **Int.Cl. 7F16F 7/00 7B29C 45/16 7F16F 1/36**  
[25] EN  
[54] **TWO-PART RESILIENT BUMPER AND METHOD THEREFOR**  
[54] **BUTOIR AMORTISSEUR EN DEUX PARTIES ET METHODE**  
[72] LINDQUIST, JOHN E., US  
[72] PLIMI, FRANK V., JR., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-01-31  
[43] 2000-09-22  
[30] US (09/273,864) 1999-03-22

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[21] **2,297,993**  
[13] A1  
[51] **Int.Cl. 7G06F 11/30**  
[25] EN  
[54] **METHOD AND SYSTEM MONITORING CONFIGURATION CHANGES IN A DATA PROCESSING SYSTEM**  
[54] **METHODE ET SYSTEME DE MODIFICATION DE CONFIGURATION DE SURVEILLANCE DANS UN SYSTEME INFORMATIQUE**  
[72] MUELLER, MARK WAYNE, US  
[72] WALTER, LUCINDA MAE, US  
[72] TUTEN, WALLACE G., US  
[72] THOMSEN, PETER MATTHEW, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2000-02-04  
[43] 2000-09-17  
[30] US (09/271,231) 1999-03-17

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[21] **2,298,085**  
[13] A1  
[51] **Int.Cl. 7G01H 7/00**  
[25] EN  
[54] **EDGE DETECTION AND SEAM TRACKING WITH EMATS**  
[54] **DETECTION DE BORDURE ET SUIVI DE COUTURE AU MOYEN DE TRANSDUCTEURS EMAT**  
[72] MACLAUHLAN, DANIEL T., US  
[72] STEVENS, DONALD M., US  
[72] BERBAKOV, PAUL J., US  
[71] MCDERMOTT TECHNOLOGY, INC., US  
[22] 2000-02-03  
[43] 2000-09-18  
[30] US (09/271,742) 1999-03-18

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[21] **2,298,143**  
[13] A1  
[51] **Int.Cl. 7E05B 73/00**  
[25] EN  
[54] **AN ANTI-THEFT ELEMENT IN AN ANTI-THEFT DEVICE**  
[54] **ELEMENT ANTIVOL DANS UN DISPOSITIF ANTIVOL**  
[72] GUSTAVSSON, BO, SE  
[72] STOLTZ, KLAS, SE  
[71] FÄRGKLÄMMAN AB, SE  
[22] 2000-02-09  
[43] 2000-09-17  
[30] SE (9900964-9) 1999-03-17

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[21] **2,298,286**  
[13] A1

[51] **Int.Cl. 7B61H 15/00 7B61H 13/24 7B61H 13/34**  
[25] EN  
[54] **AN ADAPTER SYSTEM FOR A RAILWAY VEHICLE BRAKING SYSTEM**  
[54] **ADAPTEUR POUR SYSTEME DE FREINAGE DE VEHICULE FERROVIAIRE**  
[72] DAUGHERTY, DAVID W., JR., US  
[72] GRAVES, ERIC S., US  
[72] MORIARITY, MICHAEL J., US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 2000-02-04  
[43] 2000-09-22  
[30] US (273,398) 1999-03-22

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[21] **2,298,331**  
[13] A1

[51] **Int.Cl. 7B02C 13/10**  
[25] EN  
[54] **APPARATUS FOR RELIEVING THE LOAD ON ADJUSTING RODS OF A CRUSHER**  
[54] **APPAREIL POUR RELACHER LA CHARGE SUR LES TIGES DE REGLAGE D'UN CONCASSEUR**  
[72] YOUNG, GREGORY A., US  
[71] CEDARAPIDS INC., US  
[22] 2000-02-14  
[43] 2000-09-20  
[30] US (09/272,992) 1999-03-20

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[21] **2,298,332**  
[13] A1

[51] **Int.Cl. 7B02C 13/28**  
[25] EN  
[54] **SHOE MOUNTING BRACKET FOR A VERTICAL SHAFT IMPACT CRUSHER AND LINER FOR SAME**  
[54] **FERRURE DE MONTAGE DE SABOT POUR CONCASSEUR A PERCUSSION A ARBRE VERTICAL ET CHEMISAGE CONNEXE**  
[72] STEMPER, MIKE, US  
[72] BOTTON, ALBERT D., US  
[72] YOUNG, GREGORY A., US  
[71] CEDARAPIDS INC., US  
[22] 2000-02-14  
[43] 2000-09-22  
[30] US (09/273,790) 1999-03-22

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[21] **2,298,334**  
[13] A1

[51] **Int.Cl. 7B02C 13/286**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ADAPTING A CRUSHER FOR USE WITH DIFFERENT MATERIALS**  
[54] **METHODE ET APPAREIL D'ADAPTATION D'UN CONCASSEUR POUR UTILISATION AVEC DES MATERIAUX DIVERS**  
[72] YOUNG, GREGORY A., US  
[71] CEDARAPIDS INC., US  
[22] 2000-02-14  
[43] 2000-09-20  
[30] US (09/272,993) 1999-03-20

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[21] **2,298,365**  
[13] A1

[51] **Int.Cl. 7B02C 1/04**  
[25] EN  
[54] **DEVICE FOR SECURING THE STATIONARY JAW OF A JAW CRUSHER**  
[54] **DISPOSITIF D'ARRIMAGE DE MACHOIRE FIXE D'UN CONCASSEUR A MACHOIRES**  
[72] OSTERGAARD, DAVID A., US  
[71] CEDARAPIDS INC., US  
[22] 2000-02-14  
[43] 2000-09-20  
[30] US (09/272,991) 1999-03-20

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[21] **2,298,381**  
[13] A1

[51] **Int.Cl. 7B07B 1/42 7B65G 45/02**  
[25] EN  
[54] **LUBRICATING SYSTEM FOR A VIBRATORY APPARATUS**  
[54] **SYSTEME DE LUBRIFICATION POUR APPAREIL VIBRANT**  
[72] OSTERGAARD, DAVID A., US  
[72] KNOX, KAREN L., US  
[72] SAUSER, EDWIN J., US  
[71] CEDARAPIDS INC., US  
[22] 2000-02-14  
[43] 2000-09-22  
[30] US (09/274,161) 1999-03-22

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[21] **2,298,411**  
[13] A1

[51] **Int.Cl. 7C10K 1/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR FILTERING HOT SYNGAS**  
[54] **METHODE ET APPAREIL DE FILTRATION DE GAZ DE SYNTHESE CHAUD**  
[72] KISIK, ANDREW F., US  
[72] KNEIDEL, KURT E., US  
[72] McILROY, ROBERT A., US  
[72] PERNA, MARK A., US  
[71] MCDERMOTT TECHNOLOGY, INC., US  
[22] 2000-02-14  
[43] 2000-09-18  
[30] US (09/271,741) 1999-03-18

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[21] **2,298,415**  
[13] A1

[51] **Int.Cl. 7B02C 1/04**  
[25] EN  
[54] **DOUBLE WEDGE KEY PLATES FOR A JAW CRUSHER**  
[54] **ENTREES DE SERRURE A TAILLANT DOUBLE POUR CONCASSEUR A MACHOIRES**  
[72] OSTERGAARD, DAVID A., US  
[71] CEDARAPIDS INC., US  
[22] 2000-02-14  
[43] 2000-09-20  
[30] US (09/272,934) 1999-03-20

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[21] **2,298,416**  
[13] A1

[51] **Int.Cl. 7B02C 13/10**  
[25] EN  
[54] **APPARATUS FOR CONTROLLING THE ADJUSTING RODS OF A CRUSHER**  
[54] **APPAREIL POUR COMMANDER LES TIGES REGLABLES D'UN CONCASSEUR**  
[72] BOTTON, ALBERT D., US  
[72] YOUNG, GREGORY A., US  
[71] CEDARAPIDS INC., US  
[22] 2000-02-14  
[43] 2000-09-22  
[30] US (09/274,712) 1999-03-22

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[21] **2,298,724**  
[13] A1  
[51] **Int.Cl. 7B02C 13/14**  
[25] EN  
[54] **TABLE REINFORCING RING FOR A VERTICAL SHAFT IMPACT CRUSHER**  
[54] **ANNEAU DE RENFORCEMENT DE TABLE POUR CONCASSEUR A PERCUSSION A ARBRE VERTICAL**  
[72] YOUNG, GREGORY A., US  
[72] STEMPER, MICHAEL, US  
[71] CEDARAPIDS INC., US  
[22] 2000-02-16  
[43] 2000-09-22  
[30] US (09/273,587) 1999-03-22

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[21] **2,298,730**  
[13] A1  
[51] **Int.Cl. 7B66C 17/00 7B66C 17/20 7B66D 1/22**  
[25] EN  
[54] **HOIST**  
[54] **PALAN**  
[72] MIYAZAWA, ISAO, JP  
[72] ASANO, HIROSHI, JP  
[72] NOUI, KUNIO, JP  
[71] ISHIKAWAJIMA-HARIMA JUKOGYO KABUSHIKI KAISHA, JP  
[22] 2000-02-11  
[43] 2000-09-18  
[30] JP (11-73553) 1999-03-18  
[30] JP (11-97421) 1999-04-05  
[30] JP (11-109411) 1999-04-16  
[30] JP (11-187792) 1999-07-01

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[21] **2,298,861**  
[13] A1  
[51] **Int.Cl. 7H02G 3/08 7B65H 75/02 7G02B 6/46**  
[25] EN  
[54] **PANEL FOR MANAGING JUMPER STORAGE**  
[54] **PANNEAU DE GESTION DU STOCKAGE DES CAVALIERS**  
[72] GORDON, CARRIE LYNN, US  
[72] NOBLE, JENNIFER D., US  
[71] SIECOR OPERATIONS, LLC, US  
[22] 2000-02-17  
[43] 2000-09-19  
[30] US (09/272,949) 1999-03-19

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[21] **2,298,910**  
[13] A1  
[51] **Int.Cl. 7F16L 37/28 7F16L 37/40**  
[25] EN  
[54] **DEVICE WHICH COMPRISES A RAPID-COUPLING PART CONNECTABLE TO A SYSTEM OF PRESSURIZABLE FLUID AND SUCH A RAPID-COUPLING PART**  
[54] **DISPOSITIF COMPORTANT UNE PARTIE A RACCORD RAPIDE POUVANT ETRE CONNECTEE A UN SYSTEME DE FLUIDE POUVANT ETRE MIS SOUS PRESSION ET PIECE A RACCORD RAPIDE**  
[72] EKMAN, THURE, SE  
[71] DART ENGINEERING AG, CH  
[22] 2000-02-17  
[43] 2000-09-17  
[30] SE (9900952-4) 1999-03-17

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[21] **2,298,970**  
[13] A1  
[51] **Int.Cl. 7H01M 8/06 7H01M 8/10**  
[25] EN  
[54] **SOLID OXIDE FUEL CELL BURNER SYSTEM AND METHOD FOR GENERATING HEAT THEREFROM**  
[54] **BRULEUR DE PILE A COMBUSTIBLE A OXYDE SOLIDE ET METHODE POUR PRODUIRE DE LA CHALEUR A L'AIDE DE CELUI-CI**  
[72] KHANDKAR, ASHOK C., US  
[72] HARTVIGSEN, JOSEPH JAY, US  
[71] SOFCO, US  
[22] 2000-02-18  
[43] 2000-09-18  
[30] US (09/272,188) 1999-03-18

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[21] **2,299,060**  
[13]  
[51] **Int.Cl. 7A61G 17/00 7A61G 17/04**  
[25] EN  
[54] **CASKET HARDWARE WITH INTERCHANGEABLE COMPONENTS**  
[54] **QUINCAILLERIE DE CERCUEIL AVEC COMPOSANTS INTERCHANGEABLES**  
[72] LAPHAN, DENNIS C., US  
[72] ROJDEV, ILIJA, US  
[71] BATESVILLE SERVICES, INC., US  
[22] 2000-02-22  
[43] 2000-09-23  
[30] US (09/274,610) 1999-03-23

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[21] **2,299,070**  
[13] A1  
[51] **Int.Cl. 7A01D 34/412 7A01D 34/64 7A01D 34/76 7A01D 34/835**  
[25] EN  
[54] **SELF-POWERED BRUSH CUTTER**  
[54] **DEBROUSSAILLEUSE A ALIMENTATION PROPRE**  
[72] ASSELIN, JEAN-GUY, CA  
[72] FORTIER, RAYMOND, CA  
[71] SYLFOR INC., CA  
[22] 2000-02-17  
[43] 2000-09-19  
[30] US (09/272,567) 1999-03-19

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[21] **2,299,075**  
[13] A1  
[51] **Int.Cl. 7G01N 37/00 7G01N 27/416 7G01N 21/78**  
[25] EN  
[54] **MULTILAYERED ANALYTICAL DEVICE**  
[54] **DISPOSITIF ANALYTIQUE MULTICOUCHE**  
[72] BRAUN, HANS-PETER, DE  
[72] ZIMMER, VOLKER, DE  
[71] ROCHE DIAGNOSTICS GMBH, DE  
[22] 2000-02-22  
[43] 2000-09-19  
[30] DE (199 12 365.9) 1999-03-19

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[21] **2,299,132**  
[13] A1

[51] **Int.Cl. 7H04L 12/44 7H04B 10/20**  
[25] EN  
[54] **A METHOD TO PERFORM CENTRAL CONTROL, A LINE TERMINATOR AND AN ELEMENT CONTROLLER REALIZING SUCH A METHOD AND A TREE-LIKE NETWORK INCLUDING SUCH A LINE TERMINATOR AND AN ELEMENT CONTROLLER**  
[54] **METHODE PERMETTANT D'ASSURER LE CONTROLE CENTRALISE, DISPOSITIF D'EXTREMITE DE LIGNE ET CONTROLEUR D'ELEMENT APPLIQUANT CETTE METHODE AVEC UN RESEAU A STRUCTURE ARBORESCENTE COMPORTANT UN TEL DISPOSITIF D'EXTREMITE DE LIGNE ET UN CONTROLEUR D'ELEMENT**  
[72] VETTER, PETER JOHANNES, BE  
[72] VAN DE VOORDE, INGRID ZULMA BENOIT, BE  
[72] MARTIN, CLAIRE, BE  
[72] SLABBINCK, HANS, BE  
[71] ALCATEL, FR  
[22] 2000-02-22  
[43] 2000-09-17  
[30] EP (99400656.7) 1999-03-17

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[21] **2,299,194**  
[13] A1

[51] **Int.Cl. 7E04D 13/00 7E04B 7/18**  
[25] EN  
[54] **ROOF CONSTRUCTION**  
[54] **TOIT**  
[72] RICHARDSON, CHRISTOPHER, GB  
[71] ULTRAFRAME (UK) LIMITED, GB  
[22] 2000-02-23  
[43] 2000-09-18  
[30] GB (9906078.2) 1999-03-18

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[21] **2,299,220**  
[13] A1

[51] **Int.Cl. 7E04D 3/06 7E04B 7/18**  
[25] EN  
[54] **GLAZED ROOF CONSTRUCTION**  
[54] **TOITURE A PETIT BOIS**  
[72] RICHARDSON, CHRISTOPHER, GB  
[71] ULTRAFRAME (UK) LIMITED, GB  
[22] 2000-02-23  
[43] 2000-09-17  
[30] GB (9906088.1) 1999-03-17

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[21] **2,299,223**  
[13] A1

[51] **Int.Cl. 7E04B 7/20 7E04B 5/48 7E04C 2/52**  
[25] EN  
[54] **INSTALLATION OF ROOFING PANELS**  
[54] **POSE DE PANNEAUX DE COUVERTURE**  
[72] RICHARDSON, CHRISTOPHER, GB  
[71] ULTRAFRAME (UK) LIMITED, GB  
[22] 2000-02-23  
[43] 2000-09-17  
[30] GB (9906083.2) 1999-03-17

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[21] **2,299,431**  
[13] A1

[51] **Int.Cl. 7B65H 19/26 7B65H 35/10**  
[25] EN  
[54] **APPARATUS AND METHOD FOR CLEANLY BREAKING A CONTINUOUSLY ADVANCING CELLULOSE WEB**  
[54] **APPAREIL ET METHODE PERMETTANT D'OBTENIR DES SECTIONS NETTES DANS UNE BANDE DE CELLULOSE A AVANCE CONTINUE**  
[72] HORTON, RICHARD AMES, US  
[72] GRAY, ROBERT LEE, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 2000-02-23  
[43] 2000-09-22  
[30] US (09/272,728) 1999-03-22

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[21] **2,299,544**  
[13] A1

[51] **Int.Cl. 7F21L 4/00 7F21V 21/30**  
[25] EN  
[54] **HALOGEN UTILITY LIGHT**  
[54] **BALADEUSE A LAMPE HALOGENE**  
[72] KOVACIK, JAMES D., US  
[72] BLANCH, PAUL S., US  
[72] GRZYWNA, STANLEY E., US  
[71] ALERT SAFETY LITE PRODUCTS CO., INC., US  
[22] 2000-02-25  
[43] 2000-09-17  
[30] US (09/271,628) 1999-03-17

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[21] **2,299,681**  
[13] A1

[51] **Int.Cl. 7C03C 13/06**  
[25] EN  
[54] **MINERAL WOOL COMPOSITION WITH ENHANCED BIOSOLUBILITY AND THERMOSTABILITY**  
[54] **COMPOSITION DE LAINE MINERALE A BIOSOLUBILITE ET A THERMOSTABILITE AMELIOREES**  
[72] OLESKE, PETER J., US  
[72] BRUN, PIERRE, FR  
[71] ARMSTRONG WORLD INDUSTRIES, INC., US  
[22] 2000-02-28  
[43] 2000-09-22  
[30] US (09/273,370) 1999-03-22

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[21] **2,299,705**  
[13] A1

[51] **Int.Cl. 7C08K 9/02 7C08K 3/34**  
[25] EN  
[54] **NANOCOMPOSITES FORMED BY ONIUM ION-INTERCALATED CLAY AND RIGID ANHYDRIDE-CURED EPOXY RESINS**  
[54] **NANOCOMPOSITES CONSTITUES D'UNE ARGILE CONTENANT DES IONS ONIUM INTERCALAIRES ET DE RESINES EPOXY RIGIDES DURCIES A L'ANHYDRIDE**  
[72] LAN, TIE, US  
[72] WESTPHAL, ERIN K., US  
[71] AMCOL INTERNATIONAL CORPORATION, US  
[22] 2000-02-28  
[43] 2000-09-19  
[30] US (09/272,277) 1999-03-19

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[21] **2,299,718**  
[13] A1

[51] **Int.Cl. 7B62K 17/00 7B62M 27/00 7B62M 29/00**  
[25] EN  
[54] **SNOW CYCLE**  
[54] **BICYCLETTE A NEIGE**  
[72] MILLSTEIN, JOSHUA, US  
[71] MILLSTEIN, JOSHUA, US  
[22] 2000-02-29  
[43] 2000-09-22  
[30] US (09/273,590) 1999-03-22

**Canadian Laid-Open Applications**  
**September 17, 2000 - September 23, 2000**

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[21] **2,299,733**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36**  
[25] EN  
[54] **DISTRIBUTED TOPOLOGY LEARNING METHOD AND APPARATUS FOR WIRELESS NETWORKS**  
[54] **METHODE ET APPAREILLAGE D'APPRENTISSAGE A TOPOLOGIE REPARTIE POUR RESEAUX SANS FIL**  
[72] CLARE, LOREN P., US  
[72] AGRE, JONATHAN R., US  
[71] ROCKWELL SCIENCE CENTER, LLC, US  
[22] 2000-02-29  
[43] 2000-09-23  
[30] US (09/274,827) 1999-03-23

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[21] **2,299,761**  
[13] A1

[51] **Int.Cl. 7C01B 33/44 7C08K 9/04**  
[25] EN  
[54] **LAYERED COMPOSITIONS WITH MULTI-CHARGED ONIUM IONS AS EXCHANGE CATIONS, AND THEIR APPLICATION TO PREPARE MONOMER, OLIGOMER AND POLYMER INTERCALATES AND NANOCOMPOSITES PREPARED WITH THE LAYERED COMPOSITIONS OF THE INTERCALATES**  
[54] **COMPOSITIONS EN COUCHES CONTENANT DES IONS ONIUM A CHARGES MULTIPLES COMME CATIONS ECHANGEABLES, ET APPLICATION DE CES COMPOSITIONS POUR PREPARER DES COMPOSES INTERCALAIRES SOUS FORME DE MONOMERES, D'OLIGOMERES ET DE POLYMERES ET NANOCOMPOSITES PREPARES A PARTIR DES COMPOSITIONS EN COUCHES DES COMPOSES INTERCALAIRES**  
[72] LIANG, YING, US  
[72] PSIHOGIOS, VASILIKI, US  
[72] WESTPHAL, ERIN K., US  
[72] LAN, TIE, US  
[71] AMCOL INTERNATIONAL CORPORATION, US  
[22] 2000-02-29  
[43] 2000-09-19  
[30] US (09/272,279) 1999-03-19

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[21] **2,299,766**  
[13] A1

[51] **Int.Cl. 7G01B 11/02 7G01V 8/24**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETERMINING THE OPTICAL DISTANCE OF A THREAT ON AN OPTICAL FIBER**  
[54] **METHODE ET DISPOSITIF PERMETTANT DE MESURER LA DISTANCE D'UNE MENACE POUR UNE FIBRE OPTIQUE**  
[72] ESLAMBOLCHI, HOSSEIN, US  
[72] HUFFMAN, JOHN SINCLAIR, US  
[71] AT&T CORP., US  
[22] 2000-02-28  
[43] 2000-09-17  
[30] US (09/271,305) 1999-03-17

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[21] **2,299,769**  
[13] A1

[51] **Int.Cl. 7H04L 12/26**  
[25] EN  
[54] **METHOD FOR MEASURING THE AVAILABILITY OF ROUTER-BASED CONNECTIONLESS NETWORKS**  
[54] **METHODE DE MESURE DE LA DISPONIBILITE DE RESEAUX A ROUTEURS SANS CONNEXIONS**  
[72] D'SOUZA, KEVIN L., US  
[71] AT&T CORP., US  
[22] 2000-02-28  
[43] 2000-09-18  
[30] US (09/271,715) 1999-03-18

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[21] **2,299,776**  
[13] A1

[51] **Int.Cl. 7E04B 1/343 7E01F 7/00**  
[25] EN  
[54] **WINDBREAK**  
[54] **BRISE-VENT**  
[72] MCGEE, CHARLES P., CA  
[71] MCGEE, CHARLES P., CA  
[22] 2000-02-28  
[43] 2000-09-22  
[30] US (09/273501) 1999-03-22

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[21] **2,299,783**  
[13] A1

[51] **Int.Cl. 7E04D 3/06 7E04B 7/18**  
[25] EN  
[54] **ROOF CONSTRUCTION**  
[54] **TOIT**  
[72] RICHARDSON, CHRISTOPHER, GB  
[71] ULTRAFRAME (UK) LIMITED, GB  
[22] 2000-02-23  
[43] 2000-09-18  
[30] GB (9906085.7) 1999-03-18

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[21] **2,299,785**  
[13] A1

[51] **Int.Cl. 7H04L 12/56 7G06F 15/16**  
[25] EN  
[54] **PACKET SCHEDULING IN A COMMUNICATION NETWORK WITH STATISTICAL MULTIPLEXING OF SERVICE CLASSES**  
[54] **ORDONNANCEMENT DE PAQUETS DANS UN RESEAU DE COMMUNICATIONS AVEC MULTIPLEXAGE STATISTIQUE DE CLASSES DE SERVICE**  
[72] MITRA, DEBASIS, US  
[72] ELWALID, ANWAR, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-02-28  
[43] 2000-09-20  
[30] US (09/273,433) 1999-03-20

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[21] **2,299,786**  
[13] A1

[51] **Int.Cl. 7E04D 13/064**  
[25] EN  
[54] **IMPROVEMENTS IN AND RELATING TO GUTTERING**  
[54] **AMELIORATIONS APORTEES A LA POSE DES GOUTTIERES**  
[72] RICHARDSON, CHRISTOPHER, GB  
[71] ULTRAFRAME (UK) LIMITED, GB  
[22] 2000-02-23  
[43] 2000-09-17  
[30] GB (9906086.5) 1999-03-17

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[21] **2,299,787**  
[13] A1

[51] **Int.Cl. 7E04D 3/38 7E04B 7/18**  
[25] EN  
[54] **WEATHERPROOFING**  
[54] **MEMBRANE A L'EPREUVE DES INTEMPERIES**  
[72] RICHARDSON, CHRISTOPHER, GB  
[71] ULTRAFRAME (UK) LIMITED, GB  
[22] 2000-02-23  
[43] 2000-09-18  
[30] GB (9906081.6) 1999-03-18

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**Demandes canadiennes mises à la disponibilité du public**  
**17 septembre 2000 - 23 septembre 2000**

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[21] **2,299,791**  
[13] A1

[51] **Int.Cl. 7A43B 23/10 7A43D 11/12**  
[25] EN  
[54] **SHOE CONSTRUCTION WITH STEEL TOE**  
[54] **EMBOUIT DE CHAUSSURE EN ACIER**  
[72] DODGE, MICHAEL, US  
[71] H.H. BROWN SHOE COMPANY, INC., US  
[22] 2000-02-28  
[43] 2000-09-19  
[30] US (09/273,106) 1999-03-19

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[21] **2,299,796**  
[13] A1

[51] **Int.Cl. 7F16H 57/02**  
[25] EN  
[54] **PINION SUPPORT**  
[54] **SUPPORT DE PALIER**  
[72] SOLCZ, LEONARD, CA  
[72] BAULIER, DOMINIQUE, CA  
[71] VALIANT MACHINE & TOOL, INC., CA  
[22] 2000-02-23  
[43] 2000-09-19  
[30] US (09/272,707) 1999-03-19

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[21] **2,299,811**  
[13] A1

[51] **Int.Cl. 7B30B 15/14**  
[25] EN  
[54] **PRESS DEFLECTION CONTROLLER**  
[54] **CONTROLEUR DE FLEXION POUR PRESSE**  
[72] BORNHORST, JOHN B., US  
[71] THE MINSTER MACHINE COMPANY, US  
[22] 2000-02-23  
[43] 2000-09-19  
[30] US (09/272,284) 1999-03-19

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[21] **2,299,885**  
[13] A1

[51] **Int.Cl. 7H04L 12/56**  
[25] EN  
[54] **SUCCESS-TO-THE TOP CLASS OF SERVICE ROUTING**  
[54] **ACHEMINEMENT AU MOYEN DES CRITERES DE "SUCCES JUSQU'AU SOMMET" ET DE CLASSE DE SERVICE**  
[72] CHEN, JIAYU, US  
[72] FISHMAN, SAUL DANIEL, US  
[72] MAUNDER, ANURAG S., US  
[72] ASH, GERALD RICHARD, US  
[71] AT&T CORP., US  
[22] 2000-02-24  
[43] 2000-09-17  
[30] US (09/271,473) 1999-03-17

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[21] **2,299,901**  
[13] A1

[51] **Int.Cl. 7H04M 3/428 7G11B 23/00 7H04N 7/04 7H04M 11/06**  
[25] EN  
[54] **ON-LINE CALL MANAGEMENT**  
[54] **GESTION DES APPELS EN DIRECT**  
[72] BURG, FREDERICK MURRAY, US  
[71] AT&T CORP., US  
[22] 2000-02-29  
[43] 2000-09-22  
[30] US (09/274,054) 1999-03-22

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[21] **2,299,902**  
[13] A1

[51] **Int.Cl. 7H03M 7/30 7G11B 23/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DATA COMPRESSION USING FINGERPRINTING**  
[54] **METHODE ET APPAREIL DE COMPRESSION DE DONNEES AU MOYEN D'EMPREINTES**  
[72] BENTLEY, JON LOUIS, US  
[72] MCILROY, MALCOLM DOUGLAS, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-02-29  
[43] 2000-09-22  
[30] US (09/273,840) 1999-03-22

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[21] **2,299,937**  
[13]

[51] **Int.Cl. 7C12N 1/20 7C07D 473/00 7C07H 21/00 7C07H 19/06 7C07H 19/16**  
[25] EN  
[54] **SYNTHETIC MEDIUM FOR CULTIVATING LACTOBACILLUS AND BIFIDOBACTERIA**  
[54] **MILIEU SYNTHETIQUE POUR LA CULTURE DE LACTOBACILLES ET DE BIFIDOBACTERIES**  
[72] ZINK, RALF, CH  
[72] ELLI, MARINA, CH  
[72] MARCHESINI-HUBERT, BARBARA, CH  
[72] RENIERO, ROBERTO, CH  
[71] SOCIÉTÉ DES PRODUITS NESTLÉ S.A., CH  
[22] 2000-03-02  
[43] 2000-09-23  
[30] EP (99 105 855.3) 1999-03-23

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[21] **2,299,978**  
[13] A1

[51] **Int.Cl. 7A63B 22/00**  
[25] EN  
[54] **FLEXIBLY COORDINATED MOTION ELLIPTICAL EXERCISER**  
[54] **EXERCISEUR ELLIPTIQUE A MOUVEMENT COORDONNE DE FACON ELASTIQUE**  
[72] BIRRELL, JAMES S., US  
[71] PRECOR INCORPORATED, US  
[22] 2000-03-06  
[43] 2000-09-18  
[30] US (09/271,733) 1999-03-18

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[21] **2,299,979**  
[13] A1

[51] **Int.Cl. 7A63B 22/00**  
[25] EN  
[54] **FLEXIBLY COORDINATED STATIONARY EXERCISE DEVICE**  
[54] **EXERCISEUR STATIONNAIRE COORDONNE DE FACON ELASTIQUE**  
[72] POTTS, WILLIAM W., US  
[72] BIRRELL, JAMES S., US  
[72] MORAN, THOMAS, US  
[71] PRECOR INCORPORATED, US  
[22] 2000-03-06  
[43] 2000-09-18  
[30] US (09/298,349) 1999-04-23  
[30] US (09/271,733) 1999-03-18

**Canadian Laid-Open Applications**  
**September 17, 2000 - September 23, 2000**

<p style="text-align: right;">[21] <b>2,299,983</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04J 14/02</b> [25] EN [54] <b>OPTIMIZED OPTOELECTRICAL NETWORK ELEMENT FOR OPTICAL TRANSPORT NETWORKS</b> [54] <b>ELEMENT DE RESEAU OPTO-ELECTRIQUE OPTIMISE POUR RESEAUX DE TRANSPORT OPTIQUE</b> [72] MIRIELLO, VIRGILIO, IT [72] LOMETTI, ALBERTO, IT [72] CICHSESE, GUIDO MANLIO, IT [71] ALCATEL, FR [22] 2000-03-06 [43] 2000-09-23 [30] IT (MI 99 A 000 582) 1999-03-23</p>	<p style="text-align: right;">[21] <b>2,300,037</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B27B 15/06</b> [25] EN [54] <b>BAND SAW PORTABLE SAWMILL HAVING INTEGRAL CIRCULAR SAW EDGES</b> [54] <b>SCIE A RUBAN MOBILE COMPRENANT DES DELIGNEUSES CIRCULAIRES INTEGRALES</b> [72] WYNDHAM, NICHOLAS J., US [72] DAHL, CHET J., US [71] WYNDHAM, NICHOLAS J., US [71] DAHL, CHET J., US [22] 2000-03-03 [43] 2000-09-18 [30] US (60/125,450) 1999-03-18</p>	<p style="text-align: right;">[21] <b>2,300,327</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 17/00</b> [25] EN [54] <b>OPERATING INSTRUMENT INSERTION APPARATUS AND OPERATION SUPPORTING APPARATUS</b> [54] <b>APPAREIL D'INSERTION D'INSTRUMENT D'OPERATION ET APPAREIL SUPPORT POUR OPERATION</b> [72] NEMOTO, YASUHIRO, JP [72] NISHIZAWA, KOUJI, JP [72] KAN, KAZUTOSHI, JP [71] HITACHI, LTD., JP [22] 2000-03-09 [43] 2000-09-18 [30] JP (11-073162) 1999-03-18</p>
<p style="text-align: right;">[21] <b>2,300,013</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 21/95 7B27G 11/00 7B27M 1/08 7G01N 21/62</b> [25] EN [54] <b>ADHESIVE SENSING ASSEMBLY FOR END JOINTED BEAM</b> [54] <b>ENSEMBLE DE DETECTION DE L'ADHERENCE DE MONTANTS A JOINTS D'EXTREMITE</b> [72] RADOWICZ, RICHARD D., US [72] RADOWICZ, STEVEN K., US [71] APQUIP COMPANY, LLC, US [22] 2000-03-06 [43] 2000-09-19 [30] US (09/272,817) 1999-03-19</p>	<p style="text-align: right;">[21] <b>2,300,235</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04J 14/02</b> [25] EN [54] <b>WAVELENGTH DIVISION MULTIPLEXED SYSTEM FOR OPTICAL ACCESS RINGS</b> [54] <b>SYSTEME MULTIPLEXE EN LONGUEUR D'ONDE POUR NOEUDS OPTIQUES D'ACCES EN ANNEAU</b> [72] FATEHI, MOHAMMAD T., US [72] LA ROCHE, HUMBERTO JOSE, US [72] SOHRABY, KAZEM A., US [71] LUCENT TECHNOLOGIES INC., US [22] 2000-03-08 [43] 2000-09-22 [30] US (09/274,199) 1999-03-22</p>	<p style="text-align: right;">[21] <b>2,300,385</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 12/16</b> [25] EN [54] <b>PROGRAM LINKS AND BULLETINS FOR AUDIO INFORMATION DELIVERY</b> [54] <b>BULLETINS ET LIENS D'EMISSIONS POUR LA DISTRIBUTION D'INFORMATION AUDIO</b> [72] LOEWENTHAL, WILLIAM J., US [72] LINDEN, THOMAS M., US [71] COMMAND AUDIO CORPORATION, US [22] 2000-03-07 [43] 2000-09-18 [30] US (09/272,633) 1999-03-18</p>
<p style="text-align: right;">[21] <b>2,300,034</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E04B 5/10</b> [25] EN [54] <b>FLOOR JOIST SYSTEM</b> [54] <b>SYSTEME DE SOLIVES DE PLANCHER</b> [72] MATTHEWS, LEROY, US [71] PERF-X-DEK, L.L.C., US [22] 2000-03-03 [43] 2000-09-22 [30] US (09/273,381) 1999-03-22</p>	<p style="text-align: right;">[21] <b>2,300,313</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G07C 9/00 7G01P 13/00 7G08B 13/184</b> [25] EN [54] <b>SYSTEM FOR DETECTING AN OBJECT PASSING THROUGH A GATE</b> [54] <b>SYSTEME DE DETECTION DU PASSAGE D'UN OBJET DANS UN ACCES</b> [72] KIM, JAE HAN, KR [71] KIM, JAE HAN, KR [22] 2000-03-09 [43] 2000-09-22 [30] KR (1999-9593) 1999-03-22</p>	<p style="text-align: right;">[21] <b>2,300,400</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01S 17/08 7B60R 21/00 7B60N 2/44</b> [25] EN [54] <b>ELECTRONIC OPTICAL TARGET RANGING AND IMAGING</b> [54] <b>TELEMETRIE ET IMAGERIE OPTOELECTRONIQUE D'OBJECTIF</b> [72] JANUTKA, WILLIAM JOSEPH, US [72] ALMAJED, ZEYAD, US [72] TARANOWSKI, MICHAEL GEORGE, US [71] EATON CORPORATION, US [22] 2000-03-07 [43] 2000-09-22 [30] US (09/273,829) 1999-03-22</p>

**Demandes canadiennes mises à la disponibilité du public**  
**17 septembre 2000 - 23 septembre 2000**

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[21] **2,300,471**  
[13] A1

[51] **Int.Cl. 7C02F 1/18**  
[25] EN  
[54] **IMPROVED DISTILLATION APPARATUS**  
[54] **APPAREIL DE DISTILLATION AMELIORE**  
[72] LAND, GLENN E., US  
[71] LAND, GLENN E., US  
[22] 2000-03-10  
[43] 2000-09-19  
[30] US (09/272,366) 1999-03-19

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[21] **2,300,475**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12P 21/00 7C12N 5/10 7G01N 33/566 7C12N 15/63**  
[25] EN  
[54] **CRE-INDUCIBLE EXPRESSION SYSTEM**  
[54] **SYSTEME D'EXPRESSION INDUCTIBLE PAR DES ELEMENTS DE REPONSE A L'AMPC**  
[72] DUROCHER, YVES, CA  
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
[22] 2000-03-13  
[43] 2000-09-19  
[30] US (09/272,343) 1999-03-19

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[21] **2,300,493**  
[13] A1

[51] **Int.Cl. 7B08B 9/049**  
[25] EN  
[54] **APPARATUS FOR CLEANING AND REMOVING DEPOSITS FROM INTERNAL WALLS OF DUCTS FOR CONVEYING FLUIDS OF ANY KIND**  
[54] **DISPOSITIF DE NETTOYAGE ET DE SUPPRESSION DES DEPOTS DES PAROIS INTERNES DE CONDUITS DE TRANSPORT DE FLUIDES**  
[72] STOCO, EZIO, IT  
[71] INTERNATIONAL WESTAR LIMITED, MT  
[22] 2000-03-13  
[43] 2000-09-19  
[30] IT (BO99A000130) 1999-03-19

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[21] **2,300,503**  
[13] A1

[51] **Int.Cl. 7H04N 7/26**  
[25] FR  
[54] **DISPOSITIF DE REGULATION EN DEBIT OU EN QUALITE D'UN COMPRESSEUR DE DONNEES NUMERIQUES, NOTAMMENT D'IMAGES**  
[54] **DEVICE FOR FLOW REGULATION OR COMPRESSION OF DIGITAL DATA, IN PARTICULAR IMAGES**  
[72] FALZON, FREDERIC, FR  
[71] ALCATEL, FR  
[22] 2000-03-09  
[43] 2000-09-18  
[30] FR (99 03 371) 1999-03-18

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[21] **2,300,504**  
[13]

[51] **Int.Cl. 7B22D 29/00**  
[25] FR  
[54] **PROCEDE DE NETTOYAGE OU DE DEBOURRAGE D'UNE PIECE DE FONDERIE**  
[54] **PROCEDURE FOR CLEANING OR DECORING A CAST PIECE**  
[72] SCOTTO, ALAIN, FR  
[72] JANIN, JEAN LOUIS, FR  
[71] FORWARD TECHNOLOGY INDUSTRIES, FR  
[22] 2000-03-09  
[43] 2000-09-23  
[30] FR (99 03610) 1999-03-23

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[21] **2,300,519**  
[13] A1

[51] **Int.Cl. 7B01D 71/64**  
[25] EN  
[54] **SOLVENT-RESISTANT MICROPOROUS POLYBENZIMIDAZOLE MEMBRANES**  
[54] **MEMBRANES MICROPOREUSES DE POLYBENZIMIDAZOLE RESISTANTES AUX SOLVANTS**  
[72] PEARSON, KENDALL R., US  
[72] RAY, RODERICK J., US  
[72] SIDWELL, DELORES R., US  
[72] BARSS, ROBERT P., US  
[72] MCCRAY, SCOTT B., US  
[72] WEST, JAMES B., US  
[72] FRIESEN, DWAYNE T., US  
[71] BEND RESEARCH, INC., US  
[22] 2000-03-13  
[43] 2000-09-19  
[30] US (60/125,345) 1999-03-19

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[21] **2,300,526**  
[13] A1

[51] **Int.Cl. 7B29C 55/28 7B29C 47/88**  
[25] EN  
[54] **COLLAPSING AND TAKE OFF DEVICE FOR A PLASTIC BLOWN FILM WEB PRODUCED IN THE BLOWN FILM EXTRUSION PROCESS**  
[54] **DISPOSITIF DE COMPRESSION ET DE TIRAGE D'UNE BANDE CONTINUE DE FILM SOUFFLE PLASTIQUE PRODUIT PAR SOUFFLAGE-EXTRUSION**  
[72] KRAUSE, ULRICH, DE  
[71] WINDMOLLER & HOLSCHER, DE  
[22] 2000-03-14  
[43] 2000-09-18  
[30] DE (199 12 209.1) 1999-03-18

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[21] **2,300,543**  
[13]

[51] **Int.Cl. 7C09J 9/00 7C08J 5/06**  
[25] EN  
[54] **ADHESION PROMOTER FOR TEXTILE REINFORCING INSERTS, METHODS OF MANUFACTURE AND ITS USE**  
[54] **PROMOTEUR D'ADHERENCE POUR FILS DE RENFORT TEXTILES, METHODES DE FABRICATION ET UTILISATION DE CE PRODUIT**  
[72] KURZ, GUENTER, CH  
[71] EMS-CHEMIE AG, CH  
[22] 2000-03-07  
[43] 2000-09-23  
[30] DE (199 13 042.6) 1999-03-23

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[21] **2,300,564**  
[13] A1

[51] **Int.Cl. 7F16B 39/04 7F16B 7/18**  
[25] EN  
[54] **SCREWED CONNECTION FOR THREADED RODS**  
[54] **RACCORD TARAUE POUR TIGES FILETEES**  
[72] REHM, GALLUS, DE  
[72] REDING, HENRI, LU  
[71] ARES S.A., LU  
[22] 2000-03-14  
[43] 2000-09-17  
[30] LU (90374) 1999-03-17

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[21] **2,300,565**  
[13] A1  
[51] **Int.Cl. 7E04F 15/00 7E04F 13/00**  
**7E04B 2/90**  
[25] EN  
[54] **MODULAR CLADDING ELEMENT**  
**ELEMENT MODULAIRE DE**  
**BARDAGE**  
[72] DAVIS, HARRY H., US  
[71] L.B. PLASTICS LIMITED, GB  
[22] 2000-03-14  
[43] 2000-09-22  
[30] US (09/273,372) 1999-03-22

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[21] **2,300,566**  
[13]  
[51] **Int.Cl. 7B61L 29/04 7H02P 5/06**  
**7B61L 29/08**  
[25] EN  
[54] **BI-DIRECTIONALLY**  
**DYNAMICALLY BRAKED GATE**  
**CROSSING MECHANISM**  
**CONTROLLER**  
[54] **CONTROLEUR DE MECANISME**  
**DE BARRIERE DE PASSAGE A NIVEAU**  
**COMPRENANT UN FREIN**  
**DYNAMIQUE BIDIRECTIONNEL**  
[72] YOURIST, RODNEY L., US  
[72] WARDZALA, ROBERT W., US  
[71] WESTERN-CULLEN-HAYES, INC.,  
US  
[22] 2000-03-07  
[43] 2000-09-23  
[30] US (09/274,215) 1999-03-23

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[21] **2,300,571**  
[13] A1  
[51] **Int.Cl. 7F01D 21/00 7F01D 21/02**  
**7F01D 21/20**  
[25] EN  
[54] **SELF-TESTABLE**  
**ARCHITECTURE FOR OVERSPEED**  
**LIMITATION AND CUTOFF SYSTEMS**  
**WHEN THE TURBOJET STOPS**  
[54] **ARCHITECTURE AUTO-**  
**TESTABLE POUR LES SYSTEMES**  
**D'ARRET ET DE LIMITATION DE**  
**SURVITESSE LORSQUE LE**  
**TURBOREACTEUR S'ARRETE**  
[72] GARASINO, ALAIN PIERRE, FR  
[72] BROCARD, JEAN-MARIE, FR  
[72] LE BOEUF, CHRISTIAN DENIS, FR  
[72] VARIZAT, ALAIN MICHEL, FR  
[72] PAYA, ALAIN PATRICK, FR  
[71] SNECMA MOTEURS, FR  
[22] 2000-03-14  
[43] 2000-09-18  
[30] FR (99 03338) 1999-03-18

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[21] **2,300,599**  
[13] A1  
[51] **Int.Cl. 7E21B 47/12**  
[25] EN  
[54] **SEISMIC SYSTEMS AND**  
**METHODS FOR DOWNHOLE CLOCK**  
**SYNCHRONIZATION**  
[54] **SYSTEMES ET METHODES**  
**SISMIQUES POUR LA**  
**SYNCHRONISATION D'HORLOGES**  
**DE FOND**  
[72] CHENIN, BERTRAND A., US  
[71] BAKER HUGHES INCORPORATED,  
US  
[22] 2000-03-14  
[43] 2000-09-17  
[30] US (09,270,944) 1999-03-17  
[30] US (09/500,656) 2000-02-09

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[21] **2,300,628**  
[13] A1  
[51] **Int.Cl. 7B26B 13/00 7B23D 29/02**  
[25] EN  
[54] **IMPROVED RATCHET CABLE**  
**CUTTER**  
[54] **COUPE-CABLE A ROCHET**  
**AMELIORE**  
[72] LEE, ROBERT, CA  
[72] VANLAUWE, RANDALL, CA  
[71] LEE, ROBERT, CA  
[71] VANLAUWE, RANDALL, CA  
[22] 2000-03-14  
[43] 2000-09-17  
[30] US (60/124,845) 1999-03-17

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[21] **2,300,637**  
[13] A1  
[51] **Int.Cl. 7E04B 1/82**  
[25] FR  
[54] **STRUCTURE MODULAIRE**  
**INSONORISANTE**  
[54] **MODULAR ACOUSTIC**  
**STRUCTURE**  
[72] GAGNON, BENOIT, CA  
[71] ACOUSTI-PLUS INC., CA  
[22] 2000-03-16  
[43] 2000-09-19  
[30] CA ( 2,266,606) 1999-03-19

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[21] **2,300,641**  
[13] A1  
[51] **Int.Cl. 7B62D 25/22**  
[25] EN  
[54] **MOTOR POWERED RUNNING**  
**BOARD**  
[54] **PASSERELLE TRANSVERSALE**  
**MOTORISEE**  
[72] WILSON, KEVIN, US  
[72] KLINKMAN, JOHN E., US  
[72] STAPLETON, CRAIG A., US  
[71] SPORTRACK LLC, US  
[22] 2000-03-14  
[43] 2000-09-17  
[30] US (09/271,487) 1999-03-17

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[21] **2,300,646**  
[13] A1  
[51] **Int.Cl. 7H03M 7/00**  
[25] FR  
[54] **PROCEDES DE CODAGE, DE**  
**DECODAGE ET DE TRANSCODAGE**  
[54] **CODING, DECODING AND**  
**TRANSCODING PROCEDURES**  
[72] LOCKWOOD, PHILIP, FR  
[72] MURGIA, CARLO, FR  
[72] RICHARD, GAEL, FR  
[71] MATRA NORTEL  
COMMUNICATIONS, FR  
[22] 2000-03-15  
[43] 2000-09-17  
[30] FR (FR 99/03314) 1999-03-17

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[21] **2,300,647**  
[13] A1  
[51] **Int.Cl. 7G10L 19/02 7G10L 19/00**  
[25] FR  
[54] **PROCEDES DE CODAGE, DE**  
**DECODAGE ET DE TRANSCODAGE**  
**AUDIO**  
[54] **AUDIO CODING, DECODING AND**  
**TRANSCODING PROCEDURES**  
[72] MURGIA, CARLO, FR  
[72] LOCKWOOD, PHILIP, FR  
[72] RICHARD, GAEL, FR  
[71] MATRA NORTEL  
COMMUNICATIONS, FR  
[22] 2000-03-15  
[43] 2000-09-17  
[30] FR (FR 99/03323) 1999-03-17

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**17 septembre 2000 - 23 septembre 2000**

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[21] **2,300,651**  
[13] A1

[51] **Int.Cl. 7G03G 21/18 7G03G 15/08 7G03G 21/12**  
[25] EN  
[54] **TONER CONTAINER AND TONER REPLENISHING MECHANISM**  
[54] **CONTENANT A TONER ET MECANISME DE REMPLISSAGE DE TONER**  
[72] OMATA, KAZUHIKO, JP  
[72] TAZAWA, FUMIO, JP  
[72] MURAKAMI, KATSUYA, JP  
[72] YAMADA, YUSUKE, JP  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 2000-03-10  
[43] 2000-09-17  
[30] JP (11-072147) 1999-03-17  
[30] JP (11-374051) 1999-12-28

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[21] **2,300,656**  
[13] A1

[51] **Int.Cl. 7E21B 19/22 7B66F 19/00 7B65G 17/36**  
[25] EN  
[54] **MULTIPLE CONTOUR COILED TUBING GRIPPER BLOCK**  
[54] **BLOC DE PREHENSION DE DISPOSITIFS A FORMES TORSADEES DIVERSES**  
[72] PARKS, KENNETH C., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[22] 2000-03-10  
[43] 2000-09-17  
[30] US (09/270,635) 1999-03-17

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[21] **2,300,667**  
[13]

[51] **Int.Cl. 7A61B 17/02**  
[25] EN  
[54] **RECONFIGURABLE AND SELF-RETAINING SURGICAL RETRACTOR**  
[54] **ECARTEUR RECONFIGURABLE ET AUTOSTATIQUE**  
[72] AUSTIN, J. TIMOTHY, US  
[72] AUSTIN, GARY, US  
[72] PICHA, GEORGE J., US  
[71] APPLIED MEDICAL TECHNOLOGY, INC., US  
[22] 2000-03-14  
[43] 2000-09-23  
[30] US (09/275,137) 1999-03-23

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[21] **2,300,688**  
[13] A1

[51] **Int.Cl. 7A01K 1/015 7A01K 1/01**  
[25] EN  
[54] **PET ANIMAL BODY WASTES TREATING MATERIAL**  
[54] **MATIERE POUR LE TRAITEMENT DES DEJECTIONS D'ANIMAUX DE COMPAGNIE**  
[72] MOCHIZUKI, ISAO, JP  
[71] MILLION CO., LTD., JP  
[22] 2000-03-14  
[43] 2000-09-19  
[30] JP (76898-1999) 1999-03-19

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[21] **2,300,709**  
[13] A1

[51] **Int.Cl. 7B21B 1/26**  
[25] EN  
[54] **SUPER THIN STRIP HOT ROLLING**  
[54] **LAMINAGE A CHAUD DE RUBAN EXTREMEMENT MINCE**  
[72] DONINI, ESTORE ADELINO, US  
[72] BAKHTAR, FEREDOON A., US  
[72] GINZBURG, VLADIMIR B., US  
[71] DANIELI UNITED, A DIVISION OF DANIELI CORPORATION, US  
[71] INTERNATIONAL ROLLING MILL CONSULTANTS, INC., US  
[22] 2000-03-07  
[43] 2000-09-19  
[30] US (09/273,429) 1999-03-19

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[21] **2,300,717**  
[13] A1

[51] **Int.Cl. 7B22D 41/02**  
[25] EN  
[54] **REFRACTORY PRODUCT**  
[54] **PRODUIT REFRACTAIRE**  
[72] LEE, STEPHEN JOHN, GB  
[71] DIDIER-WERKE AG, DE  
[22] 2000-03-15  
[43] 2000-09-17  
[30] GB (9906116.0) 1999-03-17

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[21] **2,300,726**  
[13] A1

[51] **Int.Cl. 7H04L 27/01 7H04N 5/14**  
[25] EN  
[54] **SIGNAL PROCESSING CIRCUIT FOR A DIGITAL SIGNAL RECEIVING SYSTEM**  
[54] **CIRCUIT DE TRAITEMENT DE SIGNAL POUR SYSTEME DE RECEPTION DE SIGNAL NUMERIQUE**  
[72] ABE, YOSHINORI, JP  
[72] TAHARA, KAZUSHI, JP  
[71] PIONEER CORPORATION, JP  
[22] 2000-03-15  
[43] 2000-09-17  
[30] JP (11-72630) 1999-03-17

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[21] **2,300,728**  
[13] A1

[51] **Int.Cl. 7F16L 37/091**  
[25] EN  
[54] **A PUSH FIT ATTACHMENT**  
[54] **ASSEMBLAGE LEGEREMENT SERRE**  
[72] THOMAS, PHILIP, GB  
[72] GLAZE, ALAN RICHARD, GB  
[71] DELTA CAPILLARY PRODUCTS LIMITED, GB  
[22] 2000-03-15  
[43] 2000-09-17  
[30] GB (9905994.1) 1999-03-17

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[21] **2,300,730**  
[13] A1

[51] **Int.Cl. 7F16L 37/091**  
[25] EN  
[54] **PUSH FIT CONNECTOR**  
[54] **RACCORD A ASSEMBLAGE LEGEREMENT SERRE**  
[72] DARWIN, RICHARD PAUL, GB  
[71] DELTA CAPILLARY PRODUCTS LIMITED, GB  
[22] 2000-03-15  
[43] 2000-09-19  
[30] GB (9906229.1) 1999-03-19

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[21] **2,300,738**  
[13] A1  
[51] **Int.Cl. 7B65H 75/40 7B65H 75/44**  
[25] EN  
[54] **RETRACTING EXTENSION CORD REEL**  
[54] **ENROULEUR POUR RALLONGE ELECTRIQUE RETRACTABLE**  
[72] BLANCH, PAUL S., US  
[72] KOVACIK, JAMES D., US  
[72] GRZYWNA, STANLEY E., US  
[71] ALERT STAMPING AND MANUFACTURING CO., INC., US  
[22] 2000-03-15  
[43] 2000-09-17  
[30] US (09/271,630) 1999-03-17

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[21] **2,300,740**  
[13] A1  
[51] **Int.Cl. 7A23N 15/04 7A23N 15/00 7A23L 1/214**  
[25] EN  
[54] **APPARATUS AND METHOD FOR PROCESSING ROOT VEGETABLES**  
[54] **APPAREIL ET METHODE DE TRANSFORMATION DES LEGUMES-RACINES**  
[72] HUDDLE, JAY, US  
[71] HUDDLE, JAY, US  
[22] 2000-03-15  
[43] 2000-09-18  
[30] US (09/271,676) 1999-03-18

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[21] **2,300,744**  
[13] A1  
[51] **Int.Cl. 7B21D 17/04**  
[25] EN  
[54] **GROOVE ROLLING OF PIPING ELEMENTS**  
[54] **RAINURAGE PAR GALETAGE D'ELEMENTS DE TUYAUTERIE**  
[72] WILLIAMS, JAMES O., US  
[72] LIPPKA, SANDRA M., US  
[72] PLATUSICH, BRUCE M., US  
[71] SUPPLY SALES CO., US  
[22] 2000-03-15  
[43] 2000-09-19  
[30] US (60/125,103) 1999-03-19  
[30] US (60/126,105) 1999-03-25  
[30] US (09/363,922) 1999-07-30

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[21] **2,300,754**  
[13] A1  
[51] **Int.Cl. 7A42B 3/06**  
[25] EN  
[54] **A SAFETY HELMET**  
[54] **CASQUE DE PROTECTION**  
[72] KALAJZICH, TODD ANTHONY, AU  
[71] KALAJZICH, TODD ANTHONY, AU  
[22] 2000-03-17  
[43] 2000-09-17  
[30] AU (PP9224) 1999-03-17

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[21] **2,300,755**  
[13] A1  
[51] **Int.Cl. 7B65B 43/52**  
[25] EN  
[54] **PACKAGING MACHINE**  
[54] **CONDITIONNEUSE**  
[72] NATTERER, HANS, DE  
[72] EHRMANN, ELMAR, DE  
[71] MULTIVAC SEPP HAGGENMULLER GMBH & CO., DE  
[22] 2000-03-17  
[43] 2000-09-19  
[30] DE (199 12 491.4) 1999-03-19

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[21] **2,300,759**  
[13] A1  
[51] **Int.Cl. 7G02B 6/38**  
[25] EN  
[54] **A DEVICE FOR CONNECTING TWO OPTICAL FIBRES WITH EACH OTHER**  
[54] **DISPOSITIF D'INTERCONNEXION DE DEUX FIBRES OPTIQUES**  
[72] FOLDI, PETER, SE  
[71] FORMEX AB, SE  
[22] 2000-03-16  
[43] 2000-09-19  
[30] SE (9901016-7) 1999-03-19

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[21] **2,300,761**  
[13] A1  
[51] **Int.Cl. 7B01D 33/48**  
[25] EN  
[54] **SEWAGE SCREENING APPARATUS**  
[54] **CREPINE D'EAUX D'EGOUT**  
[72] BACHE, JOHN CEDRIC, GB  
[71] JONES AND ATTWOOD LIMITED, GB  
[22] 2000-03-17  
[43] 2000-09-19  
[30] GB (9906470.1) 1999-03-19

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[21] **2,300,762**  
[13] A1  
[51] **Int.Cl. 7B62D 65/02 7B62D 65/06**  
[25] EN  
[54] **PRODUCTION LINE OF CAR COMPONENT**  
[54] **CHAINE DE FABRICATION DE COMPOSANTS D'AUTOMOBILE**  
[72] AWA, YUKIMITSU, JP  
[72] KATAYAMA, KOU, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-03-17  
[43] 2000-09-19  
[30] JP (11-076909) 1999-03-19

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[21] **2,300,763**  
[13] A1  
[51] **Int.Cl. 7B22D 37/00 7F27D 3/14 7B22D 17/30**  
[25] EN  
[54] **AUTOMATIC MOLTEN METAL INJECTOR**  
[54] **INJECTEUR AUTOMATIQUE DE METAL LIQUIDE**  
[72] CHOSHI, YUKIHISA, JP  
[71] SHIN-EI DIE CASTING IND. CO., LTD., JP  
[71] CHOSHI, YUKIHISA, JP  
[22] 2000-03-17  
[43] 2000-09-19  
[30] JP (11-75860) 1999-03-19

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[21] **2,300,775**  
[13] A1  
[51] **Int.Cl. 7B01J 19/12 7C02F 1/32**  
[25] EN  
[54] **METHOD AND APPARATUS FOR UV-OXIDATION OF TOXICS IN WATER AND UV-DISINFECTION OF WATER**  
[54] **METHODE ET APPAREIL POUR L'OXYDATION AUX UV DE PRODUITS TOXIQUES EN SOLUTION AQUEUSE ET DESINFECTION AUX UV DE L'EAU**  
[72] OSTER, STEPHEN P., US  
[71] OSTER, STEPHEN P., US  
[22] 2000-03-16  
[43] 2000-09-17  
[30] US (09/270,850) 1999-03-17

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**17 septembre 2000 - 23 septembre 2000**

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[21] **2,300,782**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 48/00 7A61K 38/37 7C07K 14/755**  
[25] EN  
[54] **MODIFIED FACTOR VIII CDNA ADNC DU FACTEUR VIII MODIFIE**  
[72] NEGRIER, CLAUDE, DE  
[72] PLANTIER, JEAN LUC, DE  
[71] AVENTIS BEHRING GMBH, DE  
[22] 2000-03-16  
[43] 2000-09-17  
[30] EP (99104050.2) 1999-03-17

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[21] **2,300,783**  
[13] A1

[51] **Int.Cl. 7G01M 17/02**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR TESTING TIRES**  
[54] **METHODE ET APPAREIL DE CONTROLE DE PNEUS**  
[72] KELM-KLAGER, RONALD, DE  
[71] BEISSBARTH GMBH, DE  
[22] 2000-03-16  
[43] 2000-09-17  
[30] DE (199 11 913.9) 1999-03-17

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[21] **2,300,784**  
[13] A1

[51] **Int.Cl. 7F01L 1/04**  
[25] EN  
[54] **EXTERNAL DRIVE DOUBLE SHAFT OVERHEAD CAM ENGINE(DSOHC)**  
[54] **MOTEUR A DOUBLE ARBRE A CAMES EN TETE A ENTRAINEMENT EXTERNE**  
[72] GHELFI, GUISEPPE, IT  
[72] MION, PAOLO, IT  
[72] MOLINA, ROBERTO, IT  
[72] GOLZIO, LUCIANO, IT  
[71] TECUMSEH PRODUCTS COMPANY, US  
[22] 2000-03-15  
[43] 2000-09-19  
[30] US (60/125,124) 1999-03-19

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[21] **2,300,787**  
[13] A1

[51] **Int.Cl. 7G02F 1/095**  
[25] EN  
[54] **OPTICAL WAVEGUIDE ISOLATOR**  
[54] **PHOTOCOUPLEUR DE GUIDE D'ONDES**  
[72] NAKANO, YOSHIKI, JP  
[72] TAKENAKA, MITSURU, JP  
[71] THE UNIVERSITY OF TOKYO, JP  
[22] 2000-03-17  
[43] 2000-09-19  
[30] JP (11-75,746) 1999-03-19

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[21] **2,300,789**  
[13] A1

[51] **Int.Cl. 7G01M 17/02 7B60C 23/00 7B60C 25/00 7G01N 27/92**  
[25] EN  
[54] **TIRE TAG PROTECTOR**  
[54] **PROTEGE-IDENTIFICATEUR DE PNEU**  
[72] BOHM, GEORG G.A., US  
[72] WILSON, PAUL B., US  
[72] TREW, ROBERT J., US  
[72] KOCH, RUSSELL W., US  
[71] BRIDGESTONE/FIRESTONE, INC., US  
[22] 2000-03-17  
[43] 2000-09-19  
[30] US (09/272,472) 1999-03-19

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[21] **2,300,790**  
[13] A1

[51] **Int.Cl. 7B29C 49/02 7B29D 22/00 7B29C 49/28 7B29C 49/42**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR PRODUCING HOLLOW BODIES FROM THERMOPLASTIC MATERIAL**  
[54] **PROCEDE ET APPAREIL POUR PRODUIRE DES CORPS CREUX A PARTIR D'UN MATERIAU THERMOPLASTIQUE**  
[72] NAUMANN, ULRICH, DE  
[72] FRIEDRICHS, KARSTEN, DE  
[72] KLUSENER, PETER, DE  
[72] KIEFER, ERICH, DE  
[72] HESS, DIETER, DE  
[72] DAUBENBUCHER, WERNER, DE  
[71] KRUPP KAUTEX MASCHINENBAU GMBH, DE  
[22] 2000-03-16  
[43] 2000-09-18  
[30] DE (199 12 116.8) 1999-03-18

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[21] **2,300,792**  
[13] A1

[51] **Int.Cl. 7A61K 39/285 7A61K 35/12**  
[25] EN  
[54] **AN AGENT FOR INCREASING CHEMOKINE PRODUCTION**  
[54] **AGENT FAVORISANT LA PRODUCTION DE CHIMIOKINE**  
[72] ANSARI, AFTAB A., US  
[72] GERSHWIN, M. ERIC, US  
[72] KONISHI, JIN-EMON, JP  
[71] NIPPON ZOKI PHARMACEUTICAL CO., LTD., JP  
[22] 2000-03-17  
[43] 2000-09-19  
[30] JP (75,122/1999) 1999-03-19

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[21] **2,300,793**  
[13] A1

[51] **Int.Cl. 7B29C 45/72 7B29C 45/17**  
[25] EN  
[54] **METHOD OF MAKING INJECTION-MOLDER HEATING ELEMENT**  
[54] **METHODE DE FABRICATION D'ELEMENTS CHAUFFANTS PAR INJECTION-MOULAGE**  
[72] SCHWARZKOPF, EUGEN, DE  
[71] HOTSET HEIZPATRONEN U. ZUBEHOR GmbH, DE  
[22] 2000-03-17  
[43] 2000-09-18  
[30] DE (199 12 084.6) 1999-03-18

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[21] **2,300,795**  
[13] A1

[51] **Int.Cl. 7B65G 17/06**  
[25] EN  
[54] **A TOOTHED CHAIN CONVEYOR CAPABLE TO PERFORM A CURVILINEAR MOVEMENT IN A TRAVEL PLANE; AND CHAIN ELEMENTS**  
[54] **CONVOYEUR A CHAINE DENTEE POUVANT EFFECTUER UN MOUVEMENT CURVILIGNE SUR UN PLAN DE DEPLACEMENT; ET ELEMENTS DE CHAINE**  
[72] BONACINA, SIMPLICIANO, IT  
[71] FOND-METALLI CONVEYORS-S.R.L., IT  
[22] 2000-03-15  
[43] 2000-09-18  
[30] IT (MI99A000544) 1999-03-18

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[21] **2,300,796**  
[13] A1  
[51] **Int.Cl. 7H04L 27/01**  
[25] EN  
[54] **DECISION FEEDBACK  
EQUALIZER FOR A DIGITAL SIGNAL  
RECEIVING SYSTEM**  
[54] **EGALISATEUR A RETROACTION  
AVEC PRISE DE DECISION POUR  
SYSTEME DE RECEPTION DE SIGNAL  
NUMERIQUE**  
[72] TAHARA, KAZUSHI, JP  
[72] ABE, YOSHINORI, JP  
[71] PIONEER CORPORATION, JP  
[22] 2000-03-15  
[43] 2000-09-17  
[30] JP (11-72631) 1999-03-17  
[30] JP (11-292584) 1999-10-14

[21] **2,300,798**  
[13] A1  
[51] **Int.Cl. 7B25B 11/00 7B23K 37/04**  
[25] EN  
[54] **DEVICE FOR HOLDING A PART  
AND APPLICATION OF THE DEVICE**  
[54] **DISPOSITIF DE RETENUE DE  
PIECE, ET UTILISATION**  
[72] WITTMANN, JULIUS, DE  
[72] AURACHER, FRANZ, DE  
[71] INFINEON TECHNOLOGIES AG, DE  
[22] 2000-03-17  
[43] 2000-09-19  
[30] DE (199 12 424.8) 1999-03-19

[21] **2,300,800**  
[13] A1  
[51] **Int.Cl. 7F16H 3/093**  
[25] EN  
[54] **LONGITUDINAL GEARBOX, IN  
PARTICULAR FOR MOTOTCYCLES**  
[54] **BOITE DE VITESSES  
LONGITUDINALE, EN PARTICULIER  
POUR MOTOCYCLETTES**  
[72] TODERO, UMBERTO, IT  
[71] MOTO GUZZI S.P.A., IT  
[22] 2000-03-16  
[43] 2000-09-19  
[30] IT (MI99A 000557) 1999-03-19

[21] **2,300,802**  
[13] A1  
[51] **Int.Cl. 7C08K 5/57**  
[25] EN  
[54] **STORAGE-STABLE  
ORGANOPOLYSILOXANE  
COMPOSITIONS WHICH CAN BE  
CROSSLINKED TO GIVE  
ELASTOMERS WITH ELIMINATION  
OF ALCOHOLS**  
[54] **COMPOSITIONS  
D'ORGANOPOLYSILOXANES  
ENTREPOSABLES POUVANT ETRE  
RETICULEES POUR PRODUIRE DES  
ELASTOMERES AVEC ELIMINATION  
DES ALCOOLS**  
[72] HECHTL, WOLFGANG, DE  
[72] STRAUSSBERGER, SUSANNE, DE  
[72] DORSCH, NORMAN, DE  
[72] ZICHE, WOLFGANG, DE  
[71] WACKER-CHEMIE GMBH, DE  
[22] 2000-03-17  
[43] 2000-09-18  
[30] DE (199 12 223.7) 1999-03-18

[21] **2,300,807**  
[13] A1  
[51] **Int.Cl. 7C12P 7/06**  
[25] EN  
[54] **USE OF UREA HYDROGEN  
PEROXIDE IN FUEL ALCOHOL  
PRODUCTION**  
[54] **UTILISATION D'UREE-  
PEROXYDE D'HYDROGENE POUR LA  
PRODUCTION D'ALCOOL**  
[72] INGLEDEW, WILLIAM M., CA  
[72] THOMAS, KOLOTHUMANNIL C.,  
CA  
[72] NARENDRANATH,  
NEELAKANTAM V., CA  
[71] UNIVERSITY OF SASKATCHEWAN  
TECHNOLOGIES INC., CA  
[22] 2000-03-17  
[43] 2000-09-18  
[30] US (09/271,877) 1999-03-18

[21] **2,300,816**  
[13]  
[51] **Int.Cl. 7E04F 17/08 7F16L 5/00  
7H02G 3/22**  
[25] EN  
[54] **CEILING FEED ASSEMBLY  
ADAPTABLE TO FIT RACEWAYS  
HAVING DIFFERENT CROSS-  
SECTIONAL CONFIGURATIONS**  
[54] **ENSEMBLE D'ALIMENTATION  
PLAFONNIER ADAPTABLE A DES  
CHEMINS DE CABLES DE  
DIFFERENTES COUPES**  
[72] EWER, STEPHEN R., US  
[71] HUBBELL INCORPORATED, US  
[22] 2000-03-16  
[43] 2000-09-23  
[30] US (09/274,734) 1999-03-23

[21] **2,300,832**  
[13] A1  
[51] **Int.Cl. 7F17D 1/08 7D21C 7/06**  
[25] EN  
[54] **CHIP FEEDING TO A  
COMMUNUTED CELLULOSIC  
FIBROUS MATERIAL TREATMENT  
VESSEL**  
[54] **ALIMENTATION EN COPEAUX  
D'UN RECIPIENT DE TRAITEMENT DE  
MATIERES FIBREUSES  
CELLULOSIQUES BROYEES  
FINEMENT**  
[72] MIELE, JAY, US  
[72] PROUGH, J., ROBERT, US  
[72] STROMBERG, C., BERTIL, US  
[72] LAAKSO, RICHARD O., US  
[72] KETTUNEN, AUVO K., FI  
[71] AHLSTROM MACHINERY INC., US  
[22] 2000-03-17  
[43] 2000-09-18  
[30] US (60/124,890) 1999-03-18  
[30] US (60/138,280) 1999-06-09  
[30] US (09/520,761) 2000-03-07

[21] **2,300,844**  
[13] A1  
[51] **Int.Cl. 7A61M 5/19 7A61M 5/315**  
[25] EN  
[54] **SYRINGE FOR MEDICAL  
PURPOSES**  
[54] **SERINGUE MEDICALE**  
[72] SCHONWETTER, KLAUS, DE  
[72] VETTER, UDO J., DE  
[71] ARZNEIMITTEL GMBH  
APOTHEKER VETTER & CO.  
RAVENSBURG, DE  
[22] 2000-03-17  
[43] 2000-09-19  
[30] DE (199 12 322.5-41) 1999-03-19

**Demandes canadiennes mises à la disponibilité du public**  
**17 septembre 2000 - 23 septembre 2000**

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[21] **2,300,851**  
[13] A1

[51] **Int.Cl. 7H04Q 7/30**  
[25] EN  
[54] **GAIN EQUALIZATION FOR OPTICAL FIBER DISTRIBUTION NETWORK**  
[54] **EGALISATION DU GAIN POUR RESEAU DE DISTRIBUTION A FIBRES OPTIQUES**  
[72] DEVINNEY, ERIK T., US  
[72] SABAT, JOHN JR., US  
[71] TRANSCHEPT, INC., US  
[22] 2000-03-17  
[43] 2000-09-17  
[30] US (09/270,621) 1999-03-17

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[21] **2,301,239**  
[13] A1

[51] **Int.Cl. 7B01J 38/34**  
[25] EN  
[54] **STAGED CATALYST REGENERATION IN A BAFFLED FLUIDIZED BED**  
[54] **REGENERATION CATALYTIQUE PAR ETAPES DANS UN LIT FLUIDISE CLOISONNE**  
[72] MILLER, RICHARD B., US  
[72] YANG, YONG-LIN, US  
[71] KELLOGG BROWN & ROOT, INC., US  
[22] 2000-03-15  
[43] 2000-09-17  
[30] US (271,417) 1999-03-17

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[21] **2,301,245**  
[13] A1

[51] **Int.Cl. 7B61B 7/00 7B61B 12/00**  
[25] FR  
[54] **DISPOSITIF DE TRANSPORT COMPRENANT AU MOINS UN CHARIOT OU UN VEHICULE ANALOGUE CIRCULANT SUR UN CABLE**  
[54] **TRANSPORTATION DEVICE CONSISTING OF AT LEAST ONE CARRIAGE OR SIMILAR VEHICLE MOVING ON A CABLE**  
[72] VOIRIN, PHILIPPE, FR  
[71] AEROFUN (SOCIETE A RESPONSABILITE LIMITEE), FR  
[22] 2000-03-16  
[43] 2000-09-17  
[30] FR (99 03488) 1999-03-17  
[30] EP (99440279.0) 1999-10-20

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[21] **2,301,248**  
[13] A1

[51] **Int.Cl. 7A01G 31/00**  
[25] FR  
[54] **SUBSTRAT DE CULTURE HORS-SOL**  
[54] **SOILLESS CULTURE SUBSTRATE**  
[72] ESPIARD, PHILIPPE, FR  
[72] MARCHAL, ARNAUD, FR  
[72] MARLE, GERARD, FR  
[71] CULTILENE BV, NL  
[22] 2000-03-17  
[43] 2000-09-19  
[30] FR (99/03421) 1999-03-19

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[21] **2,301,293**  
[13] A1

[51] **Int.Cl. 7G06T 15/00 7G06T 15/50**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ANTIALIASING BUMP TEXTURE AND BUMP MAPPING**  
[54] **SYSTEME ET METHODE D'ANTICRENELAGE DE TEXTURE A SINGULARITE CONVEXE, ET DE PLACAGE DE RELIEF**  
[72] COSMAN, MICHAEL A., US  
[71] EVANS & SUTHERLAND COMPUTER CORPORATION, US  
[22] 2000-03-16  
[43] 2000-09-18  
[30] US (09/271,588) 1999-03-18

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[21] **2,301,298**  
[13] A1

[51] **Int.Cl. 7F01L 1/04 7F01L 1/18**  
[25] EN  
[54] **DRIVE TRAIN FOR OVERHEAD CAM ENGINE**  
[54] **ENTRAINEMENT DE MOTEUR A ARBRE A CAMES EN TETE**  
[72] IMMEL, THOMAS A., US  
[72] BALZAR, RODNEY J., US  
[72] ADAMS, GAR M., US  
[72] KUBISTA, KYLE I., US  
[71] TECUMSEH PRODUCTS COMPANY, US  
[22] 2000-03-17  
[43] 2000-09-19  
[30] US (60/125,143) 1999-03-19

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[21] **2,301,300**  
[13] A1

[51] **Int.Cl. 7D21H 11/22**  
[25] EN  
[54] **DECORATIVE PAPER BASE**  
[54] **SUPPORT PAPIER DECORATIF**  
[72] SCHULZ, HARTMUT, DE  
[71] TECHNOCELL DEKOR GMBH & CO. KG, DE  
[22] 2000-03-17  
[43] 2000-09-18  
[30] DE (199 12 149.4) 1999-03-18

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[21] **2,301,302**  
[13] A1

[51] **Int.Cl. 7C08K 5/13 7C08K 5/06 7C08K 5/14 7H01B 3/42**  
[25] EN  
[54] **A POLYETHYLENE CROSSLINKABLE COMPOSITION**  
[54] **UNE COMPOSITION RETICULABLE DE POLYETHYLENE**  
[72] GROSS, LAURENCE HERBERT, US  
[72] CARONIA, PAUL JOSEPH, US  
[72] FURNO, JOHN SALVATORE, US  
[72] KEOGH, MICHAEL JOHN, US  
[71] UNION CARBIDE CHEMICALS AND PLASTICS TECHNOLOGY CORPORATION, US  
[22] 2000-03-17  
[43] 2000-09-18  
[30] US (09/271,756) 1999-03-18

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[21] **2,301,305**  
[13] A1

[51] **Int.Cl. 7C08K 5/01 7C08J 5/00 7C08K 5/05 7C08K 5/06 7C08K 5/14 7C08K 5/18 7C08K 5/375 7H01B 3/42**  
[25] EN  
[54] **A POLYETHYLENE CROSSLINKABLE COMPOSITION**  
[54] **UNE COMPOSITION RETICULABLE DE POLYETHYLENE**  
[72] GROSS, LAURENCE HERBERT, US  
[72] FURNO, JOHN SALVATORE, US  
[72] NELSON, FREDERICK F., US  
[72] NGUYEN, TUYEN T., US  
[72] CARONIA, PAUL JOSEPH, US  
[72] KEOGH, MICHAEL JOHN, US  
[72] BISWAS, ATANU, US  
[71] UNION CARBIDE CHEMICALS AND PLASTICS TECHNOLOGY CORPORATION, US  
[22] 2000-03-17  
[43] 2000-09-18  
[30] US (09/271,754) 1999-03-18

**Canadian Laid-Open Applications**  
**September 17, 2000 - September 23, 2000**

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[21] **2,301,310**  
[13] A1

[51] **Int.Cl. 7C08K 5/3435 7C08K 5/17 7C08K 5/20 7B29C 45/73**  
[25] EN  
[54] **POLYOLEFIN RESIN COMPOSITION, THEIR MOLDINGS AND MOLDING PROCESS**  
[54] **COMPOSITION DE RESINE POLYOLEFINIQUE, SES MOULAGES ET SON PROCEDE DE MOULAGE**  
[72] AOKI, OSAMU, JP  
[72] UENO, KOUHEI, JP  
[72] TAKAHASHI, NOBUYUKI, JP  
[72] TOSHINO, HIROYUKI, JP  
[71] GRAND POLYMER CO., LTD., JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-03-17  
[43] 2000-09-19  
[30] JP (76656/1999) 1999-03-19

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[21] **2,301,313**  
[13] A1

[51] **Int.Cl. 7C08G 77/18 7C08L 83/06**  
[25] EN  
[54] **CURABLE COMPOSITION**  
[54] **COMPOSITION DURCISSABLE**  
[72] ITO, HIROSHI, JP  
[72] IWAKIRI, HIROSHI, JP  
[72] KAWAKUBO, FUMIO, JP  
[72] JYONO, HIDEHARU, JP  
[72] KANAMORI, YUKA, JP  
[72] ODAKA, HIDETOSHI, JP  
[71] KANEKA CORPORATION, JP  
[22] 2000-03-17  
[43] 2000-09-18  
[30] JP (11-073224) 1999-03-18

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[21] **2,301,322**  
[13] A1

[51] **Int.Cl. 7A61G 17/00**  
[25] EN  
[54] **CREMATION CONTAINER FOLDABLE INTO COMPACT CONFIGURATION FOR SHIPPING**  
[54] **CONTENANT DE CREMATION REPLIABLE DE FACON COMPACTE POUR L'EXPEDITION**  
[72] SCHEELE, ED, US  
[72] SOMTRAKOOL, SAMACHA, US  
[72] BOWMAN, PAT, US  
[72] PARKER, DANIEL J., US  
[72] HEIL, TOM, US  
[72] MAPLE, JAMES, US  
[72] JONES, RODGER, US  
[71] BATESVILLE SERVICES, INC., US  
[22] 2000-03-14  
[43] 2000-09-19  
[30] US (60/125,273) 1999-03-19  
[30] US (09/312,301) 1999-05-14

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[21] **2,301,339**  
[13] A1

[51] **Int.Cl. 7G02B 6/04 7H04N 7/18 7G01N 21/84**  
[25] EN  
[54] **METHOD AND SYSTEM FOR IDENTIFYING A FEATURE ON A LONGITUDINALLY ADVANCING MEMBER AND MARKING THE ADVANCING MEMBER BASED ON THE IDENTIFICATION**  
[54] **METHODE, SYSTEME ET MARQUAGE D'IDENTIFICATION DE CARACTERISTIQUE D'UN ELEMENT PROGRESSANT LONGITUDINALEMENT**  
[72] FITZ, JONATHAN G., US  
[72] MCNEILL, STEPHEN RICHARD, US  
[71] PIRELLI CABLES AND SYSTEMS LLC, US  
[22] 2000-03-17  
[43] 2000-09-18  
[30] US (09/271,099) 1999-03-18

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[21] **2,301,342**  
[13]

[51] **Int.Cl. 7H04B 1/69 7H04B 7/216**  
[25] EN  
[54] **RADIO RECEPTION APPARATUS AND RADIO RECEPTION METHOD**  
[54] **RECEPTEUR RADIO ET METHODE DE RECEPTION CONNEXE**  
[72] MIYA, KAZUYUKI, JP  
[72] UE, TOYOKI, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 2000-03-17  
[43] 2000-09-23  
[30] JP (11-78454) 1999-03-23

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[21] **2,301,353**  
[13] A1

[51] **Int.Cl. 7B23D 57/00 7B23D 55/00 7B23D 45/10**  
[25] EN  
[54] **BAND SAW PORTABLE SAWMILL HAVING INTEGRAL CIRCULAR SAW EDGES**  
[54] **SCIERIE PORTATIVE A SCIE-RUBAN POURVUE DE REDENTS CIRCULAIRES INTEGRES**  
[72] DAHL, CHET J., US  
[72] WYNDHAM, NICHOLAS J., US  
[71] DAHL, CHET J., US  
[71] WYNDHAM, NICHOLAS J., US  
[22] 2000-03-20  
[43] 2000-09-18  
[30] US (60/125,450) 1999-03-18

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[21] **2,301,371**  
[13]

[51] **Int.Cl. 7D21C 9/147 7C12S 3/08**  
[25] EN  
[54] **PROCESS FOR BLEACHING LIGNOCELLULOSE PULP**  
[54] **PROCEDE DE BLANCHIMENT DE PATE A PAPIER LIGNOCELLULOSIQUE**  
[72] AZUMI, NAOYA, JP  
[72] SUGIURA, JUN, JP  
[72] KAGAWA, HITOSHI, JP  
[72] IZUMI, YOSHIYA, JP  
[71] OJI PAPER CO., LTD., JP  
[22] 2000-03-20  
[43] 2000-09-23  
[30] JP (11-077549) 1999-03-23  
[30] JP (11-229068) 1999-08-13

**Demandes canadiennes mises à la disponibilité du public**  
**17 septembre 2000 - 23 septembre 2000**

[21] **2,301,372**  
[13]

[51] **Int.Cl. 7D21H 13/08 7A47L 13/16**  
[25] EN  
[54] **WATER-DECOMPOSABLE NON-  
WOVEN FABRIC COMPRISING  
REGENERATED CELLULOSE FIBERS  
IN DIFFERENT FIBER LENGTHS**  
[54] **TEXTILE NON TISSE  
DECOMPOSABLE DANS L'EAU,  
CONTENANT DES FIBRES DE  
CELLULOSE REGENEREES DE  
DIFFERENTES LONGUEURS DE FIBRE**  
[72] KONISHI, TAKAYOSHI, JP  
[72] TAKEUCHI, NAOHITO, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2000-03-20  
[43] 2000-09-23  
[30] JP (11-77976) 1999-03-23

[21] **2,301,378**  
[13] A1

[51] **Int.Cl. 7A61K 31/557 7A61P 29/00  
7A61P 1/04 7A61K 45/08 7A61K 31/192  
7A61K 31/196 7A61K 9/28 7A61K 31/5415  
7A61K 31/5575**  
[25] EN  
[54] **STABILIZED PHARMACEUTICAL  
COMPOSITION OF A NONSTEROIDAL  
ANTI-INFLAMMATORY AGENT AND  
A PROSTAGLANDIN**  
[54] **COMPOSITION  
PHARMACEUTIQUE STABILISEE  
D'UN ANTI-INFLAMMATOIRE NON  
STEROIDIEN ET D'UNE  
PROSTAGLANDINE**  
[72] AZAD, ABUL KALAM, CA  
[72] OUALI, AOMAR, CA  
[71] PHARMASCIENCE INC., CA  
[22] 2000-03-20  
[43] 2000-09-22  
[30] US (09/273,692) 1999-03-22

[21] **2,301,385**  
[13] A1

[51] **Int.Cl. 7A23F 5/04**  
[25] EN  
[54] **LOW DENSITY SLOW ROASTED  
COFFEE**  
[54] **CAFE TORREFIE LENTEMENT A  
FAIBLE DENSITE**  
[72] RERNGSAMAI, NIPHON, US  
[72] WASSERMAN, GERARD SIGMUND,  
US  
[72] HAYES, DENNIS FRANCIS, US  
[72] MOFFORD, EDMUND FRANK, US  
[72] DABDOUB, CHANTAL, US  
[71] KRAFT FOODS, INC., US  
[22] 2000-03-20  
[43] 2000-09-22  
[30] US (274,716) 1999-03-22

[21] **2,301,391**  
[13] A1

[51] **Int.Cl. 7B02C 17/16**  
[25] EN  
[54] **DEVICE FOR THE HIGH-ENERGY  
AND/OR SUPERFINE GRINDING OF  
SOLIDS**  
[54] **DISPOSITIF POUR LE BROYAGE A  
HAUTE ENERGIE ET/OU SUPERFIN DE  
MATIERES SOLIDES**  
[72] ZOZ, HENNING, DE  
[71] ZOZ GMBH, DE  
[22] 2000-03-20  
[43] 2000-09-20  
[30] DE (199 12 594.5) 1999-03-20

[21] **2,301,407**  
[13] A1

[51] **Int.Cl. 7C12P 13/04 7C12P 13/08  
7C12N 1/20**  
[25] EN  
[54] **PRODUCTION OF L-AMINO  
ACIDS BY FERMENTATION USING  
CORYNEFORM BACTERIA**  
[54] **PRODUCTION DE L-AMINO-  
ACIDES PAR FERMENTATION A  
L'AIDE DE CORYNEBACTERIES**  
[72] MOCKEL, BETTINA, DE  
[72] VAN DER REST, MICHEL EDUARD,  
NL  
[72] MOLENAAR, DOUWE, DE  
[71] DEGUSSA-HULS  
AKTIENGESELLSCHAFT, DE  
[22] 2000-03-16  
[43] 2000-09-19  
[30] DE (199 12 384.5) 1999-03-19

[21] **2,301,414**  
[13] A1

[51] **Int.Cl. 7H01M 10/26**  
[25] EN  
[54] **POLYMER ELECTROLYTE  
ELECTROLYTE POLYMERE**  
[72] OYAMA, NOBORU, JP  
[71] OYAMA, NOBORU, JP  
[22] 2000-03-16  
[43] 2000-09-17  
[30] JP (11-071758) 1999-03-17  
[30] JP (11-295503) 1999-10-18

[21] **2,301,419**  
[13] A1

[51] **Int.Cl. 7H04L 12/12 7H04L 29/06**  
[25] EN  
[54] **METHOD AND ARRANGEMENT  
FOR PREPARING FOR THE  
TRANSMISSION OF MULTIMEDIA-  
RELATED INFORMATION IN A  
PACKET-SWITCHED CELLULAR  
RADIO NETWORK**  
[54] **METHODE ET ARRANGEMENT  
SERVANT A LA PREPARATION DE  
DONNEES MULTIMEDIA POUR  
TRANSMISSION SUR UN RESEAU  
CELLULAIRE A COMMUTATION DE  
PAQUETS**  
[72] SEVANTO, JARKKO, FI  
[72] PUUSKARI, MIKKO, FI  
[71] NOKIA MOBILEPHONES LTD., FI  
[22] 2000-03-20  
[43] 2000-09-22  
[30] FI (990640) 1999-03-22

[21] **2,301,423**  
[13] A1

[51] **Int.Cl. 7D21D 5/06**  
[25] EN  
[54] **PRESSURE SCREENING  
APPARATUS FOR SCREENING A  
PAPER STOCK SUSPENSION AND  
SCREEN CLEARER FOR SUCH A  
SCREENING APPARATUS**  
[54] **DISPOSITIF DE TAMISAGE SOUS  
PRESSION SERVANT AU TAMISAGE  
DE SUSPENSIONS DANS DU PAPIER  
D'IMPRESSION ET NETTOYEUR DE  
TAMISAGE**  
[72] VEH, GERHARD, DE  
[72] BRUCKNER, JOSEF, DE  
[72] FRIEDRICH, HANS, DE  
[71] VOITH SULZER PAPIERTECHNIK  
PATENT GMBH, DE  
[22] 2000-03-16  
[43] 2000-09-17  
[30] DE (199 11 884.1) 1999-03-17



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[21] 2,301,428  
[13] A1

[51] **Int.Cl. 7B65D 33/14 7B65B 67/12 7B31B 27/14**  
[25] EN  
[54] **STACK CONSISTING OF A MULTIPLICITY OF BAGS WHICH ARE CONNECTED TO ONE ANOTHER AND ARE MADE OF PLASTIC FILM, IN PARTICULAR VENDING MACHINE BAGS, AND ALSO PROCESS AND APPARATUS FOR PRODUCING AND FILLING BAGS OF THIS TYPE**  
[54] **COLONNE COMPOSEE D'UNE MULTIPLICITE DE SACS RELIES LES UNS AUX AUTRES ET FABRIQUES A PARTIR D'UN FILM PLASTIQUE, EN PARTICULIER SACS DE DISTRIBUTEURS AUTOMATIQUES, AINSI QUE PROCESSUS ET APPAREIL POUR LA FABRICATION ET LE REMPLISSAGE DE SACS DE CE TYPE**  
[72] SCHNEIDER, JAKOB, DE  
[72] WUITS, BERT, DE  
[72] SCHUBEL, INGO, DE  
[72] MEYER, ARMIN, DE  
[71] LEMO MASCHINENBAU GMBH, DE  
[22] 2000-03-16  
[43] 2000-09-17  
[30] DE (199 12 019.6) 1999-03-17  
[30] DE (199 17 284.6) 1999-04-16  
[30] DE (199 35 065.5) 1999-07-28  
[30] DE (199 35 064.7) 1999-07-28

[21] 2,301,430  
[13] A1

[51] **Int.Cl. 7B25J 1/00 7A01D 7/10**  
[25] EN  
[54] **SUPPORT AND CONTROL DEVICE FOR OPENING OR CLOSING A GRIP ELEMENT IN TWO PARTS**  
[54] **SUPPORT ET DISPOSITIF DE COMMANDE POUR OUVRIR OU FERMER UN ELEMENT DE PREHENSION EN DEUX PARTIES**  
[72] AGRATI, GIUSEPPE, IT  
[71] G. AGRATI S.N.C. DI AGRATI GIUSEPPE & C., IT  
[22] 2000-03-16  
[43] 2000-09-19  
[30] IT (MI99A 000558) 1999-03-19

[21] 2,301,431  
[13] A1

[51] **Int.Cl. 7B65H 31/30 7B65H 39/075 7B65G 47/34 7B65G 47/82**  
[25] EN  
[54] **DEVICE FOR SORTING AND SELECTIVELY COLLECTING FLAT PRODUCTS**  
[54] **DISPOSITIF DE TRI ET DE COLLECTE SELECTIVE DE PRODUITS PLATS**  
[72] BOLLER, MANFRED, DE  
[72] OPPLIGER, JEAN-CLAUDE, CH  
[71] GRAPHA-HOLDING AG, CH  
[22] 2000-03-16  
[43] 2000-09-22  
[30] EP (99810251.1-2313) 1999-03-22

[21] 2,301,450  
[13]

[51] **Int.Cl. 7C02F 1/78 7C02F 3/00**  
[25] EN  
[54] **WATER TREATMENT SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE TRAITEMENT DE L'EAU**  
[72] HART, HUBERT ROGER, CA  
[72] SWALES, JAMES EDWARD, CA  
[72] BAIN, THOMAS W., CA  
[72] SWALES, GRAHAM EDWARD, CA  
[71] HART, HUBERT ROGER, CA  
[71] SWALES, JAMES EDWARD, CA  
[71] BAIN, THOMAS W., CA  
[71] SWALES, GRAHAM EDWARD, CA  
[22] 2000-03-21  
[43] 2000-09-23  
[30] US (60/125,782) 1999-03-23

[21] 2,301,457  
[13]

[51] **Int.Cl. 7G02F 1/1335**  
[25] EN  
[54] **PROCESS FOR THE APPLICATION OF A LIGHT-BLOCKING LAYER BETWEEN PHOTOCONDUCTING LAYER AND MIRROR IN THE MANUFACTURE OF AN OPTICALLY ADDRESSABLE SPATIAL LIGHT MODULATOR OASLM**  
[54] **PROCEDE D'APPLICATION D'UNE COUCHE FILTRANT LA LUMIERE ENTRE LA COUCHE PHOTOCONDUCTRICE ET LE MIROIR LORS DE LA FABRICATION D'UN MODULATEUR SPATIAL DE LUMIERE PHOTO-ADRESSABLE OASLM**  
[72] BERESNEV, LEONID, DE  
[72] HAASE, WOLFGANG, DE  
[72] DULTZ, WOLFGANG, DE  
[72] ONOKHOV, ARKADY, DE  
[72] KONSHINA, ELENA, DE  
[71] DEUTSCHE TELEKOM AG, DE  
[22] 2000-03-21  
[43] 2000-09-23  
[30] DE (199 14 112.6) 1999-03-23

[21] 2,301,458  
[13]

[51] **Int.Cl. 7F24B 1/02 7F24B 5/02**  
[25] EN  
[54] **WOOD HEATER**  
[54] **APPAREIL DE CHAUFFAGE AU BOIS**  
[72] CHAMPION, MARK, US  
[71] CHAMPION, MARK, US  
[22] 2000-03-21  
[43] 2000-09-23  
[30] US (60/125,742) 1999-03-23  
[30] US (09/528,098) 2000-03-17

[21] 2,301,461  
[13] A1

[51] **Int.Cl. 7F24H 3/00 7F23D 14/12**  
[25] EN  
[54] **RADIANT HEATING DEVICE, IN PARTICULAR FOR OUTDOOR SURROUNDINGS**  
[54] **RADIATEUR CHAUFFANT, NOTAMMENT POUR L'EXTERIEUR**  
[72] MAZZACURATI, ERNESTO, IT  
[71] SIABS INDUSTRY S.R.L., IT  
[22] 2000-03-21  
[43] 2000-09-22  
[30] IT (MI99A000578) 1999-03-22

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[21] **2,301,462**  
[13] A1

[51] **Int.Cl. 7B60R 7/00 7B60R 5/04 7B60R 9/06 7B60P 1/52**  
[25] EN  
[54] **VEHICLE BED SLIDE**  
[54] **RAMPE DE CHASSIS DE VEHICULE**  
[72] ROBINSON, STEVE, US  
[72] CARPENTER, KEITH A., US  
[71] ROBINSON, STEVE, US  
[71] CARPENTER, KEITH A., US  
[22] 2000-03-21  
[43] 2000-09-22  
[30] US (60/125,420) 1999-03-22  
[30] US (UNKNOWN) 2000-03-17

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[21] **2,301,467**  
[13] A1

[51] **Int.Cl. 7F16M 7/00 7F01D 25/28**  
[25] EN  
[54] **A SELF LEVELING MACHINE SUPPORT**  
[54] **PLATE-FORME DE MISE A NIVEAU AUTOMATIQUE DE MACHINE**  
[72] VOORHEES, PETER GARRETT, US  
[71] DRESSER-RAND COMPANY, US  
[22] 2000-03-21  
[43] 2000-09-22  
[30] US (09/273,880) 1999-03-22

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[21] **2,301,469**  
[13] A1

[51] **Int.Cl. 7G02B 6/255**  
[25] EN  
[54] **METHOD OF PERMANENTLY JOINING OPTICAL FIBRES CHARACTERISED BY STRONGLY DIFFERENT GLASS TRANSITION POINTS**  
[54] **METHODE DE RACCORDEMENT EN PERMANENCE DE FIBRES OPTIQUES CARACTERISEES PAR DES TEMPERATURES DE TRANSITION VITREUSE TRES DIFFERENTES**  
[72] BRAGLIA, MARCO, IT  
[71] OTC - OPTICAL TECHNOLOGIES CENTER S.R.L., IT  
[22] 2000-03-21  
[43] 2000-09-22  
[30] IT (TO99A 000217) 1999-03-22

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[21] **2,301,484**  
[13]

[51] **Int.Cl. 7A01N 43/36 7A01N 55/10 7A01N 43/653**  
[25] EN  
[54] **PESTICIDAL COMPOSITIONS**  
[54] **COMPOSITIONS ANTIPARASITAIRES**  
[72] FORSTER, BIRGIT, CH  
[71] NOVARTIS AG, CH  
[22] 2000-03-21  
[43] 2000-09-23  
[30] GB (9906691.2) 1999-03-23

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[21] **2,301,486**  
[13]

[51] **Int.Cl. 7A21D 10/00 7A21C 11/00**  
[25] EN  
[54] **LEAK-PROOF EDIBLE CONTAINER**  
[54] **CONTENANT COMESTIBLE ETANCHE**  
[72] ROTH, RANDY, CA  
[71] ROTH, RANDY, CA  
[22] 2000-03-21  
[43] 2000-09-23  
[30] CA (2,264,349) 1999-03-23

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[21] **2,301,487**  
[13] A1

[51] **Int.Cl. 7C25B 1/26 7C25B 1/18 7C25B 9/18**  
[25] EN  
[54] **METHOD AND PRODUCTION LINE FOR PRODUCTION OF MAGNESIUM AND CHLORINE**  
[54] **METHODE ET CHAINE DE FABRICATION POUR LA PRODUCTION DE MAGNESIUM ET DE CHLORE**  
[72] DEVIATKIN, VLADIMIR N., UA  
[72] SCHYOGOLEV, VLADIMIR I., RU  
[72] CHESNOKOV, ALEXANDER S., RU  
[72] SVALOV, GENNADY N., RU  
[72] ZABELIN, IGOR V., UA  
[72] TATAKIN, ALEXANDER N., RU  
[71] ALUMINIUM ALLOIES & METALLURGICAL PROCESSES LIMITED, GB  
[71] RUSSIAN NATIONAL ALUMINIUM AND MAGNESIUM INSTITUTE (VAMI), RU  
[22] 2000-03-21  
[43] 2000-09-22  
[30] RU (99105639) 1999-03-22

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[21] **2,301,490**  
[13] A1

[51] **Int.Cl. 7F16L 55/115**  
[25] EN  
[54] **DISPOSABLE PROTECTIVE CLOSURE**  
[54] **FERMETURE DE PROTECTION JETABLE**  
[72] JUDSON, DAVID ALEXANDER, CA  
[72] URAC, TIBOR, CA  
[72] COTE, STEEVE STEPHEN, CA  
[71] PRATT & WHITNEY CANADA INC., CA  
[22] 2000-03-16  
[43] 2000-09-18  
[30] US (09/272,174) 1999-03-18

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[21] **2,301,492**  
[13] A1

[51] **Int.Cl. 7C08F 236/20 7C08F 232/08**  
[25] EN  
[54] **ENHANCED CROSSLINKING TERPOLYMER**  
[54] **TERPOLYMERE DE RETICULATION AMELIORE**  
[72] FOSTER, GEORGE NORRIS, US  
[72] CHEN, TONG, US  
[72] LEE, DAY-CHYUAN, US  
[72] REICHL, WALTER THOMAS, US  
[72] VOGEL, ROBERT HAROLD, US  
[72] WASSERMAN, SCOTT HANLEY, US  
[72] ADAMS, JAMES LAMONTE, US  
[72] GROSS, LAURENCE HERBERT, US  
[71] UNION CARBIDE CHEMICALS AND PLASTICS TECHNOLOGY CORPORATION, US  
[22] 2000-03-21  
[43] 2000-09-22  
[30] US (09/273,609) 1999-03-22

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[21] **2,301,494**  
[13] A1

[51] **Int.Cl. 7C12P 1/00 7C12M 1/04**  
[25] EN  
[54] **METHOD OF USING OXYGEN TO ELIMINATE CARBON DIOXIDE POISONING IN AEROBIC FERMENTATION**  
[54] **METHODE UTILISANT L'OXYGENE POUR EMPECHER L'EMPOISONNEMENT AU DIOXYDE DE CARBONE DE LA FERMENTATION AEROBIE**  
[72] CHENG, ALAN TAT YAN, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 2000-03-21  
[43] 2000-09-22  
[30] US (09/273,980) 1999-03-22

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[21] **2,301,495**  
[13] A1  
[51] **Int.Cl. 7E04G 19/00 7E04G 11/08**  
[25] EN  
[54] **DEVICE FOR FACILITATING THE REMOVAL OF FORMWORK**  
[54] **DISPOSITIF POUR FACILITER L'ENLEVEMENT DE COFFRAGES**  
[72] BUTIGIEG, JOHNNY, FR  
[71] COMPAGNIE DU SOL, FR  
[22] 2000-03-16  
[43] 2000-09-19  
[30] FR (99 03428) 1999-03-19

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[21] **2,301,496**  
[13] A1  
[51] **Int.Cl. 7A45C 11/00 7A63C 11/00 7B65D 30/04**  
[25] EN  
[54] **ELASTIC COVERINGS FOR SKIS, SNOWBOARDS, AND THE LIKE**  
[54] **HOUSES ELASTIQUES POUR SKIS, PLANCHES A NEIGE, ET AUTRES OBJETS DU MEME GENRE**  
[72] SMITH, JOSEPH STORK, US  
[71] SMITH, JOSEPH STORK, US  
[22] 2000-03-16  
[43] 2000-09-17  
[30] US (60/124,732) 1999-03-17

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[21] **2,301,502**  
[13] A1  
[51] **Int.Cl. 7A44C 9/00 7A44C 27/00**  
[25] EN  
[54] **LOCKING RING ANVIL**  
[54] **ENCLUME A ANNEAU DE BLOCAGE**  
[72] ORLANDO, ANTHONY JR., US  
[71] ORLANDO, ANTHONY JR., US  
[22] 2000-03-16  
[43] 2000-09-17  
[30] US (60/124,874) 1999-03-17

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[21] **2,301,786**  
[13] A1  
[51] **Int.Cl. 7B65H 27/00**  
[25] EN  
[54] **DRIVE WHEELS FOR AN APPARATUS PERFORMING A WORK OPERATION ON STRIP MATERIAL**  
[54] **GALETS D'ENTRAINEMENT DE DISPOSITIF EFFECTUANT UN TRAVAIL SUR UN MATERIAU EN RUBAN**  
[72] FISHER, KENNETH, US  
[72] SCHLUETER, RICHARD, US  
[72] THOMAS, MICHAEL, US  
[72] ZENCZAK, BRIAN, US  
[71] GERBER SCIENTIFIC PRODUCTS, INC., US  
[22] 2000-03-21  
[43] 2000-09-22  
[30] US (09/273,951) 1999-03-22

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[21] **2,301,797**  
[13]  
[51] **Int.Cl. 7B62D 55/12 7B23K 9/04**  
[25] EN  
[54] **BASE CARRIER FOR TRACKLAYING VEHICLE AND HARD FACING METHOD**  
[54] **PORTEUR DE BASE POUR VEHICULE A CHENILLES ET METHODE DE RECHARGEMENT EN DUR**  
[72] AMANO, MASAHARU, JP  
[71] KOMATSU LTD., JP  
[22] 2000-03-21  
[43] 2000-09-23  
[30] JP (HEI.11-77464) 1999-03-23  
[30] JP (HEI.11-77986) 1999-03-23  
[30] JP (HEI.11-87729) 1999-03-30  
[30] JP (HEI.11-281981) 1999-10-01

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[21] **2,301,804**  
[13] A1  
[51] **Int.Cl. 7B07B 1/42**  
[25] EN  
[54] **IMPROVED WHEEL CASE FOR A VIBRATORY APPARATUS**  
[54] **ENGRENAGES AMELIORES POUR DISPOSITIF VIBRANT**  
[72] OSTERGAARD, DAVID A., US  
[71] CEDARAPIDS INC., US  
[22] 2000-03-21  
[43] 2000-09-22  
[30] US (09/273,432) 1999-03-22

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[21] **2,301,927**  
[13] A1  
[51] **Int.Cl. 7A47B 21/00**  
[25] EN  
[54] **ERGONOMIC TYPIST VERTEBRAL SUPPORT**  
[54] **SUPPORT VERTEBRAL ERGONOMIQUE POUR DACTYLOGRAPHE**  
[72] DIGNAT, JEAN-FRANCOIS, FR  
[71] DIGNAT, JEAN-FRANCOIS, FR  
[22] 2000-03-21  
[43] 2000-09-22  
[30] FR (9903634) 1999-03-22  
[30] FR (0000534) 2000-01-17

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[21] **2,301,931**  
[13]  
[51] **Int.Cl. 7E06B 9/322**  
[25] EN  
[54] **MODULAR TRANSPORT SYSTEM FOR COVERINGS FOR ARCHITECTURAL OPENINGS**  
[54] **SYSTEME DE TRANSPORT MODULAIRE POUR COUVRE-OUVERTURES ARCHITECTURALES**  
[72] ANDERSON, RICHARD N., US  
[72] HAARER, STEVEN R., US  
[72] COLSON, WENDELL B., US  
[71] HUNTER DOUGLAS INC., US  
[22] 2000-03-21  
[43] 2000-09-23  
[30] US (60/125,776) 1999-03-23

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[21] **2,301,934**  
[13]  
[51] **Int.Cl. 7G01P 13/04**  
[25] EN  
[54] **MOTOR ROTATION DETECTOR APPARATUS**  
[54] **APPAREIL DE DETECTION DE ROTATION DE MOTEUR**  
[72] ALER, MARK D., US  
[72] GU, JIN H., US  
[71] ITT MANUFACTURING ENTERPRISES, INC., US  
[22] 2000-03-22  
[43] 2000-09-23  
[30] US (09/274,488) 1999-03-23

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**17 septembre 2000 - 23 septembre 2000**

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[21] **2,301,935**  
[13]

[51] **Int.Cl. 7G06F 9/44 7H04N 7/173**  
[25] EN  
[54] **STREAMING MEDIA CONTROL AND SYNCHRONIZATION APPLICATION PROGRAM INTERFACE (API) FOR A DIGITAL TELEVISION RECEIVER**  
[54] **INTERFACE DE PROGRAMME D'APPLICATION DE COMMANDE ET D'INFORMATION EN CONTINU POUR UN RECEPTEUR DE TELEVISION NUMERIQUE**  
[72] RAJAN, GANESH, US  
[72] MEANDZIJA, BRANISLAV, US  
[71] GENERAL INSTRUMENT CORPORATION, US  
[22] 2000-03-22  
[43] 2000-09-23  
[30] US (60/125786) 1999-03-23  
[30] US (60/127753) 1999-04-05

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[21] **2,301,949**  
[13] A1

[51] **Int.Cl. 7E04D 13/076**  
[25] EN  
[54] **GUTTER DRAINER ASSEMBLY**  
[54] **DISPOSITIF D'ECOULEMENT DE GOUTTIERE**  
[72] KAFTAN, JOHN A., US  
[71] KAFTAN, JOHN A., US  
[22] 2000-03-21  
[43] 2000-09-22  
[30] US (09/274,272) 1999-03-22

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[21] **2,301,954**  
[13] A1

[51] **Int.Cl. 7B62D 33/04**  
[25] EN  
[54] **KIT FOR MOUNTING A PICKUP BOX ON A TRUCK FRAME**  
[54] **PRET-A-MONTER DE CAISSE SUR UN CHASSIS DE CAMIONNETTE**  
[72] EGAN, JAMES E., US  
[71] EGAN, JAMES E., US  
[22] 2000-03-22  
[43] 2000-09-22  
[30] US (09/274165) 1999-03-22

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[21] **2,301,961**  
[13] A1

[51] **Int.Cl. 7C03C 17/00**  
[25] EN  
[54] **METHOD TO PRODUCE DECORATIONS**  
[54] **METHODE DE PRODUCTION DE DECORATIONS**  
[72] WEINBERG, WALDEMAR, DE  
[72] CAMPBELL, DAVE, DE  
[72] AUCHTER-KRUMMEL, PETRA, DE  
[72] COTLEAR DE WITZMANN, MONICA, DE  
[71] SCHOTT GLAS, DE  
[22] 2000-03-22  
[43] 2000-09-22  
[30] DE (199 12 914.2) 1999-03-22

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[21] **2,301,975**  
[13]

[51] **Int.Cl. 7A01N 43/653 7A01N 55/10**  
[25] EN  
[54] **PESTICIDAL COMPOSITIONS**  
[54] **COMPOSITIONS ANTIPARASITAIRES**  
[72] FORSTER, BIRGIT, SE  
[71] NOVARTIS AG, CH  
[22] 2000-03-21  
[43] 2000-09-23  
[30] GB (9906692.0) 1999-03-23

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[21] **2,301,976**  
[13]

[51] **Int.Cl. 7F16D 9/00 7F16D 7/00**  
[25] EN  
[54] **SAFETY DEVICE FOR TORQUE LIMITER**  
[54] **DISPOSITIF DE SECURITE POUR LIMITEUR DE COUPLE**  
[72] PROSPERO, ROBERTO, IT  
[72] BRUNAZZI, ACHILLE, IT  
[71] COMER GROUP S.P.A., IT  
[22] 2000-03-21  
[43] 2000-09-23  
[30] IT (M099A000055) 1999-03-23

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[21] **2,301,986**  
[13]

[51] **Int.Cl. 7B24C 3/10**  
[25] FR  
[54] **DISPOSITIF DE TRAITEMENT DE SURFACE PAR IMPACTS**  
[54] **DEVICE FOR TREATING SURFACES BY IMPACT**  
[72] CHEPPE, PATRICK, FR  
[72] DUCHAZEABENEIX, JEAN-MICHEL, FR  
[71] SONATS - SOCIETE DES NOUVELLES APPLICATIONS DES TECHNIQUES DE SURFACES, FR  
[22] 2000-03-22  
[43] 2000-09-23  
[30] FR (99 03 592) 1999-03-23

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[21] **2,301,988**  
[13]

[51] **Int.Cl. 7H01F 29/00 7H01F 1/40**  
[25] FR  
[54] **CIRCUIT INTEGRE MONOLITHIQUE INCORPORANT UN COMPOSANT INDUCTIF ET PROCEDE DE FABRICATION D'UN TEL CIRCUIT INTEGRE**  
[54] **MONOLITHIC INTEGRATED CIRCUIT WITH A BUILT-IN INDUCTIVE COMPONENT AND PROCEDURE FOR FABRICATING SUCH AN INTEGRATED CIRCUIT**  
[72] KARAM, JEAN-MICHEL, FR  
[72] BASTERES, LAURENT, FR  
[72] MHANI, AHMED, FR  
[72] VALENTIN, FRANCOIS, FR  
[71] PLANHEAD-SILMAG PHS, SOCIETE ANONYME, FR  
[71] MEMSCAP, SOCIETE ANONYME, FR  
[22] 2000-03-22  
[43] 2000-09-23  
[30] FR (99 03762) 1999-03-23

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[21] **2,302,012**  
[13] A1

[51] **Int.Cl. 7H04Q 3/64**  
[25] EN  
[54] **IMPROVED SKILL-BASED CALL ROUTING**  
[54] **ACHEMINEMENT AMELIORE DES APPELS BASE SUR LES COMPETENCES**  
[72] SUNDERMAN, KURT E., US  
[72] DOYLE, ROBERT, US  
[71] ROCKWELL ELECTRONIC COMMERCE CORPORATION, US  
[22] 2000-03-22  
[43] 2000-09-22  
[30] US (09/273,926) 1999-03-22

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**Canadian Laid-Open Applications**  
**September 17, 2000 - September 23, 2000**

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[21] **2,302,016**  
[13]

[51] **Int.Cl. 7H01R 13/44 7H01R 24/10**  
[25] EN  
[54] **CORD PLUG WITH PROTECTOR CAP**  
[54] **FICHE DE RALLONGE AVEC CAPUCHON DE PROTECTION**  
[72] ZUBIN, CLAUDIO, CA  
[72] WITKOWSKI, IRENEUSZ, CA  
[71] PHILLIPS & TEMRO INDUSTRIES LTD., CA  
[22] 2000-03-22  
[43] 2000-09-23  
[30] US (09/274,735) 1999-03-23

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[21] **2,302,057**  
[13]

[51] **Int.Cl. 7B60R 13/00 7B60Q 3/02 7G09F 21/04 7B60H 1/26**  
[25] EN  
[54] **HVAC DUCT/ADVERTISING CARD HOLDER**  
[54] **CONDUIT CVC/SUPPORT D’AFFICHES PUBLICITAIRES**  
[72] MYBURGH, HERMAN, US  
[71] MYBURGH, HERMAN, US  
[22] 2000-03-23  
[43] 2000-09-23  
[30] US (09/274,343) 1999-03-23

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[21] **2,302,062**  
[13]

[51] **Int.Cl. 7E21B 43/22**  
[25] EN  
[54] **BRINE FLUIDS WITH IMPROVED CORROSION PROPERTIES**  
[54] **FLUIDES POUR SAUMURE AYANT DES PROPRIETES CORROSIVES AMELIOREES**  
[72] WALKER, MICHAEL L., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2000-03-23  
[43] 2000-09-23  
[30] US (60/125,738) 1999-03-23  
[30] US (09/514,825) 2000-02-28

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[21] **2,302,145**  
[13] A1

[51] **Int.Cl. 7E04D 3/06 7E04B 7/18**  
[25] EN  
[54] **ROOF CONSTRUCTION**  
[54] **TOIT**  
[72] RICHARDSON, CHRISTOPHER, GB  
[71] ULTRAFRAME (UK) LIMITED, GB  
[22] 2000-02-23  
[43] 2000-09-17  
[30] GB (9906087.3) 1999-03-17

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[21] **2,302,408**  
[13]

[51] **Int.Cl. 7B60P 3/16 7B62D 33/06**  
[25] EN  
[54] **FRONT DISCHARGE CONCRETE VEHICLE CAB ENCLOSURE**  
[54] **CABINE DE BETONNIERE A VIDAGE PAR L’AVANT**  
[72] QUIGLEY, THOMAS, US  
[71] OSHKOSH TRUCK CORPORATION, US  
[22] 2000-03-23  
[43] 2000-09-23  
[30] US (09/274,895) 1999-03-23

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[21] **2,302,456**  
[13]

[51] **Int.Cl. 7B05C 17/12**  
[25] EN  
[54] **APPARATUS FOR APPLYING A MASKING ELEMENT**  
[54] **DISPOSITIF DE MASQUAGE**  
[72] GLENN, WILLIAM G., US  
[71] GLENN, WILLIAM G., US  
[22] 2000-03-23  
[43] 2000-09-23  
[30] US (09/274,727) 1999-03-23

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[21] **2,302,459**  
[13] A1

[51] **Int.Cl. 7G07B 15/00**  
[25] EN  
[54] **RADIO FREQUENCY HIGHWAY MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION D’AUTOROUTES A HAUTES FREQUENCES**  
[72] OOMEN, PETER, CA  
[72] COOK, JAMES KENNETH, CA  
[72] TERRIER, DANIEL L., CA  
[71] MARK IV INDUSTRIES LIMITED, CA  
[22] 2000-03-16  
[43] 2000-09-17  
[30] CA (2,265,398) 1999-03-17

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[21] **2,302,597**  
[13]

[51] **Int.Cl. 7A01G 23/097**  
[25] EN  
[54] **TREE DELIMBING DEVICE**  
[54] **DISPOSITIF D’EBRANCHAGE**  
[72] HAMBLY, THOMAS E., JR., US  
[71] HAMBLY, THOMAS E., JR., US  
[22] 2000-03-22  
[43] 2000-09-23  
[30] US (09/273,654) 1999-03-23

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[21] **2,302,976**  
[13] A1

[51] **Int.Cl. 7B29C 45/73 7B22C 9/00 7B29C 33/02**  
[25] EN  
[54] **BUBBLER TUBE WITH INTEGRAL INLET PIPE AND BIMETAL CORE FOR INJECTION MOLDING TOOLS**  
[54] **TUBE DE BARBOTAGE A TUYAU D’ENTREE ET NOYAU BIMETALLIQUE INTEGRES POUR OUTILS DE MOULAGE PAR INJECTION**  
[72] CHECK, JOHN M., US  
[71] CHECK, JOHN M., US  
[22] 2000-03-22  
[43] 2000-09-22  
[30] US (60/125,497) 1999-03-22

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[21] **2,302,980**  
[13] A1

[51] **Int.Cl. 7H01M 2/06**  
[25] EN  
[54] **A METHOD FOR TREATING CONTACT LEADS ON ELECTROCHEMICAL CELLS SO AS TO ACHIEVE IMPROVED HERMETICITY AND HERMETICALLY SEALED ELECTROCHEMICAL CELLS DERIVED THEREFROM**  
[54] **METHODE DE TRAITEMENT DES ELEMENTS DE CONTACT DE CELLULES ELECTROCHIMIQUES PERMETTANT D’OBTENIR UNE ETANCHEITE AMELIOREE ET CELLULES ELECTROCHIMIQUES HERMETIQUEMENT FERMEES RESULTANT DE CE TRAITEMENT**  
[72] TAMBURRINO, PETER C., US  
[72] XIE, LIKE, US  
[72] ALAMGIR, MOHAMED, US  
[71] THOMAS & BETTS INTERNATIONAL, INC., US  
[22] 2000-03-22  
[43] 2000-09-22  
[30] US (60/125,638) 1999-03-22  
[30] US (09/532,360) 2000-03-21

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**Demandes canadiennes mises à la disponibilité du public**  
**17 septembre 2000 - 23 septembre 2000**

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[21] **2,302,987**

[13]

[51] **Int.Cl. 7A61F 13/53**

[25] EN

[54] **A PROTECTIVE MULTI-LAYERED  
LIQUID RETAINING COMPOSITE**

[54] **UN COMPOSITE MULTI-COUCHE  
DE PROTECTION RETENANT LES  
LIQUIDES**

[72] BUMBARGER, SCOTT A., US

[72] BUMBARGER, THOMAS H., US

[72] BUMBARGER, BRIAN K., US

[71] AQUATEX INDUSTRIES, INC., US

[22] 2000-03-22

[43] 2000-09-23

[30] US (09/275,194) 1999-03-23

[30] US (09/408,861) 1999-09-30

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[21] **2,302,991**

[13]

[51] **Int.Cl. 7F16B 7/04 7F16B 9/02 7F16L  
3/10 7A47G 25/12**

[25] EN

[54] **HOLDING DEVICE FOR RODS  
AND THE LIKE**

[54] **DISPOSITIF DE FIXATION DE  
TIGES ET D'ELEMENTS SEMBLABLES**

[72] PAINCHAUD, MAURICE, CA

[71] PAINCHAUD, MAURICE, CA

[22] 2000-03-23

[43] 2000-09-23

[30] GB (9906538.5) 1999-03-23

**Canadian Laid-Open Applications  
September 17, 2000 - September 23, 2000**

# PCT Applications Entering the National Phase

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[21] **2,311,312**  
[13] A1  
[51] **Int.Cl. 7A23L 1/00**  
[25] EN  
[54] **REMOVABLE END COVER FOR CYLINDER SHAPED FOOD ROLLS**  
[54] **COUVERCLE D'EXTREMITE AMOVIBLE POUR ROULES ALIMENTAIRES CYLINDRIQUES**  
[72] MASON, MARVIN GENE, US  
[71] MASON, MARVIN GENE, US  
[85] 2000-05-23  
[86] 1999-12-16 (PCT/US99/30224)  
[87] 2000-06-22 (WO00/35301)  
[30] US (09/215,104) 1998-12-18

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[21] **2,311,320**  
[13] A1  
[51] **Int.Cl. 6H01M 2/02 6H01M 12/06 6H01M 2/08**  
[25] EN  
[54] **GASKET FOR MINIATURE GALVANIC CELLS**  
[54] **GARNITURES POUR CELLULES GALVANIQUES MINIATURES**  
[72] GETZ, ROSE A., US  
[71] EVEREADY BATTERY COMPANY, INC., US  
[85] 2000-05-23  
[86] 1998-11-24 (PCT/US98/25301)  
[87] 1999-06-10 (WO99/28980)  
[30] US (08/980,508) 1997-12-01

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[21] **2,313,806**  
[13] A1  
[51] **Int.Cl. 6C12N 15/34 6C07K 14/01 6C12P 21/02 6C07K 16/08 6C12N 5/10 6A61K 39/12 6G01N 33/569 6C12N 15/63 6C12Q 1/68**  
[25] EN  
[54] **POSTWEANING MULTISYSTEMIC WASTING SYNDROME VIRUS FROM PIGS**  
[54] **VIRUS PORCINS DU SYNDROME DE DEPERISSEMENT MULTISYSTEMIQUE APRES SEVRAGE**  
[72] WANG, LI, CA  
[72] WILLSON, PHILIP, CA  
[72] POTTER, ANDREW A., CA  
[72] BABIUK, LORNE A., CA  
[71] UNIVERSITY OF SASKATCHEWAN, CA  
[85] 2000-06-09  
[86] 1998-12-11 (PCT/CA98/01130)  
[87] 1999-06-17 (WO99/29717)  
[30] US (60/069,233) 1997-12-11  
[30] US (60/069,750) 1997-12-16

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[21] **2,314,004**  
[13] A1  
[51] **Int.Cl. 7C12N 9/00 7C07K 14/00**  
[25] EN  
[54] **MATRIX-REMODELING GENES**  
[54] **GENES DE REMODELAGE DE MATRICE**  
[72] KLINGLER, TOD M., US  
[72] VOLKMUTH, WAYNE, US  
[72] WALKER, MICHAEL G., US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2000-06-08  
[86] 1999-10-06 (PCT/US99/23315)  
[87] 2000-04-20 (WO00/21986)  
[30] US (09/169,289) 1998-10-09

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[21] **2,314,005**  
[13] A1  
[51] **Int.Cl. 6C12N 1/20 6A23J 1/00 6C07H 21/02 6C07H 21/04 6C12N 15/11 6C12N 15/63 6C12N 15/85 6C12N 15/86**  
[25] EN  
[54] **METHODS FOR PREPARATION OF VACCINES AGAINST CANCER**  
[54] **PROCEDES DE PREPARATION DE VACCINS CONTRE LE CANCER**  
[72] SRIVASTAVA, PRAMOD K., US  
[71] FORDHAM UNIVERSITY, US  
[85] 2000-06-08  
[86] 1998-12-11 (PCT/US98/26401)  
[87] 1999-06-17 (WO99/29834)  
[30] US (08/988,878) 1997-12-11

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[21] **2,314,006**  
[13] A1  
[51] **Int.Cl. 6C07K 14/47 6A61K 48/00 6C12N 15/12 6A61K 38/16 6A61K 38/19 6C12N 15/19 6C07K 14/52 6C12N 15/63**  
[25] EN  
[54] **METHOD AND COMPOSITION TO ENHANCE THE EFFICACY OF A VACCINE USING CHEMOKINES**  
[54] **PROCEDE ET COMPOSITION POUR AMELIORER L'EFFICACITE D'UN VACCIN**  
[72] GALLO, ROBERT C., US  
[72] GARZINO-DEMO, ALFREDO, US  
[72] DEVICO, ANTHONY L., US  
[71] UNIVERSITY OF MARYLAND BIOTECHNOLOGY INSTITUTE, US  
[85] 2000-06-09  
[86] 1998-12-11 (PCT/US98/26291)  
[87] 1999-06-17 (WO99/29728)  
[30] US (60/069,281) 1997-12-11

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## PCT Applications Entering the National Phase

[21] **2,314,222**  
[13] A1

[51] **Int.Cl. 6G07F 11/16**  
[25] EN  
[54] **VENDING MACHINE**  
[54] **DISTRIBUTEUR AUTOMATIQUE**  
[72] CLEEVE, KEITH FRANCIS, AU  
[71] AUSTRALIAN CENTRAL FINANCE  
PTY. LTD., AU  
[85] 2000-06-09  
[86] 1998-12-10 (PCT/AU98/01024)  
[87] 1999-06-17 (WO99/30296)  
[30] AU (PP 0818) 1997-12-10  
[30] AU (PP 2814) 1998-04-06

[21] **2,314,313**  
[13] A1

[51] **Int.Cl. 6A61K 38/29 6A61K 9/08**  
**6A61K 47/10 6A61K 47/26**  
[25] EN  
[54] **STABILIZED TERIPARATIDE**  
**SOLUTIONS**  
[54] **SOLUTIONS DE TERIPARATIDE**  
**STABILISEES**  
[72] CHANG, CHIN-MING, US  
[72] HAVEL, HENRY A., US  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-06-09  
[86] 1998-12-08 (PCT/US98/26043)  
[87] 1999-06-17 (WO99/29337)  
[30] US (60/069,075) 1997-12-09

[21] **2,314,319**  
[13] A1

[51] **Int.Cl. 6C12N 15/31 6C12Q 1/04**  
**6A61K 39/095 6C07K 16/12 6C07K 14/22**  
**6A61K 39/395 6C12Q 1/68**  
[25] EN  
[54] **NOVEL SURFACE PROTEIN OF**  
**NEISSERIA MENINGITIDIS**  
[54] **PROTEINE DE SURFACE DU**  
**MENINGOCOQUE**  
[72] PEAK, IAN RICHARD ANSELM, AU  
[72] JENNINGS, MICHAEL PAUL, AU  
[72] MOXON, E. RICHARD, GB  
[71] THE UNIVERSITY OF  
QUEENSLAND, AU  
[71] ISIS INNOVATION LIMITED, GB  
[85] 2000-06-09  
[86] 1998-12-14 (PCT/AU98/01031)  
[87] 1999-06-24 (WO99/31132)  
[30] GB (9726398.2) 1997-12-12

[21] **2,314,431**  
[13] A1

[51] **Int.Cl. 6C12Q 1/70 6G01N 33/53**  
[25] EN  
[54] **SCREENING ASSAYS FOR THE**  
**DETECTION AND DIAGNOSIS OF**  
**INFLUENZA VIRUS**  
[54] **DOSAGES DE DEPISTAGE**  
**UTILISES POUR DETECTER ET**  
**DIAGNOSTIQUER LE VIRUS DE LA**  
**GRIPPE**  
[72] RUBIN, PAUL D., US  
[72] HEEFNER, DONALD L., US  
[72] ZEPP, CHARLES M., US  
[71] SEPRACOR INC., US  
[85] 2000-06-14  
[86] 1998-12-18 (PCT/US98/26945)  
[87] 1999-06-24 (WO99/31280)  
[30] US (60/068,035) 1997-12-18

[21] **2,314,677**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **ASTHMA RELATED GENES**  
[54] **GENES ASSOCIES A L'ASTHME**  
[72] NORTH, MICHAEL, US  
[72] BROOKS-WILSON, ANGELA R., US  
[72] MILLER, ANDREW, US  
[72] GALVIN, MARGARET, US  
[72] CAREY, ALISOUN H., US  
[72] CARDON, LON, GB  
[72] BUCKLER, ALAN, US  
[71] AXYS PHARMACEUTICALS, INC.,  
US  
[85] 2000-06-02  
[86] 1998-01-21 (PCT/US98/01260)  
[87] 1999-07-29 (WO99/37809)

[21] **2,314,992**  
[13] A1

[51] **Int.Cl. 6A01H 1/04 6A01H 5/00**  
**6C12N 15/11**  
[25] EN  
[54] **NUCLEOTIDE POLYMORPHISMS**  
**IN SOYBEAN**  
[54] **POLYMORPHISMES**  
**NUCLEOTIDIQUES DANS LE SOJA**  
[72] CORYELL, VIRGINIA, US  
[72] WEBB, DAVID, US  
[72] KEIM, PAUL, US  
[72] JESSEN, HOLLY, US  
[72] SCHUPP, JIM, US  
[71] PIONEER HI-BRED  
INTERNATIONAL, INC., US  
[85] 2000-06-15  
[86] 1998-12-18 (PCT/US98/26935)  
[87] 1999-07-01 (WO99/31964)  
[30] US (60/068,185) 1997-12-19

[21] **2,314,996**  
[13] A1

[51] **Int.Cl. 6A21D 8/04 6C12N 9/04**  
[25] EN  
[54] **CARBOHYDRATE OXIDASE AND**  
**USE THEREOF IN BAKING**  
[54] **OXYDASE D'HYDRATE DE**  
**CARBONE ET UTILISATION DE**  
**CETTE DERNIERE DANS LA CUISSON**  
[72] XU, FENG, US  
[72] SCHNEIDER, PALLE, DK  
[72] DYBDAL, LONE, DK  
[72] FUGLSANG, CLAUD CRONE, DK  
[72] GOLIGHTLY, ELIZABETH, US  
[72] CHRISTENSEN, SOREN, DK  
[71] NOVO NORDISK A/S, DK  
[85] 2000-06-19  
[86] 1998-12-22 (PCT/DK98/00573)  
[87] 1999-07-01 (WO99/31990)  
[30] DK (9701505) 1997-12-22  
[30] DK (9800763) 1998-06-04

[21] **2,315,101**  
[13] A1

[51] **Int.Cl. 6C07C 5/22 6C07C 4/12**  
[25] EN  
[54] **META-XYLENE PRODUCTION**  
**PROCESS**  
[54] **PROCEDE DE PRODUCTION DE**  
**META-XYLENE**  
[72] HELLRING, STUART DAMON, US  
[72] STERN, DAVID LAWRENCE, US  
[71] MOBIL OIL CORPORATION, US  
[85] 2000-06-19  
[86] 1998-12-15 (PCT/US98/26587)  
[87] 1999-07-01 (WO99/32421)  
[30] US (08/995,270) 1997-12-19

[21] **2,315,103**  
[13] A1

[51] **Int.Cl. 6C07K 14/635**  
[25] EN  
[54] **CRYSTALLINE TERIPARATIDE**  
[54] **TERIPARATIDE CRISTALLINE**  
[72] ZHANG, FAMING, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-06-16  
[86] 1998-12-08 (PCT/US98/26044)  
[87] 1999-06-24 (WO99/31137)  
[30] US (60/069,875) 1997-12-18

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[21] **2,315,106**  
[13] A1  
[51] **Int.Cl. 6C12N 15/32 6A01N 63/00 6C07K 14/325 6C12Q 1/68**  
[25] EN  
[54] **TOXINS ACTIVE AGAINST OSTRINIA NUBILALIS**  
[54] **TOXINES ACTIVES CONTRE OSTRINIA NUBILALIS**  
[72] MULLER-COHN, JUDY, US  
[72] WICKER, CAROL, US  
[72] NARVA, KENNETH E., US  
[72] WALZ, MICHELE, US  
[72] SCHNEPF, H. ERNEST, US  
[72] STOCKHOFF, BRIAN A., US  
[71] MYCOGEN CORPORATION, US  
[85] 2000-06-15  
[86] 1998-12-15 (PCT/US98/26585)  
[87] 1999-07-08 (WO99/33991)  
[30] US (09/002,285) 1997-12-31

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[21] **2,315,109**  
[13] A1  
[51] **Int.Cl. 6C12P 19/04 6D06M 16/00 6C12S 13/00**  
[25] EN  
[54] **MODIFICATION OF POLYSACCHARIDES BY MEANS OF A PHENOL OXIDIZING ENZYME**  
[54] **MODIFICATION DE POLYSACCHARIDES A L'AIDE D'UNE ENZYME OXYDANT LE PHENOL**  
[72] KIERULFF, JESPER VALLENTIN, DK  
[71] NOVO NORDISK A/S, DK  
[85] 2000-06-15  
[86] 1998-12-18 (PCT/DK98/00563)  
[87] 1999-07-01 (WO99/32652)  
[30] DK (1491/97) 1997-12-19

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[21] **2,315,110**  
[13] A1  
[51] **Int.Cl. 7A61K 9/50**  
[25] EN  
[54] **PELLETS HAVING A CORE COATED WITH AN ANTIFUNGAL AND A POLYMER**  
[54] **GRANULES A NOYAU ENROBE D'UN ANTIFONGIQUE ET D'UN POLYMERE**  
[72] GILIS, PAUL MARIE VICTOR, BE  
[72] DE CONDE, VALENTIN FLORENT VICTOR, BE  
[72] VANDECRUYS, ROGER PETRUS GEREBERN, BE  
[71] JANSSEN PHARMACEUTICA N.V., BE  
[85] 2000-06-15  
[86] 1999-07-09 (PCT/EP99/04928)  
[87] 2000-01-27 (WO00/03697)  
[30] EP (98202408.5) 1998-07-17

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[21] **2,315,144**  
[13] A1  
[51] **Int.Cl. 6C07D 495/08 6C07D 209/00 6C07D 333/00 6C07D 403/04 6C07D 409/04 6C07D 471/08 6C07D 487/08 6C07D 491/08 6A61K 31/40**  
[25] FR  
[54] **NOUVEAUX INHIBITEURS DE FARNESYLE TRANSFERASE, LEUR PREPARATION, LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT ET LEUR UTILISATION POUR LA PREPARATION DE MEDICAMENTS**  
[54] **NOVEL FARNESYL TRANSFERASE INHIBITORS, PREPARATION, PHARMACEUTICAL COMPOSITIONS CONTAINING THEM AND USE FOR PREPARING MEDICINES**  
[72] SOUNIGO-THOMPSON, FABIENNE, FR  
[72] DEREU, NORBERT, FR  
[72] MAILLIET, PATRICK, FR  
[71] AVENTIS PHARMA S.A., FR  
[85] 2000-06-13  
[86] 1998-12-21 (PCT/FR98/02804)  
[87] 1999-07-08 (WO99/33834)  
[30] FR (97 16335) 1997-12-23  
[30] US (60/073,800) 1998-02-05

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[21] **2,315,145**  
[13] A1  
[51] **Int.Cl. 6H04N 3/15**  
[25] EN  
[54] **WIDE DYNAMIC RANGE OPTICAL SENSOR**  
[54] **CAPTEUR OPTIQUE A GRANDE PLAGES DYNAMIQUE**  
[72] STAM, JOSEPH S., US  
[72] BECHTEL, JON H., US  
[72] KEMENY, SABRINA E., US  
[72] FOSSUM, ERIC R., US  
[71] GENTEX CORPORATION, US  
[85] 2000-06-13  
[86] 1998-12-30 (PCT/US98/27821)  
[87] 1999-07-08 (WO99/34592)  
[30] US (09/002,400) 1997-12-31

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[21] **2,315,146**  
[13] A1  
[51] **Int.Cl. 6A61M 5/20 6A61M 5/24 6A61M 5/32**  
[25] EN  
[54] **AUTOMATIC INJECTOR FOR ADMINSTRATING A MEDICAMENT**  
[54] **INJECTEUR AUTOMATIQUE**  
[72] GOLDBERG, JEFFREY I., US  
[72] WILMOT, JOHN, US  
[72] KETCHAM, CLIFF, US  
[72] BOYD, ROBERT R., US  
[72] HILL, ROBERT L., US  
[72] EDSALL, DAVID R., US  
[72] MORTON, JASON C., US  
[72] CASTLEBERRY, JEFFREY P., US  
[72] PAGE, JON P., US  
[71] MERIDIAN MEDICAL TECHNOLOGIES, INC., US  
[85] 2000-06-13  
[86] 1998-12-16 (PCT/US98/26666)  
[87] 1999-06-24 (WO99/30759)  
[30] US (60/069,775) 1997-12-16

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[21] **2,315,147**  
[13] A1  
[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **METHODS AND APPARATUS FOR PERFORMING SEQUENCE HOMOLOGY DETECTION**  
[54] **PROCEDES ET APPAREIL POUR LA DETECTION D'HOMOLOGIES DE SEQUENCES**  
[72] FLORATOS, ARIS, US  
[72] RIGOUTSOS, ISIDORE, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2000-06-13  
[86] 1999-10-29 (PCT/US99/25366)  
[87] 2000-05-11 (WO00/26818)  
[30] US (60/106,295) 1998-10-30

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[21] **2,315,148**  
[13] A1

[51] **Int.Cl. 6H04Q 3/00 6H04M 3/42**  
[25] EN  
[54] **METHOD AND SYSTEM FOR THE TRANSMISSION AND MODIFICATION OF INTELLIGENT NETWORK PARAMETERS**  
[54] **PROCEDE ET SYSTEME POUR TRANSMETTRE ET MODIFIER DES PARAMETRES DE RESEAU INTELLIGENT**  
[72] HUOPANIEMI, JUHO, FI  
[72] ALA-LUUKKO, SAMI, FI  
[72] PERA, OLLI, FI  
[71] SONERA OYJ, FI  
[85] 2000-06-13  
[86] 1998-12-15 (PCT/FI98/00983)  
[87] 1999-07-08 (WO99/34617)  
[30] FI (974531) 1997-12-16  
[30] FI (974604) 1997-12-22

[21] **2,315,149**  
[13] A1

[51] **Int.Cl. 6B01F 5/04 6B01F 5/06**  
[25] EN  
[54] **ATOMIZER FOIL, ATOMIZER HAVING SUCH AN ATOMIZER FOIL AND USE OF SUCH ATOMIZER FOIL**  
[54] **PROFIL DE PULVERISATION, ATOMISEUR DOTE DUDIT PROFIL, ET UTILISATION DU MEME PROFIL**  
[72] NIELSEN, PREBEN BUUR, DK  
[71] CRIS-NI APS, DK  
[71] KALSTRUP, SOREN ANTON, DK  
[85] 2000-06-13  
[86] 1998-10-01 (PCT/DK98/00422)  
[87] 1999-06-24 (WO99/30814)  
[30] DK (1467/97) 1997-12-16

[21] **2,315,150**  
[13] A1

[51] **Int.Cl. 6C08F 8/32**  
[25] EN  
[54] **AMINE FUNCTIONAL SAN**  
[54] **TERPOLYMERE SAN A FONCTIONNALITE AMINE**  
[72] PADWA, ALLEN R., US  
[71] BAYER CORPORATION, US  
[85] 2000-06-13  
[86] 1998-12-04 (PCT/US98/25861)  
[87] 1999-06-24 (WO99/31150)  
[30] US (08/992,729) 1997-12-17

[21] **2,315,151**  
[13] A1

[51] **Int.Cl. 6C07C 51/265 6C07C 63/26**  
[25] EN  
[54] **METHOD TO PRODUCE AROMATIC CARBOXYLIC ACIDS**  
[54] **PROCEDE DE PRODUCTION D'ACIDES CARBOXYLIQUES AROMATIQUES**  
[72] SIMPSON, EDWARDS JAMES, US  
[72] JUNE, RAYMOND LAWRENCE, US  
[72] EDWARDS, CHARLES LEE, US  
[72] POTTER, MICHAEL WAYNE, US  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2000-06-13  
[86] 1998-12-14 (PCT/EP98/08134)  
[87] 1999-06-24 (WO99/31038)  
[30] US (60/069441) 1997-12-15

[21] **2,315,152**  
[13] A1

[51] **Int.Cl. 6G01N 24/00 6C07C 17/00 6C07C 19/08 6G01R 33/46 6G01N 33/543**  
[25] EN  
[54] **METHOD AND REAGENTS FOR THE QUANTIFICATION OF SOLID-PHASE REACTIONS USING FLUORINE NMR**  
[54] **PROCEDE ET REACTIFS POUR L'EVALUATION DE REACTIONS EN PHASE SOLIDE UTILISANT LA RNM AU FLUOR**  
[72] ORTON, EDWARD, US  
[72] KROLIKOWSKI, PAUL H., US  
[72] NAGULAPALLI, VASANT K., US  
[72] AIREY, JOHN E., US  
[71] AVENTIS PHARMACEUTICALS PRODUCTS INC., US  
[85] 2000-06-13  
[86] 1998-12-14 (PCT/US98/26512)  
[87] 1999-06-24 (WO99/31491)  
[30] US (PCT/US97/23290) 1997-12-17  
[30] US (60/090,563) 1998-06-24  
[30] US (60/090,558) 1998-06-24

[21] **2,315,245**  
[13] A1

[51] **Int.Cl. 6C12N 15/00 6C12N 15/12**  
[25] EN  
[54] **SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM**  
[54] **PROTEINES SECRETEES ET POLYNUCLEOTIDES LES CODANT**  
[72] MERBERG, DAVID, US  
[72] AGOSTINO, MICHAEL J., US  
[72] FECHTEL, KIM, US  
[72] JACOBS, KENNETH, US  
[72] TREACY, MAURICE, US  
[72] MCCOY, JOHN M., US  
[72] EVANS, CHERYL, US  
[72] STEININGER, ROBERT J., II, US  
[72] COLLINS-RACIE, LISA A., US  
[72] CLARK, HILARY F., US  
[72] LAVALLIE, EDWARD R., US  
[72] WONG, GORDON G., US  
[71] GENETICS INSTITUTE, INC., US  
[85] 2000-06-20  
[86] 1998-12-18 (PCT/US98/27140)  
[87] 1999-07-01 (WO99/32614)  
[30] US (60/068,379) 1997-12-20  
[30] US (09/212,843) 1998-12-16

[21] **2,315,247**  
[13] A1

[51] **Int.Cl. 6C12N 15/16 6C07K 16/26 6C07K 16/42 6C07K 14/585 6C12Q 1/68**  
[25] EN  
[54] **MAMMALIAN CALCITONIN-LIKE POLYPEPTIDE-1**  
[54] **POLYPEPTIDE 1 DE TYPE CALCITONINE DE MAMMIFERE**  
[72] RAYMOND, FENELLA C., US  
[72] MOORE, EMMA E., US  
[72] SHEPPARD, PAUL O., US  
[71] ZYMOGENETICS, INC., US  
[85] 2000-06-15  
[86] 1998-12-18 (PCT/US98/26940)  
[87] 1999-06-24 (WO99/31131)  
[30] US (08/993,935) 1997-12-18

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<p style="text-align: right;">[21] <b>2,315,250</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 7/00</b> [25] EN [54] <b>ANTIFUNGAL AND ANTIBACTERIAL PEPTIDES</b> [54] <b>PEPTIDES ANTIFONGIQUES ET ANTIBACTERIENS</b> [72] XU, TAO, US [72] OPPENHEIM, FRANK G., US [72] FRIDEN, PHILLIP M., US [72] ROBERTS, F. DONALD, US [72] SPACCIAPOLI, PETER, US [71] PERIODONTIX, INC., US [71] TRUSTEES OF BOSTON UNIVERSITY, US [85] 2000-06-16 [86] 1998-12-14 (PCT/US98/26513) [87] 1999-06-24 (WO99/31123) [30] US (08/993,235) 1997-12-18</p>	<p style="text-align: right;">[21] <b>2,315,252</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/31 6C12N 5/10 6C07K 16/12 6C12N 1/19 6C12N 1/21 6C07K 14/315 6C07K 14/32 6G01N 33/53 6C12N 15/62</b> [25] EN [54] <b>ESSENTIAL BACTERIAL GENES AND THEIR USE</b> [54] <b>GENES BACTERIENS ESSENTIELS ET LEUR UTILISATION</b> [72] MURPHY, CHRISTOPHER, US [72] FRITZ, CHRISTIAN, US [72] YOUNGMAN, PHILIP, US [72] GUZMAN, LUZ-MARIA, US [71] MILLENNIUM PHARMACEUTICALS, INC., US [85] 2000-06-14 [86] 1998-12-30 (PCT/US98/27918) [87] 1999-07-08 (WO99/33871) [30] US (60/070,116) 1997-12-31</p>	<p style="text-align: right;">[21] <b>2,315,265</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/17 6C12N 9/12 6A61K 7/48</b> [25] EN [54] <b>EXTENSION OF CELLULAR LIFESPAN, METHODS AND REAGENTS</b> [54] <b>ALLONGEMENT DE LA DUREE DE VIE D'UNE CELLULE, ET PROCEDES ET REACTIFS ASSOCIES</b> [72] WANG, JING, US [72] BEACH, DAVID H., US [72] HANNON, GREGORY J., US [71] COLD SPRING HARBOR LABORATORY, US [85] 2000-06-14 [86] 1999-01-12 (PCT/US99/00682) [87] 1999-07-15 (WO99/35243) [30] US (60/071,220) 1998-01-12 [30] US (60/071,455) 1998-01-13 [30] US (09/063,657) 1998-04-21</p>
<p style="text-align: right;">[21] <b>2,315,251</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6C12N 15/11 6A61K 38/17 6C07K 16/28 6C12N 15/62 6C12Q 1/68 6C07K 14/705</b> [25] EN [54] <b>CELL SURFACE GLYCOPROTEINS ASSOCIATED WITH HUMAN B CELL LYMPHOMAS - ULBP, DNA AND POLYPEPTIDES</b> [54] <b>GLYCOPROTEINES DE SURFACE CELLULAIRE ASSOCIEES AUX LYMPHOMES B HUMAINS-ULBP, ADN ET POLYPEPTIDES</b> [72] FANSLow, WILLIAM CRISTIAN, US [72] MULLBERG, JURGEN H., DE [72] COSMAN, DAVID JOHN, US [71] IMMUNEX CORPORATION, US [85] 2000-06-16 [86] 1998-12-17 (PCT/US98/27048) [87] 1999-06-24 (WO99/31241) [30] US (60/069,857) 1997-12-17 [30] US (60/092,946) 1998-07-15</p>	<p style="text-align: right;">[21] <b>2,315,263</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68 6C12N 5/10 6C07K 16/18 6C07K 14/47 6G01N 33/574</b> [25] EN [54] <b>REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE PANCREAS</b> [54] <b>REACTIFS ET METHODES S'UTILISANT POUR DETECTER DES AFFECTIONS DU PANCREAS</b> [72] GRANADOS, EDWARD N., US [72] HODGES, STEVEN C., US [72] KLASS, MICHAEL R., US [72] COLPITTS, TRACEY L., US [72] STROUPE, STEPHEN D., US [72] RUSSELL, JOHN C., US [72] COHEN, MAURICE, US [72] KRATOCHVIL, JON D., US [72] BILLING-MEDEL, PATRICIA A., US [72] ROBERTS-RAPP, LISA, US [72] FRIEDMAN, PAULA N., US [72] GORDON, JULIAN, US [71] ABBOTT LABORATORIES, US [85] 2000-06-13 [86] 1998-12-11 (PCT/US98/26441) [87] 1999-06-24 (WO99/31274) [30] US (08/990,568) 1997-12-15</p>	<p style="text-align: right;">[21] <b>2,315,266</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 7/14 6A61K 38/08</b> [25] EN [54] <b>WOUND HEALING COMPOSITIONS</b> [54] <b>COMPOSITIONS DE CICATRISATION</b> [72] DIZEREGA, GERE S., US [72] RODGERS, KATHLEEN, US [71] UNIVERSITY OF SOUTHERN CALIFORNIA, US [85] 2000-06-12 [86] 1998-12-11 (PCT/US98/26347) [87] 1999-06-24 (WO99/31125) [30] US (60/069,662) 1997-12-12</p>

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[13] A1  
[51] **Int.Cl. 6C12N 15/12 6A01K 67/027 6C12N 15/11 6A61K 38/17 6C07K 16/18 6C07K 14/47 6C12Q 1/68**  
[25] EN  
[54] **OLIGOPHRENIN-1, ITS EXPRESSION PRODUCT, AND THE DIAGNOSTIC AND THERAPEUTIC APPLICATIONS THEREOF**  
[54] **NOUVEAU GENE APPELE OLIGOPHRENINE 1, PRODUIT D'EXPRESSION, ET APPLICATIONS DIAGNOSTIQUES ET THERAPEUTIQUES**  
[72] KAHN, AXEL, FR  
[72] BELDJORD, CHERIF, FR  
[72] BILLUART, PIERRE, FR  
[72] CHELLY, JAMEL, FR  
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR  
[85] 2000-06-14  
[86] 1998-12-14 (PCT/EP98/08557)  
[87] 1999-06-24 (WO99/31230)  
[30] EP (97403050.4) 1997-12-15

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[21] **2,315,269**  
[13] A1  
[51] **Int.Cl. 6C12N 15/86 6A61K 48/00 6C12N 7/04 6C12N 5/10**  
[25] EN  
[54] **EQUINE INFECTIOUS ANAEMIA VIRUS (EIAV) BASED**  
[54] **VECTEURS RETROVIRAUX BASES SUR LE VIRUS D'ANEMIE INFECTIEUSE EQUINE**  
[72] MITROPHANOUS, KYRIACOS, GB  
[72] ROHLL, JONATHAN, GB  
[72] CARROLL, MILES WILLIAM, GB  
[72] KIM, NARRY, KR  
[72] KINGSMAN, ALAN JOHN, GB  
[71] OXFORD BIOMEDICA (UK) LIMITED, GB  
[85] 2000-06-16  
[86] 1998-12-22 (PCT/GB98/03876)  
[87] 1999-07-01 (WO99/32646)  
[30] GB (9727135.7) 1997-12-22  
[30] GB (9811037.2) 1998-05-22

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[13] A1  
[51] **Int.Cl. 6C07H 21/04 6C07H 21/02 6C12P 19/34 6C12Q 1/68**  
[25] EN  
[54] **PLATELET DERIVED GROWTH FACTOR (PDGF) NUCLEIC ACID LIGAND COMPLEXES**  
[54] **COMPLEXES LIGANDS D'ACIDES NUCLEIQUES DE FACTEUR DE CROISSANCE D'ORIGINE PLAQUETTAIRE (PDGF)**  
[72] GOLD, LARRY, US  
[72] JANJIC, NEBOJSA, US  
[71] NEXSTAR PHARMACEUTICALS, INC., US  
[85] 2000-06-13  
[86] 1998-04-29 (PCT/US98/09050)  
[87] 1999-06-24 (WO99/31119)  
[30] US (08/991,743) 1997-12-16

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[13] A1  
[51] **Int.Cl. 6C07K 14/00 6C12N 15/09 6C12N 5/10 6C12N 15/12 6C12N 5/16 6C12N 15/63 6C07K 14/705**  
[25] EN  
[54] **DNA MOLECULES ENCODING VERTEBRATE NUCLEAR RECEPTOR PROTEIN, NNR4**  
[54] **MOLECULES D'ADN CODANT LE RECEPTEUR PROTEIQUE NUCLEAIRE NNR4 DE VERTEBRES**  
[72] CHEN, FANG, US  
[71] MERCK & CO., INC., US  
[85] 2000-06-12  
[86] 1998-12-11 (PCT/US98/26446)  
[87] 1999-06-17 (WO99/29722)  
[30] US (60/068,144) 1997-12-12

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[21] **2,315,274**  
[13] A1  
[51] **Int.Cl. 6C12N 9/48**  
[25] EN  
[54] **POLYPEPTIDES HAVING AMINOPEPTIDASE ACTIVITY AND NUCLEIC ACIDS ENCODING SAME**  
[54] **POLYPEPTIDES A ACTIVITE AMINOPEPTIDASE, ET ACIDES NUCLEIQUES CODANT CES POLYPEPTIDES**  
[72] KOFOD, LENE VENKE, DK  
[72] BYUN, TONY S., US  
[72] KLOTZ, ALAN V., US  
[72] MARUMOTO, CHIGUSA, JP  
[72] BLINKOVSKY, ALEXANDER, US  
[72] SLOMA, ALAN, US  
[72] FUJII, MIKO, JP  
[72] TANG, MARIA, US  
[72] BROWN, KIMBERLY, US  
[71] NOVO NORDISK A/S, DK  
[71] NOVO NORDISK BIOTECH, INC., US  
[71] JAPAN TOBACCO, INC., JP  
[85] 2000-06-14  
[86] 1998-11-13 (PCT/DK98/00495)  
[87] 1999-06-24 (WO99/31226)  
[30] DK (1465/97) 1997-12-16  
[30] US (60/069,719) 1997-12-16  
[30] DK (PA 1998 00670) 1998-05-15

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[13] A1  
[51] **Int.Cl. 6A61K 39/12 6C07K 19/00 6A61K 39/39 6C12N 15/62**  
[25] EN  
[54] **HUMAN PAPILLOMAVIRUS VACCINE**  
[54] **VACCIN**  
[72] DALEMANS, WILFRIED L. J., BE  
[72] GERARD, CATHERINE MARIE GHISLAINE, BE  
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE  
[85] 2000-06-15  
[86] 1998-12-18 (PCT/EP98/08563)  
[87] 1999-07-08 (WO99/33868)  
[30] GB (9727262.9) 1997-12-24

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[13] A1  
[51] **Int.Cl. 6C12N 15/12 6A61K 48/00**  
**6C12N 5/08 6C12N 5/10 6C12N 15/11**  
**6A61K 38/17 6G01N 33/50 6C12N 15/85**  
[25] EN  
[54] **14-3-3.SIGMA. ARRESTS THE**  
**CELL CYCLE**  
[54] **14-3-3.SIGMA. BLOQUE LE CYCLE**  
**CELLULAIRE**  
[72] KINZLER, KENNETH W., US  
[72] VOGELSTEIN, BERT, US  
[72] HERMEKING, HEIKO, US  
[71] THE JOHNS HOPKINS UNIVERSITY,  
US  
[85] 2000-06-16  
[86] 1998-12-18 (PCT/US98/26924)  
[87] 1999-06-24 (WO99/31240)  
[30] US (60/069,416) 1997-12-18  
[30] US (09/210,748) 1998-12-15

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[13] A1  
[51] **Int.Cl. 6C12N 15/12 6C07H 21/00**  
**6C12N 5/10 6C12N 15/11 6C12N 1/15**  
**6C12N 1/21 6C12N 15/63 6C12Q 1/68**  
[25] EN  
[54] **110 HUMAN SECRETED**  
**PROTEINS**  
[54] **110 PROTEINES SECRETEES**  
**HUMAINES**  
[72] FLORENCE, CHARLES, US  
[72] MOORE, PAUL A., US  
[72] GREENE, JOHN M., US  
[72] FERRIE, ANN M., US  
[72] YU, GUO-LIANG, US  
[72] JANAT, FOUAD, US  
[72] CARTER, KENNETH C., US  
[72] RUBEN, STEVEN M., US  
[72] FENG, PING, US  
[72] ROSEN, CRAIG A., US  
[72] SHI, YANG-GU, US  
[72] KYAW, HLA, US  
[72] FLORENCE, KIMBERLY, US  
[72] WEI, YING-FEI, US  
[72] DUAN, ROXANNE D., US  
[72] SOPPET, DANIEL R., US  
[72] NI, JIAN, US  
[71] HUMAN GENOME SCIENCES, INC.,  
US  
[85] 2000-06-15  
[86] 1998-12-17 (PCT/US98/27059)  
[87] 1999-06-24 (WO99/31117)  
[30] US (60/070,923) 1997-12-18  
[30] US (60/068,007) 1997-12-18  
[30] US (60/068,057) 1997-12-18  
[30] US (60/068,006) 1997-12-18  
[30] US (60/068,008) 1997-12-18  
[30] US (60/068,054) 1997-12-18  
[30] US (60/068,064) 1997-12-18  
[30] US (60/068,053) 1997-12-18  
[30] US (60/068,169) 1997-12-19  
[30] US (60/068,368) 1999-12-19  
[30] US (60/068,367) 1997-12-19  
[30] US (60/068,369) 1997-12-19  
[30] US (60/068,365) 1997-12-19

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[21] **2,315,296**  
[13] A1  
[51] **Int.Cl. 6G01N 33/543 6B01J 19/00**  
**6G01N 33/53 6C12Q 1/68**  
[25] EN  
[54] **SOLID-PHASE TIPS AND USES**  
**RELATING THERETO**  
[54] **EMBOUTS EN PHASE SOLIDE ET**  
**UTILISATIONS CORRESPONDANTES**  
[72] GARRISON, LORI K., US  
[72] TABONE, JOHN C., US  
[72] VAN NESS, JEFFREY, US  
[71] QIAGEN GENOMICS, INC., US  
[85] 2000-06-15  
[86] 1998-12-30 (PCT/US98/27850)  
[87] 1999-07-08 (WO99/34214)  
[30] US (60/070,290) 1997-12-31

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[21] **2,315,297**  
[13] A1  
[51] **Int.Cl. 6C12N 15/53 6C12N 9/02**  
**6C12N 5/10 6C12N 15/11 6C12N 1/19**  
**6A61K 31/20 6C12Q 1/68 6C12N 15/81**  
[25] EN  
[54] **DESATURASE**  
[54] **DESATURASE**  
[72] NAPIER, JONATHAN A., GB  
[72] MICHAELSON, LOUISE, GB  
[72] STOBART, KEITH, GB  
[71] UNIVERSITY OF BRISTOL, GB  
[85] 2000-06-16  
[86] 1998-12-23 (PCT/GB98/03895)  
[87] 1999-07-08 (WO99/33958)  
[30] GB (9727256.1) 1997-12-23  
[30] GB (9814034.6) 1998-06-29

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[13] A1  
[51] **Int.Cl. 6C07K 14/47 6C12N 15/12**  
**6A61K 31/70**  
[25] EN  
[54] **FATTY ACID SYNTHASE MRNA**  
**BINDING PROTEIN**  
[54] **PROTEINE DE FIXATION D'ARNM**  
**DE SYNTHASE D'ACIDES GRAS**  
[72] SEMENKOVICH, CLAY, US  
[71] WASHINGTON UNIVERSITY, US  
[85] 2000-06-16  
[86] 1998-12-21 (PCT/US98/26225)  
[87] 1999-07-22 (WO99/36436)  
[30] US (60/071,043) 1998-01-13

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[21] **2,315,527**  
[13] A1  
[51] **Int.Cl. 6C12N 9/16 6C07K 16/40 6A61K 38/46 6C12N 15/55**  
[25] EN  
[54] **HUMAN PHOSPHATASES**  
[54] **PHOSPHATASES HUMAINES**  
[72] LAL, PREETI, US  
[72] CORLEY, NEIL C., US  
[72] HILLMAN, JENNIFER L., US  
[72] SHAH, PURVI, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2000-06-14  
[86] 1998-12-02 (PCT/US98/25559)  
[87] 1999-06-24 (WO99/31225)  
[30] US (08/992,035) 1997-12-17

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[21] **2,315,528**  
[13] A1  
[51] **Int.Cl. 6D06M 16/00 6C12N 9/42**  
[25] EN  
[54] **CONTINUOUS BIOPOLISHING OF CELLULOSE-CONTAINING FABRICS**  
[54] **BIOPOLISSAGE EN CONTINU DE TEXTILES CONTENANT DE LA CELLULOSE**  
[72] LIU, JIYIN, US  
[72] CONDON, BRIAN, US  
[71] NOVO NORDISK BIOCHEM NORTH AMERICA, INC., US  
[85] 2000-06-14  
[86] 1998-12-17 (PCT/US98/26798)  
[87] 1999-07-01 (WO99/32708)  
[30] US (60/068,274) 1997-12-19

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[21] **2,315,529**  
[13] A1  
[51] **Int.Cl. 6C07K 14/00 6C12N 15/12 6C12N 5/16 6G01N 33/53 6G01N 33/566 6C12N 15/63 6C07K 14/705**  
[25] EN  
[54] **DNA MOLECULES ENCODING HUMAN NUCLEAR RECEPTOR PROTEINS, NNR7 AND NNR7-1**  
[54] **MOLECULES D'ADN CODANT DES PROTEINES RECEPTRICES NUCLEAIRES HUMAINES, NNR7 ET NNR7-1**  
[72] CHEN, FANG, US  
[71] MERCK & CO., INC., US  
[85] 2000-06-12  
[86] 1998-12-11 (PCT/US98/26364)  
[87] 1999-06-24 (WO99/31129)  
[30] US (60/069,401) 1997-12-12  
[30] US (60/104,251) 1998-10-14

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[21] **2,315,531**  
[13] A1  
[51] **Int.Cl. 6C12N 5/00 6C12N 5/06 6C12N 5/08**  
[25] EN  
[54] **MULTIPLE DRUG RESISTANCE GENE ATRD OF ASPERGILLUS NIDULANS**  
[54] **GENE ATRD DE MULTIRESISTANCE MEDICAMENTEUSE D'ASPERGILLUS NIDULANS**  
[72] ANDRADE, ALAN C., NL  
[72] DE WAARD, MAARTEN A., NL  
[72] SKATRUD, PAUL LUTHER, US  
[72] PEERY, ROBERT BROWN, US  
[71] ELI LILLY AND COMPANY, US  
[71] WAGENINGEN AGRICULTURAL UNIVERSITY, NL  
[85] 2000-06-16  
[86] 1998-12-22 (PCT/US98/27300)  
[87] 1999-07-01 (WO99/32608)  
[30] US (08/996,545) 1997-12-23

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[21] **2,315,538**  
[13] A1  
[51] **Int.Cl. 6C12N 5/08 6A61K 48/00 6C12N 5/10 6A61K 35/30**  
[25] EN  
[54] **NEURAL PRECURSOR CELLS, METHOD FOR THE PRODUCTION AND USE THEREOF IN NEURAL DEFECT THERAPY**  
[54] **CELLULES PRECURSEURS NEURALES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION POUR LA THERAPIE D'ANOMALIES NEURALES**  
[72] BRUSTLE, OLIVER, DE  
[71] BRUSTLE, OLIVER, DE  
[85] 2000-06-16  
[86] 1998-12-18 (PCT/DE98/03817)  
[87] 1999-07-01 (WO99/32606)  
[30] DE (197 56 864.5) 1997-12-19

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[21] **2,315,540**  
[13] A1  
[51] **Int.Cl. 6C12Q 1/02 6G01N 33/53**  
[25] EN  
[54] **AGONISTS OF METABOTROPIC GLUTAMATE RECEPTORS AND USES THEREOF**  
[54] **AGONISTES DES RECEPTEURS DE GLUTAMATE METABOTROPES ET LEURS UTILISATIONS**  
[72] YE, ZU-CHENG, US  
[72] SONTHEIMER, HARALD J., US  
[71] UAB RESEARCH FOUNDATION, US  
[85] 2000-06-16  
[86] 1998-12-18 (PCT/US98/27077)  
[87] 1999-06-24 (WO99/31268)  
[30] US (08/993,760) 1997-12-18

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[21] **2,315,617**  
[13] A1  
[51] **Int.Cl. 6C12N 15/12 6A61K 38/17 6C07K 16/18 6C07K 16/28 6C07K 14/47 6G01N 33/68 6C12Q 1/68 6C07K 14/705**  
[25] EN  
[54] **HUMAN SIGNAL PEPTIDE-CONTAINING PROTEINS**  
[54] **PROTEINES CONTENANT DES SEQUENCES-SIGNAUX HUMAINES**  
[72] SATHER, SUSAN K., US  
[72] SHAH, PURVI, US  
[72] LAL, PREETI, US  
[72] BAUGHN, MARIAH R., US  
[72] GUEGLER, KARL J., US  
[72] CORLEY, NEIL C., US  
[72] HILLMAN, JENNIFER L., US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2000-06-19  
[86] 1998-12-22 (PCT/US98/27598)  
[87] 1999-07-08 (WO99/33981)  
[30] US (09/002,485) 1997-12-31

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[21] **2,315,626**  
[13] A1  
[51] **Int.Cl. 6F16F 9/348 6F16F 9/44**  
[25] EN  
[54] **DAMPER ADJUSTMENT MECHANISM**  
[54] **MECANISME DE REGLAGE D'AMORTISSEUR**  
[72] ANDERSON, RICHARD FRANKLIN, GB  
[72] FRASER, DUNCAN RICHARD, GB  
[72] NEWBOULD, ANDREW PAUL, GB  
[71] PILOT PRECISION DAMPERS LIMITED, GB  
[85] 2000-06-22  
[86] 1998-12-23 (PCT/GB98/03886)  
[87] 1999-07-08 (WO99/34128)  
[30] GB (9727182.9) 1997-12-24

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<p style="text-align: right;">[21] <b>2,315,627</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C10G 25/00 6C10G 67/06 6C10G 53/08</b> [25] EN [54] <b>CLAY TREATMENT PROCESS FOR WHITE MINERAL OIL</b> [54] <b>PROCEDE DE TRAITEMENT A L'ARGILE POUR VASELINE LIQUIDE</b> [72] VU, CHAN, US [72] YENNI, NADINE, US [71] CHEVRON U.S.A. INC., US [85] 2000-06-22 [86] 1998-12-03 (PCT/US98/25621) [87] 1999-07-01 (WO99/32577) [30] US (60/068412) 1997-12-22 [30] US (09/172744) 1998-10-14</p>	<p style="text-align: right;">[21] <b>2,315,629</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07F 5/02</b> [25] EN [54] <b>BORONIC COMPOUNDS</b> [54] <b>COMPOSES BORIQUES</b> [72] RODOPOULOS, MARY, AU [72] WEIGOLD, HELMUT, AU [72] MARCUCCIO, SEBASTIAN MARIO, AU [71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU [85] 2000-06-22 [86] 1998-12-23 (PCT/AU98/01072) [87] 1999-07-08 (WO99/33845) [30] AU (PP 1100) 1997-12-23 [30] AU (PP 2026) 1998-02-26</p>	<p style="text-align: right;">[21] <b>2,315,632</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B66B 1/20</b> [25] EN [54] <b>GENETIC PROCEDURE FOR THE ALLOCATION OF ELEVATOR CALLS</b> [54] <b>PROCEDURE GENETIQUE POUR L'AFFECTATION D'APPELS D'ASCENSEURS</b> [72] YLINEN, JARI, FI [72] TYNI, TAPIO, FI [71] KONE CORPORATION, FI [85] 2000-06-22 [86] 1998-12-23 (PCT/FI98/01015) [87] 1999-07-08 (WO99/33741) [30] FI (974613) 1997-12-23</p>
<p style="text-align: right;">[21] <b>2,315,628</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 7/14 6C07C 7/12 6C07C 15/24 6C07C 5/27</b> [25] EN [54] <b>METHOD FOR PRODUCING 2,6-DMN FROM MIXED DIMETHYLNAPHTHALENES BY CRYSTALLIZATION, ADSORPTION AND ISOMERIZATION</b> [54] <b>PROCEDE DE PRODUCTION DE 2,6-DIMETHYLNAPHTALENE (2,6-DMN) A PARTIR DE DIMETHYLNAPHTALENES MELANGES PAR CRISTALLISATION, ADSORPTION ET ISOMERISATION</b> [72] BIGOT, PATRICK C., US [72] MUNSON, CURTIS L., US [72] HE, ZUNQING ALICE, US [71] CHEVRON CHEMICAL COMPANY LLC, US [85] 2000-06-22 [86] 1998-11-18 (PCT/US98/24643) [87] 1999-07-08 (WO99/33770) [30] US (09/000858) 1997-12-30</p>	<p style="text-align: right;">[21] <b>2,315,630</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01G 9/02 6A01G 9/10</b> [25] EN [54] <b>DEVICE, ESPECIALLY FOR GROWING PLANTS</b> [54] <b>DISPOSITIF SERVANT NOTAMMENT A CULTIVER DES PLANTES</b> [72] LEHMANN, ERICH, DE [71] LEHMANN, ERICH, DE [85] 2000-06-22 [86] 1998-11-24 (PCT/EP98/07578) [87] 1999-07-22 (WO99/35898) [30] DE (198 01 141.5) 1998-01-14</p>	<p style="text-align: right;">[21] <b>2,315,633</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08G 73/02 6D21H 21/20 6D21H 17/55</b> [25] EN [54] <b>PROCESS TO REDUCE THE AOX LEVEL OF WET-STRENGTH RESINS BY TREATMENT WITH BASE</b> [54] <b>PROCEDE DE REDUCTION DU TAUX D'HALOGENES ORGANIQUES ADSORBABLES DE RESINES CONFERANT UNE RESISTANCE A L'ETAT HUMIDE PAR TRAITEMENT AVEC UNE BASE</b> [72] RIEHLE, RICHARD JAMES, US [71] HERCULES INCORPORATED, US [85] 2000-06-22 [86] 1998-12-30 (PCT/US98/27538) [87] 1999-07-08 (WO99/33901) [30] US (09/001,787) 1997-12-31 [30] US (09/224,107) 1998-12-22</p>
	<p style="text-align: right;">[21] <b>2,315,631</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/06</b> [25] EN [54] <b>HAIR TREATMENT AGENT CONTAINING BIOPOLYMERS AND MONOSACCHARIDES AND/OR DISACCHARIDES AND/OR PANTHENOL</b> [54] <b>AGENT DE TRAITEMENT CAPILLAIRE CONTENANT DES BIOPOLYMERES ET DES MONOSACCHARIDES ET/OU DISACCHARIDES ET/OU PANTHENOL</b> [72] HOLLENBERG, DETLEF, DE [72] PRIEBE, CHRISTIAN, DE [72] GODDINGER, DIETER, DE [71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE [85] 2000-06-22 [86] 1998-12-17 (PCT/EP98/08313) [87] 1999-07-01 (WO99/32071) [30] DE (197 57 214.6) 1997-12-22</p>	



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[21] **2,315,635**  
[13] A1

[51] **Int.Cl. 6H01M 10/40 6H01M 6/16 6C07D 317/34**  
[25] EN  
[54] **NON-AQUEOUS ELECTROLYTE FOR ELECTROCHEMICAL SYSTEMS AND LITHIUM SECONDARY BATTERY COMPRISING THE SAME**  
[54] **ELECTROLYTE NON AQUEUX POUR SYSTEMES ELECTROCHIMIQUES ET BATTERIE SECONDAIRE AU LITHIUM COMPRENANT CET ELECTROLYTE**  
[72] KIM, HYEONG-JIN, KR  
[72] CHUNG, GEUN-CHANG, KR  
[72] JUN, SONG-HUI, KR  
[71] LG CHEMICAL, LTD., KR  
[85] 2000-06-22  
[86] 1999-01-29 (PCT/KR99/00043)  
[87] 2000-05-04 (WO00/25381)  
[30] KR (1998/44507) 1998-10-23

[21] **2,315,636**  
[13] A1

[51] **Int.Cl. 6H01H 1/30**  
[25] EN  
[54] **ELECTRIC SWITCH**  
[54] **COMMUTATEUR ELECTRIQUE**  
[72] BRISKI, TONY M., US  
[71] BRISKI, TONY M., US  
[71] LANG-MEKRA NORTH AMERICA, LLC, US  
[85] 2000-06-22  
[86] 1999-09-21 (PCT/US99/21904)  
[87] 2000-05-25 (WO00/30135)  
[30] US (09/191,473) 1998-11-12

[21] **2,315,637**  
[13] A1

[51] **Int.Cl. 6G05B 13/02 6G05B 5/01**  
[25] EN  
[54] **METHOD OF PREDICTING OVERSHOOT IN A CONTROL SYSTEM RESPONSE**  
[54] **PROCEDE DE PREDICTION DE DEPASSEMENT DE LIMITE REGLEMENTAIRE DANS UNE REPONSE DE SYSTEME DE COMMANDE**  
[72] LYNCH, FRANK, US  
[71] HONEYWELL INC., US  
[85] 2000-06-22  
[86] 1998-11-13 (PCT/US98/24380)  
[87] 1999-07-01 (WO99/32946)  
[30] US (08/996,080) 1997-12-22

[21] **2,315,638**  
[13] A1

[51] **Int.Cl. 6E04C 1/00 6E04B 1/02**  
[25] EN  
[54] **INSULATED CONCRETE FORM**  
[54] **COFFRAGE DE BETON ISOLE**  
[72] MOORE, JAMES D., JR., US  
[71] ECO-BLOCK, LLC, US  
[85] 2000-06-22  
[86] 1999-01-15 (PCT/US99/00871)  
[87] 1999-07-22 (WO99/36639)  
[30] US (09/008,437) 1998-01-16

[21] **2,315,639**  
[13] A1

[51] **Int.Cl. 6F02B 53/00**  
[25] EN  
[54] **ROTARY ENGINE HAVING ENHANCED CHARGED COOLING AND LUBRICATION**  
[54] **MOTEUR ROTATIF DONT LE REFROIDISSEMENT ET LA LUBRIFICATION PAR UNE CHARGE ONT ETE AMELIORES**  
[72] MOLLER, PAUL S., US  
[71] MOLLER INTERNATIONAL, US  
[85] 2000-06-22  
[86] 1998-12-17 (PCT/US98/27045)  
[87] 2000-06-29 (WO00/37784)  
[30] US (08/998,398) 1997-12-24

[21] **2,315,640**  
[13] A1

[51] **Int.Cl. 6G06F 9/46 6H04L 29/06**  
[25] EN  
[54] **METHOD AND APPARATUS CAPABLE OF EMBEDDING, EXTRACTING AND PROCESSING DATA WITHIN A FILE HAVING AN HTML FORMAT**  
[54] **PROCEDE ET APPAREIL CAPABLES D'INTRODUIRE, D'EXTRAIRE ET DE TRAITER DES DONNEES DANS UN FICHER AYANT UN FORMAT HTML**  
[72] VENKATRAMAN, R. C., US  
[72] CHERN, VINCENT MIN-HAO, US  
[72] NANJA, SEKARAN, US  
[71] POSTX CORPORATION, US  
[85] 2000-06-22  
[86] 1998-12-23 (PCT/US98/27420)  
[87] 1999-07-08 (WO99/34286)  
[30] US (60/068,893) 1997-12-29

[21] **2,315,642**  
[13] A1

[51] **Int.Cl. 6G01L 9/00 6G01L 13/02 6G01L 19/14**  
[25] EN  
[54] **MEDIA COMPATIBLE PACKAGES FOR PRESSURE SENSING DEVICES**  
[54] **BOITIER COMPATIBLE AVEC DIVERS MILIEUX POUR DISPOSITIFS MANOMETRIQUES**  
[72] BANG, CHRISTOPHER, US  
[72] NAGY, MICHAEL L., US  
[72] YANG, XIAOFENG, US  
[72] JUST, MARCUS S., US  
[71] ROSEMOUNT AEROSPACE INC., US  
[85] 2000-06-22  
[86] 1998-12-22 (PCT/US98/27388)  
[87] 1999-07-01 (WO99/32865)  
[30] US (08/995,829) 1997-12-22

[21] **2,315,643**  
[13] A1

[51] **Int.Cl. 6H04N 9/44**  
[25] EN  
[54] **DUAL-LOOP PLL CIRCUIT AND CHROMINANCE DEMODULATION CIRCUIT USING THE SAME**  
[54] **CIRCUIT PLL A DEUX BOUCLES ET CIRCUIT DE DEMODULATION DE LA CHROMINANCE UTILISANT CE DERNIER**  
[72] NAKAJIMA, MASAMICHI, JP  
[72] TAKAGI, NOBUYUKI, JP  
[72] ONODERA, JUNICHI, JP  
[71] FUJITSU GENERAL LIMITED, JP  
[85] 2000-06-22  
[86] 1998-10-30 (PCT/JP98/04915)  
[87] 1999-07-08 (WO99/34609)  
[30] JP (9/369511) 1997-12-26

[21] **2,315,666**  
[13] A1

[51] **Int.Cl. 6B01F 13/10 6B01F 15/00**  
[25] EN  
[54] **DISPENSING MACHINE FOR THE METERED DELIVERY AND CONTINUOUS HOMOGENIZATION OF FINISHED PAINT PRODUCTS**  
[54] **DISTRIBUTEUR POUR DOSER ET HOMOGENEISER EN CONTINU DES PRODUITS FINIS DE PEINTURE**  
[72] MARAZZI, UMBERTO, IT  
[71] COROB S.P.A., IT  
[85] 2000-06-21  
[86] 1998-11-06 (PCT/EP98/07091)  
[87] 1999-07-15 (WO99/34905)  
[30] IT (BO97A000742) 1997-12-30

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[21] **2,315,667**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7H04Q 7/22 7H04M 3/42**  
[25] EN  
[54] **METHOD OF AUTOMATICALLY RECONNECTING A DROPPED CALL IN A MOBILE COMMUNICATION SYSTEM**  
[54] **PROCEDE DE RECONNEXION AUTOMATIQUE D'UN APPEL INTERROMPU DANS UN SYSTEME DE COMMUNICATIONS MOBILE**  
[72] OH, JUN-HWAN, KR  
[72] KIM, NAK-KOO, KR  
[72] LEE, SU-JEONG, KR  
[72] HAM, SEOK-JIN, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2000-06-21  
[86] 1999-12-03 (PCT/KR99/00734)  
[87] 2000-06-08 (WO00/33596)  
[30] KR (52759/1998) 1998-12-03

[21] **2,315,668**  
[13] A1

[51] **Int.Cl. 6A01N 55/02 6C07F 15/00 6A01N 59/16 6A01N 59/20**  
[25] EN  
[54] **METHOD FOR LIMITING THE GROWTH OF MICROORGANISMS USING METAL-CONTAINING COMPOUNDS**  
[54] **PROCEDES PERMETTANT DE LIMITER LA CROISSANCE DES MICRO-ORGANISMES PAR DES COMPOSES CONTENANT UN METAL**  
[72] CUNY, GREGORY D., US  
[72] SHELBURNE, CHARLES E., US  
[72] LANDGREBE, KEVIN D., US  
[72] SMITH, TERRANCE P., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-06-21  
[86] 1998-05-08 (PCT/US98/09153)  
[87] 1999-07-29 (WO99/37154)  
[30] US (09/004,892) 1998-01-09

[21] **2,315,679**  
[13] A1

[51] **Int.Cl. 6C07D 311/72 6A61K 7/00 6C07K 5/02 6A61K 38/05 6A61K 38/06 6C07D 405/12 6A61K 31/355 6A61K 31/40**  
[25] EN  
[54] **VITAMIN E DERIVATIVES**  
[54] **DERIVES DE VITAMINE E**  
[72] ITO, KAZUHIKO, JP  
[72] NAKAO, HIDETOSHI, JP  
[72] IEMURA, MASAHITO, JP  
[72] OGATA, KAZUMI, JP  
[72] SAKAUE, TAKAHIRO, JP  
[72] INOUE, YUTAKA, JP  
[71] SENJU PHARMACEUTICAL CO., LTD., JP  
[85] 2000-06-20  
[86] 1998-12-18 (PCT/JP98/05765)  
[87] 1999-07-08 (WO99/33818)  
[30] JP (354979/97) 1997-12-24  
[30] JP (180831/98) 1998-06-26

[21] **2,315,680**  
[13] A1

[51] **Int.Cl. 6A23G 9/02 6A23G 9/20**  
[25] EN  
[54] **MOLDED FROZEN BAR**  
[54] **BARRE GLACEE MOULEE**  
[72] SHARKASI, TAWFIK YOUSEF, EG  
[72] VAGHELA, MADANSINH, US  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2000-06-20  
[86] 1999-02-18 (PCT/EP99/00800)  
[87] 1999-08-26 (WO99/41994)  
[30] US (09/027,825) 1998-02-20

[21] **2,315,681**  
[13] A1

[51] **Int.Cl. 6H04L 29/06**  
[25] FR  
[54] **PROCEDES ET DISPOSITIFS DE TRANSMISSION DE DONNEES ET D'AFFICHAGE DES DONNEES SIMULTANEMENT AVEC DES INFORMATIONS PORTEES PAR UN DISQUE COMPACT**  
[54] **METHODS AND DEVICES FOR TRANSMITTING AND DISPLAYING DATA**  
[72] LEBRUN, PAUL, FR  
[71] IDEOGRAM DESIGN S.A.R.L., FR  
[85] 2000-06-20  
[86] 1997-12-22 (PCT/FR97/02372)  
[87] 1999-07-01 (WO99/33241)

[21] **2,315,682**  
[13] A1

[51] **Int.Cl. 6H01B 1/12 6H05B 33/28**  
[25] EN  
[54] **SCREEN PRINTING PASTE FOR PRODUCING ELECTRICALLY CONDUCTIVE COATINGS**  
[54] **PATE DE SERIGRAPHIE POUR PRODUIRE DES REVETEMENTS ELECTROCONDUCTEURS**  
[72] GUNTERMANN, UDO, DE  
[72] JONAS, FRIEDRICH, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-06-20  
[86] 1998-12-10 (PCT/EP98/08075)  
[87] 1999-07-08 (WO99/34371)  
[30] DE (197 57 542.0) 1997-12-23

[21] **2,315,684**  
[13] A1

[51] **Int.Cl. 6B01F 5/04 6B05B 1/14 6C01B 33/154**  
[25] EN  
[54] **DEVICE FOR THE MIXING AND SUBSEQUENT ATOMIZING OF LIQUIDS**  
[54] **DISPOSITIF PERMETTANT DE MELANGER PUIS DE PULVERISER DES LIQUIDES**  
[72] FORBERT, RAINALD, DE  
[72] HARTEL, JOHANNES, DE  
[72] SCHIERHOLZ, WILFRIED, DE  
[71] AXIVA GMBH, DE  
[85] 2000-06-20  
[86] 1998-11-19 (PCT/EP98/07438)  
[87] 1999-07-08 (WO99/33554)  
[30] DE (197 57 795.4) 1997-12-29  
[30] US (60/099,849) 1998-09-11

[21] **2,315,685**  
[13] A1

[51] **Int.Cl. 6A61K 31/445 6A61K 9/14 6A61K 9/20 6A61K 9/48**  
[25] EN  
[54] **MOLECULAR DISPERSION COMPOSITION WITH ENHANCED BIOAVAILABILITY**  
[54] **COMPOSITION DE DISPERSION MOLECULAIRE, A BIODISPONIBILITE ACCRUE**  
[72] SANGEKAR, SURENDRA A., US  
[72] LEE, PING I., US  
[72] NOMEIR, AMIN A., US  
[71] SCHERING CORPORATION, US  
[85] 2000-06-20  
[86] 1998-12-17 (PCT/US98/26218)  
[87] 1999-07-01 (WO99/32118)  
[30] US (08/997,168) 1997-12-22

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[21] **2,315,686**  
[13] A1

[51] **Int.Cl. 6G01N 33/53**  
[25] EN  
[54] **ANALYTICAL METHOD COMPRISING ADDITION IN TWO OR MORE POSITIONS AND A DEVICE AND TEST KIT THEREFOR**  
[54] **PROCEDE ANALYTIQUE COMPRENANT UNE ADDITION DANS DEUX OU PLUSIEURS POSITIONS ET DISPOSITIF ET TROUSSE D'ANALYSE ASSOCIES**  
[72] ZELIKMAN, ILYA, SE  
[72] MENDEL-HARTVIG, IB, SE  
[72] RUNDSTROM, GERD, SE  
[71] PHARMACIA & UPJOHN DIAGNOSTICS AB, SE  
[85] 2000-06-20  
[86] 1998-12-30 (PCT/SE98/02463)  
[87] 1999-07-22 (WO99/36776)  
[30] SE (9704934-0) 1997-12-30

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[21] **2,315,687**  
[13] A1

[51] **Int.Cl. 6D04H 1/54 6B32B 31/00 6D04H 13/00 6B32B 5/04 6B29C 55/06**  
[25] EN  
[54] **METHOD FOR MAKING A STRONG AND SOFT WEB**  
[54] **PROCEDE DE FABRICATION D'UNE BANDE CONTINUE SOUPLE ET SOLIDE**  
[72] BENSON, DOUGLAS HERRIN, US  
[72] CURRO, JOHN JOSEPH, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-06-20  
[86] 1998-01-23 (PCT/US98/00928)  
[87] 1999-07-29 (WO99/37841)

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[21] **2,315,688**  
[13] A1

[51] **Int.Cl. 6D04H 1/54 6B32B 31/00 6D04H 13/00 6B32B 5/04 6B29C 55/06**  
[25] EN  
[54] **METHOD FOR MAKING A STABLE NONWOVEN WEB HAVING ENHANCED EXTENSIBILITY IN MULTIPLE DIRECTION**  
[54] **PROCEDE DE FABRICATION D'UNE BANDE CONTINUE NON TISSEE STABLE A EXTENSIBILITE AMELIOREE DANS DE MULTIPLES DIRECTIONS**  
[72] BENSON, DOUGLAS HERRIN, US  
[72] CURRO, JOHN JOSEPH, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-06-20  
[86] 1998-01-23 (PCT/US98/01359)  
[87] 1999-07-29 (WO99/37840)

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[21] **2,315,689**  
[13] A1

[51] **Int.Cl. 7H04B 7/26**  
[25] EN  
[54] **MOBILE COMMUNICATION SYSTEM HAVING ATM-BASED CONNECTING SCHEME**  
[54] **SYSTEME DE COMMUNICATION MOBILE PRESENTANT UNE CONFIGURATION DE CONNEXION ATM**  
[72] SONG, DOUG-YOUNG, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2000-06-21  
[86] 1999-12-01 (PCT/KR99/00725)  
[87] 2000-06-08 (WO00/33487)  
[30] KR (52237/1998) 1998-12-01

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[21] **2,315,691**  
[13] A1

[51] **Int.Cl. 6H04L 17/02 6G08C 19/12 6H04N 5/44**  
[25] EN  
[54] **PORTABLE INTERNET-ENABLED CONTROLLER AND INFORMATION BROWSER FOR CONSUMER DEVICES**  
[54] **COMMANDE PORTATIVE UTILISANT INTERNET ET DISPOSITIF DE RECHERCHE D'INFORMATIONS POUR APPAREILS GRAND PUBLIC**  
[72] ALLPORT, DAVID E., US  
[71] EREMOTE, INC., US  
[85] 2000-06-20  
[86] 1998-12-22 (PCT/US98/27472)  
[87] 1999-07-08 (WO99/34564)  
[30] US (09/001,873) 1997-12-31

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[21] **2,315,692**  
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04Q 11/04**  
[25] EN  
[54] **AAL2 PROCESSING DEVICE AND METHOD FOR ATM NETWORK**  
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT AAL2 POUR RESEAU ATM**  
[72] SONG, DOUG-YOUNG, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2000-06-21  
[86] 1999-11-13 (PCT/KR99/00684)  
[87] 2000-05-25 (WO00/30304)  
[30] KR (48578/1998) 1998-11-13

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[21] **2,315,693**  
[13] A1

[51] **Int.Cl. 6A61K 31/44 6A61K 31/495**  
[25] EN  
[54] **COMBINATION OF BENZOCYCLOHEPTAPYRIDINE COMPOUNDS AND ANTINEOPLASTIC DRUGS FOR TREATING PROLIFERATIVE DISEASES**  
[54] **COMBINAISON DE COMPOSES BENZOCYCLOHEPTAPYRIDINES ET MEDICAMENTS ANTINEOPLASTIQUES POUR LE TRAITEMENT DE MALADIES PROLIFERANTES**  
[72] BISHOP, WALTER R., US  
[72] CATINO, JOSEPH J., US  
[72] DOLL, RONALD J., US  
[72] GANGULY, ASHIT, US  
[72] LIU, MING, US  
[72] KIRSCHMEIER, PAUL, US  
[72] GIRIJAVALLABHAN, VIYYOOR M., US  
[72] CUTLER, DAVID L., US  
[72] NIELSEN, LORETTA L., US  
[71] SCHERING CORPORATION, US  
[85] 2000-06-20  
[86] 1998-12-21 (PCT/US98/26224)  
[87] 1999-07-01 (WO99/32114)  
[30] US (08/996,027) 1997-12-22  
[30] US (09/143,529) 1998-08-28  
[30] US (09/181,969) 1998-10-29

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[21] **2,315,695**  
[13] A1

[51] **Int.Cl. 6C07C 235/08 6C07C 247/04**  
[25] EN  
[54] **POLYAMIDE OLIGOMERS**  
[54] **OLIGOMERES POLYAMIDIQUES**  
[72] ANSELL, STEVEN MICHAL, CA  
[71] INEX PHARMACEUTICALS CORPORATION, CA  
[85] 2000-06-20  
[86] 1998-12-22 (PCT/CA98/01185)  
[87] 1999-07-08 (WO99/33493)  
[30] US (60/113,658) 1997-12-23  
[30] US (60/073,852) 1998-02-02

[21] **2,315,697**  
[13] A1

[51] **Int.Cl. 6C10G 35/095 6C10G 35/04**  
[25] EN  
[54] **ZEOLITE L CATALYST IN A FURNACE REACTOR**  
[54] **CATALYSEUR ZEOLITIQUE D'UN REACTEUR A FOYER**  
[72] HARITATOS, NICHOLAS J., US  
[71] CHEVRON CHEMICAL COMPANY LLC, US  
[85] 2000-06-20  
[86] 1998-12-17 (PCT/US98/27007)  
[87] 1999-07-01 (WO99/32580)  
[30] US (08/995587) 1997-12-22

[21] **2,315,698**  
[13] A1

[51] **Int.Cl. 6B23Q 3/02**  
[25] EN  
[54] **TOMBSTONE FIXTURE**  
[54] **DISPOSITIF DE SERRAGE AU PORTANT**  
[72] MCCALMONT, PAUL E., US  
[72] BURT, DENNIS A., US  
[71] UNOVA IP CORP., US  
[85] 2000-06-21  
[86] 1998-12-18 (PCT/US98/27076)  
[87] 1999-07-01 (WO99/32257)  
[30] US (08/996,245) 1997-12-22

[21] **2,315,699**  
[13] A1

[51] **Int.Cl. 6G10L 9/14 6H04B 14/04 6H03M 7/30**  
[25] EN  
[54] **SOUND ENCODING METHOD AND SOUND DECODING METHOD, AND SOUND ENCODING DEVICE AND SOUND DECODING DEVICE**  
[54] **PROCEDE DE CODAGE ET DE DECODAGE SONORE ET DISPOSITIF DE CODAGE ET DE DECODAGE CORRESPONDANT**  
[72] YAMAURA, TADASHI, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[85] 2000-06-21  
[86] 1998-12-07 (PCT/JP98/05513)  
[87] 1999-07-08 (WO99/34354)  
[30] JP (9/354754) 1997-12-24

[21] **2,315,700**  
[13] A1

[51] **Int.Cl. 6F04C 19/00**  
[25] EN  
[54] **MULTIFLOW LIQUID RING PUMP**  
[54] **POMPE A ANNEAU LIQUIDE A PLUSIEURS FLUX**  
[72] BLENDER, HELMUT, DE  
[72] MASUCH, HORST, DE  
[72] TEMPEL, WOLFGANG, DE  
[72] KULAS, KARL-HEINZ, DE  
[72] JÄGER, ROLF, DE  
[72] MULLER, PATRICK, DE  
[71] GARDNER DENVER WITTIG GMBH, DE  
[85] 2000-06-20  
[86] 1998-12-16 (PCT/DE98/03752)  
[87] 1999-07-01 (WO99/32791)  
[30] DE (19758340.7) 1997-12-22

[21] **2,315,701**  
[13] A1

[51] **Int.Cl. 6F24F 1/01 6F24F 13/26**  
[25] EN  
[54] **INTEGRATED HEATING AND FRESH AIR SUPPLY DEVICE FOR USE WITH AN AIR DISTRIBUTION SYSTEM**  
[54] **DISPOSITIF INTEGRE DE CHAUFFAGE ET D'ALIMENTATION EN AIR FRAIS, CONCU POUR ETRE MIS EN OEUVRE AVEC UN SYSTEME DE DISTRIBUTION D'AIR**  
[72] BARIBEAULT, JEAN, CA  
[72] DOSTIE, MICHEL, CA  
[72] PARENT, DENIS, CA  
[71] HYDRO-QUEBEC, CA  
[85] 2000-06-20  
[86] 1998-12-29 (PCT/CA98/01206)  
[87] 1999-07-15 (WO99/35445)  
[30] US (09/001,149) 1997-12-30

[21] **2,315,702**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12P 21/00 6C12N 15/09 6C07K 14/47 6C07K 14/705**  
[25] EN  
[54] **V196 DNA AND POLYPEPTIDES**  
[54] **ADN ET POLYPEPTIDES V196**  
[72] LYMAN, STEWART D., US  
[71] IMMUNEX CORPORATION, US  
[85] 2000-06-21  
[86] 1998-12-23 (PCT/US98/27628)  
[87] 1999-07-08 (WO99/33877)  
[30] US (60/068,724) 1997-12-24

[21] **2,315,703**  
[13] A1

[51] **Int.Cl. 6C07D 209/42 6C07D 491/04 6A61K 31/40 6C07D 209/60**  
[25] EN  
[54] **TRIPEPTIDYL PEPTIDASE INHIBITORS**  
[54] **INHIBITEUR DE TRIPEPTIDYL PEPTIDASE**  
[72] ZHAO, LITHUA, GB  
[72] SCHWARTZ, JEAN-CHARLES, FR  
[72] GANELLIN, CHARON ROBIN, GB  
[72] SAMAD, SANJEEDA, GB  
[72] CHEN, YONDJUN, GB  
[72] ROSE, CHRISTIAN, FR  
[72] VARGAS, FROYLAN, US  
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR  
[71] BIOPROJET, FR  
[85] 2000-06-20  
[86] 1998-12-23 (PCT/EP98/08558)  
[87] 1999-07-08 (WO99/33801)  
[30] EP (97403148.6) 1997-12-23

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,315,704</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01F 1/44 6B03C 1/32</b> [25] EN [54] <b>A MAGNETIC FLUID, A PROCESS AND A DEVICE FOR ITS PRODUCTION</b> [54] <b>LIQUIDE MAGNETIQUE ET PROCEDE ET DISPOSITIF PERMETTANT DE LE PREPARER</b> [72] BUSKE, NORBERT, DE [71] MEDIPORT KARDIOTECHNIK GMBH, DE [85] 2000-06-21 [86] 1998-12-17 (PCT/EP98/08232) [87] 1999-07-01 (WO99/33072) [30] DE (197 58 350.4) 1997-12-22</p>	<p style="text-align: right;">[21] <b>2,315,707</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C10M 163/00 6C10M 139/00 6C10M 137/02 6C10M 137/04 6C10M 133/06 6C10M 133/08 6C10M 137/10 6C10M 135/18 6C10M 159/20 6C10M 159/22 6C10M 159/24</b> [25] EN [54] <b>LUBRICANT COMPOSITIONS</b> [54] <b>COMPOSITIONS LUBRIFIANTES</b> [72] DUNN, ADRIAN, GB [71] INFINEUM USA L.P., US [85] 2000-06-20 [86] 1998-12-21 (PCT/EP98/08576) [87] 1999-07-15 (WO99/35218) [30] GB (9800436.9) 1998-01-09</p>	<p style="text-align: right;">[21] <b>2,315,710</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G05B 19/41 6G05B 19/4099</b> [25] EN [54] <b>METHOD FOR PROCESSING WORK PIECES BY REMOVING MATERIAL</b> [54] <b>PROCEDE D'USINAGE DE PIECES PAR ENLEVEMENT DE MATIERE</b> [72] SCHNIDER, THOMAS, CH [72] WALDVOGEL, JORG, CH [72] ENGELI, MAX, CH [71] EIDGENOSSISCHE TECHNISCHE HOCHSCHULE ZURICH, CH [85] 2000-06-21 [86] 1998-12-08 (PCT/IB98/01949) [87] 1999-07-01 (WO99/32949) [30] CH (2944/97) 1997-12-22</p>
<p style="text-align: right;">[21] <b>2,315,705</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E04H 3/16</b> [25] EN [54] <b>SPA CHEMISTRY MONITOR UNIT</b> [54] <b>UNITE DE SURVEILLANCE DE LA COMPOSITION CHIMIQUE DE L'EAU CONTENUE DANS UNE CUVE THERMALE</b> [72] KHAN, SOUDY, US [71] POLARIS POOL SYSTEMS, INC., US [85] 2000-06-21 [86] 1999-08-23 (PCT/US99/19161) [87] 2000-05-04 (WO00/24991) [30] US (09/179,908) 1998-10-27</p>	<p style="text-align: right;">[21] <b>2,315,708</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 48/00 6C12N 5/00 6C12N 15/00</b> [25] EN [54] <b>STABILIZATION OF LIPID:DNA FORMULATIONS DURING NEBULIZATION</b> [54] <b>STABILISATION DE FORMULATIONS LIPIDE:ADN AU COURS D'UN PROCESSUS DE NEBULISATION</b> [72] DENSMORE, CHARLES L., US [72] WALDREP, J. CLIFFORD, US [72] KINSEY, BERMA M., US [72] KNIGHT, J. VERNON, US [71] RESEARCH DEVELOPMENT FOUNDATION, US [85] 2000-06-20 [86] 1999-01-08 (PCT/US99/00488) [87] 1999-07-15 (WO99/34837) [30] US (60/071,052) 1998-01-08</p>	<p style="text-align: right;">[21] <b>2,315,711</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G07D 3/00 6G07D 3/16</b> [25] EN [54] <b>COIN HANDLING APPARATUS AND A COIN DEPOSIT MACHINE INCORPORATING SUCH AN APPARATUS</b> [54] <b>APPAREIL A COMPTER LA MONNAIE ET MACHINE DE DEPOT DE MONNAIE COMPRENANT CET APPAREIL</b> [72] KARLSSON, JERRY, SE [71] SCAN COIN INDUSTRIES AB, SE [85] 2000-06-20 [86] 1998-12-21 (PCT/SE98/02406) [87] 1999-07-01 (WO99/33030) [30] SE (9704854-0) 1997-12-22</p>
<p style="text-align: right;">[21] <b>2,315,706</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/36</b> [25] EN [54] <b>FREQUENCY PLAN REVISION WITHIN A CELLULAR TELEPHONE SYSTEM</b> [54] <b>REVISION DE PLAN DE FREQUENCES DANS UN SYSTEME DE TELEPHONES CELLULAIRES</b> [72] RITZEN, BENNY, SE [72] SPORRE, MATTS, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-06-21 [86] 1998-12-18 (PCT/SE98/02397) [87] 1999-07-01 (WO99/33298) [30] US (08/996,267) 1997-12-22</p>	<p style="text-align: right;">[21] <b>2,315,709</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38</b> [25] EN [54] <b>SYSTEM AND METHOD FOR THE EARLY DETECTION OF CELLULAR TELEPHONE PIRACY</b> [54] <b>SYSTEME ET PROCEDE DE DETECTION PRECOCE DE PIRATAGE DE TELEPHONES CELLULAIRES</b> [72] BALACHANDRAN, SHRIDHARAN, US [71] ERICSSON INC., US [85] 2000-06-21 [86] 1998-12-21 (PCT/US98/27185) [87] 1999-07-01 (WO99/33309) [30] US (08/996,089) 1997-12-22</p>	<p style="text-align: right;">[21] <b>2,315,712</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63B 53/04</b> [25] EN [54] <b>LAMINATED LIGHTWEIGHT INSERTS FOR GOLF CLUB HEADS</b> [54] <b>PIECES D'INSERTION LEGERES LAMINEES POUR TETES DE CLUBS DE GOLF</b> [72] MAHAFFEY, STEVEN J., US [71] SPALDING SPORTS WORLDWIDE, INC., US [85] 2000-06-20 [86] 1999-09-10 (PCT/US99/20639) [87] 2000-04-27 (WO00/23150) [30] US (09/175,937) 1998-10-21</p>

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[21] **2,315,713**  
[13] A1

[51] **Int.Cl. 6C07D 231/38 6C07D 403/12 6C07D 409/12 6C07D 333/36 6C07D 307/66**

[25] EN  
[54] **INHIBITION OF RAF KINASE USING ARYL AND HETEROARYL SUBSTITUTED HETEROCYCLIC UREAS**  
[54] **INHIBITION DE RAF KINASE A L'AIDE D'UREES HETEROCYCLIQUES ARYLE ET HETEROARYLE SUBSTITUEES**

[72] WOOD, JILL E., US  
[72] HATOUM-MOKDAD, HOLIA, US  
[72] SIBLEY, ROBERT, US  
[72] PAULSEN, HOLGER, DE  
[72] SCOTT, WILLIAM J., US  
[72] DUMAS, JACQUES, US  
[72] KHIRE, UDAY, US  
[72] LOWINGER, TIMOTHY BRUNO, JP  
[72] RIEDL, BERND, DE  
[72] SMITH, ROGER A., US  
[72] JOHNSON, JEFFREY, US  
[72] REDMAN, ANIKO, US  
[71] BAYER CORPORATION, US  
[85] 2000-06-21  
[86] 1998-12-22 (PCT/US98/26082)  
[87] 1999-07-01 (WO99/32455)  
[30] US (08/996,181) 1997-12-22

[21] **2,315,714**  
[13] A1

[51] **Int.Cl. 6B65G 39/16 6B29D 30/00**

[25] EN  
[54] **GUIDE CONVEYOR HAVING A LATERALLY ADJUSTABLE DEFLECTOR ROLLER AT THE END**  
[54] **TRANSPORTEUR A GUIDES, COMPORTANT A SON EXTREMITE UN ROULEAU DE RENVOI REGLABLE LATERALEMENT**

[72] BANAS, MARK DANIEL, US  
[72] ECKMAN, RAYMOND PATRICK, US  
[72] BURG, GARY ROBERT, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[85] 2000-06-21  
[86] 1998-02-18 (PCT/US98/03324)  
[87] 1999-08-26 (WO99/42390)

[21] **2,315,715**  
[13] A1

[51] **Int.Cl. 6C07D 273/00 6C07D 275/00 6A61K 31/17**

[25] EN  
[54] **INHIBITION OF P38 KINASE USING SYMMETRICAL AND UNSYMMETRICAL DIPHENYL UREAS**  
[54] **INHIBITION DE LA KINASE P38 PAR DES DIPHENYL-UREES SYMETRIQUES ET DISSYMETRIQUES**

[72] WOOD, JILL E., US  
[72] OSTERHOUT, MARTIN, US  
[72] MILLER, SCOTT, US  
[72] GUNN, DAVID, US  
[72] LOWINGER, TIMOTHY BRUNO, JP  
[72] WANG, MING, US  
[72] SMITH, ROGER A., US  
[72] DUMAS, JACQUES, US  
[72] KHIRE, UDAY, US  
[72] HATOUM-MOKDAD, HOLIA, US  
[72] RODRIGUEZ, MARELI, US  
[72] TURNER, TIFFANY, US  
[72] BRENNAN, CATHERINE, US  
[72] SIBLEY, ROBERT, US  
[72] SCOTT, WILLIAM J., US  
[72] RIEDL, BERND, US  
[71] BAYER CORPORATION, US  
[85] 2000-06-21  
[86] 1998-12-22 (PCT/US98/27265)  
[87] 1999-07-01 (WO99/32463)  
[30] US (08/995,749) 1997-12-22

[21] **2,315,716**  
[13] A1

[51] **Int.Cl. 7A61C 5/00**

[25] EN  
[54] **INTERACTIVE DENTAL RESTORATIVE NETWORK**  
[54] **RESEAU DE RESTAURATION DENTAIRE INTERACTIF**

[72] VOCK, CURTIS A., US  
[72] YOUNGS, PERRY, US  
[72] LEHMANN, MARYANN, US  
[71] SHADE ANALYZING TECHNOLOGIES, INC., US  
[85] 2000-06-20  
[86] 1999-10-04 (PCT/US99/22857)  
[87] 2000-05-11 (WO00/25696)  
[30] US (60/106,920) 1998-11-03  
[30] US (60/109,299) 1998-11-19  
[30] US (60/120,596) 1999-02-18  
[30] US (60/120,612) 1999-02-18

[21] **2,315,717**  
[13] A1

[51] **Int.Cl. 6A61K 31/34 6C07D 257/06 6C07D 401/10 6C07D 271/113 6C07D 401/12 6C07D 285/135 6C07D 261/14 6C07D 215/20 6C07D 277/28 6C07D 333/36 6A61K 31/38 6C07D 231/40 6A61K 31/41 6A61K 31/415 6A61K 31/42 6A61K 31/425 6A61K 31/44 6A61K 31/47 6C07D 263/48 6C07D 307/66**

[25] EN  
[54] **INHIBITION OF RAF KINASE USING SUBSTITUTED HETEROCYCLIC UREAS**  
[54] **INHIBITION DE RAF KINASE AU MOYEN D'UREES HETEROCYCLIQUES SUBSTITUEES**

[72] REDMAN, ANIKO, US  
[72] LEE, WENDY, US  
[72] RIEDL, BERND, DE  
[72] SCOTT, WILLIAM J., US  
[72] MILLER, SCOTT, US  
[72] JOHNSON, JEFFREY, US  
[72] RENICK, JOEL, US  
[72] HATOUM-MOKDAD, HOLIA, US  
[72] SIBLEY, ROBERT, US  
[72] WOOD, JILL E., US  
[72] DUMAS, JACQUES, US  
[72] SMITH, ROGER A., US  
[72] LOWINGER, TIMOTHY BRUNO, JP  
[72] PAULSEN, HOLGER, DE  
[72] KHIRE, UDAY, US  
[71] BAYER CORPORATION, US  
[85] 2000-06-21  
[86] 1998-12-22 (PCT/US98/26078)  
[87] 1999-07-01 (WO99/32106)  
[30] US (08/996,343) 1997-12-22

[21] **2,315,718**  
[13] A1

[51] **Int.Cl. 6A61F 2/24**

[25] EN  
[54] **STENTLESS BIOPROSTHETIC HEART VALVE WITH CORONARY PROTUBERANCES**  
[54] **BIOPROTHESE DE VALVULE CARDIAQUE SANS STENT AVEC DES PROTUBERANCES CORONAIRES**

[72] NGUYEN-THIEN-NHON, DIANA, US  
[71] EDWARDS LIFESCIENCES CORPORATION, US  
[85] 2000-06-21  
[86] 1998-12-11 (PCT/US98/26344)  
[87] 1999-07-08 (WO99/33412)  
[30] US (08/998,318) 1997-12-24

## PCT Applications Entering the National Phase

[21] **2,315,719**  
[13] A1

[51] **Int.Cl. 6C01B 15/029**  
[25] EN  
[54] **PROCESS FOR PRODUCTION OF HYDROGEN PEROXIDE**  
[54] **PROCEDE DE PRODUCTION DE PEROXYDE D'HYDROGENE**  
[72] HERRMANN, WOLFGANG, SE  
[72] WANNGARD, JOHAN, SE  
[72] NYSTROM, MATS, SE  
[71] AKZO NOBEL N.V., NL  
[85] 2000-06-20  
[86] 1998-12-22 (PCT/SE98/02443)  
[87] 1999-07-01 (WO99/32399)  
[30] EP (97850180-7) 1997-12-22  
[30] US (60/068,440) 1997-12-22

[21] **2,315,720**  
[13] A1

[51] **Int.Cl. 6A61K 31/415 6A61K 31/35 6A61K 31/38 6A61K 31/385**  
[25] EN  
[54] **INHIBITION OF P38 KINASE ACTIVITY USING SUBSTITUTED HETEROCYCLIC UREAS**  
[54] **INHIBITION DE L'ACTIVITE DE P38 KINASE AU MOYEN D'UREES HETEROCYCLIQUES SUBSTITUEES**  
[72] SCOTT, WILLIAM J., US  
[72] LEE, WENDY, US  
[72] RIEDL, BERND, US  
[72] PAULSEN, HOLGER, DE  
[72] REDMAN, ANIKO, US  
[72] LOWINGER, TIMOTHY BRUNO, JP  
[72] SIBLEY, ROBERT, US  
[72] KHIRE, UDAY, US  
[72] JOHNSON, JEFFREY, US  
[72] HATOUM-MOKDAD, HOLIA, US  
[72] WOOD, JILL E., US  
[72] SMITH, ROGER A., US  
[72] DUMAS, JACQUES, US  
[71] BAYER CORPORATION, US  
[85] 2000-06-21  
[86] 1998-12-22 (PCT/US98/26080)  
[87] 1999-07-01 (WO99/32111)  
[30] US (08/995,750) 1997-12-22

[21] **2,315,721**  
[13] A1

[51] **Int.Cl. 6A61K 31/55 6A61K 31/445 6A61K 31/47 6A61K 31/495**  
[25] EN  
[54] **COMPOSITION FOR TREATING RESPIRATORY AND SKIN DISEASES, COMPRISING AT LEAST ONE LEUKOTRIENE ANTAGONIST AND AT LEAST ONE ANTIHISTAMINE**  
[54] **COMPOSITION POUR LE TRAITEMENT DE MALADIES RESPIRATOIRES ET CUTANEEES, COMPRENANT AU MOINS UN ANTAGONISTE DE LEUCOTRIENE ET AU MOINS UN ANTIHISTAMINE**  
[72] DANZIG, MELVYN R., US  
[72] MEDEIROS, PAUL T., US  
[72] JENSEN, PEDER K., US  
[72] LORBER, RICHARD R., US  
[71] SCHERING CORPORATION, US  
[85] 2000-06-20  
[86] 1998-12-21 (PCT/US98/26223)  
[87] 1999-07-01 (WO99/32125)  
[30] US (60/068,638) 1997-12-23  
[30] US (60/078,638) 1998-03-19

[21] **2,315,722**  
[13] A1

[51] **Int.Cl. 6H04L 29/06**  
[25] EN  
[54] **A METHOD FOR PACKET AUTHENTICATION IN THE PRESENCE OF NETWORK ADDRESS TRANSLATIONS AND PROTOCOL CONVERSIONS**  
[54] **PROCEDE D'AUTHENTIFICATION DE PAQUETS EN PRESENCE DE TRADUCTIONS D'ADRESSES RESEAU ET DE CONVERSIONS DE PROTOCOLE**  
[72] YLONEN, TATU, FI  
[71] SSH COMMUNICATIONS SECURITY OY, FI  
[85] 2000-06-21  
[86] 1998-12-30 (PCT/FI98/01032)  
[87] 1999-07-15 (WO99/35799)  
[30] FI (974665) 1997-12-31

[21] **2,315,723**  
[13] A1

[51] **Int.Cl. 6C07D 401/12 6C07D 209/18 6A61K 31/40**  
[25] EN  
[54] **INDOLE DERIVATIVES USEFUL A.O. FOR THE TREATMENT OF OSTEOPOROSIS**  
[54] **DERIVES D'INDOLE UTILES, ENTRE AUTRES, POUR LE TRAITEMENT DE L'OSTEOPOROSE**  
[72] NADLER, GUY MARGUERITE MARIE GERARD, FR  
[72] GAGLIARDI, STEFANIA, IT  
[72] NOVELLA, PIETRO A. T., IT  
[71] SMITHKLINE BEECHAM LABORATOIRES PHARMACEUTIQUES, FR  
[71] SMITHKLINE BEECHAM S.P.A., IT  
[85] 2000-06-21  
[86] 1998-12-17 (PCT/EP98/08561)  
[87] 1999-07-08 (WO99/33822)  
[30] EP (97403154.4) 1997-12-24

[21] **2,315,724**  
[13] A1

[51] **Int.Cl. 6A61L 27/00**  
[25] EN  
[54] **POROUS NICKEL-TITANIUM ALLOY ARTICLE**  
[54] **ARTICLE POREUX EN ALLIAGE NICKEL-TITANE**  
[72] GJUNTER, VICTOR, RU  
[71] NOVOSIBIRSK RESEARCH INSTITUTE OF TRAUMATOLOGY AND ORTHOPAEDICS, RU  
[71] BIORTHEX INC., CA  
[71] TOMSK MEDICAL ENGINEERING CENTRE OF SHAPE MEMORY IMPLANT, RU  
[85] 2000-06-21  
[86] 1998-12-23 (PCT/CA98/01202)  
[87] 1999-07-15 (WO99/34845)  
[30] US (09/001,496) 1997-12-31

[21] **2,315,725**  
[13] A1

[51] **Int.Cl. 6C10G 45/64 6C10G 47/16**  
[25] EN  
[54] **DEWAXING PROCESS**  
[54] **PROCEDE DE DEPARAFFINAGE**  
[72] HOWELL, ROBERT L., US  
[72] ROSENBAUM, JOHN M., US  
[71] CHEVRON U.S.A. INC., US  
[85] 2000-06-21  
[86] 1998-12-09 (PCT/US98/26112)  
[87] 1999-06-17 (WO99/29810)  
[30] US (08/988,287) 1997-12-10

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<p style="text-align: right;">[21] <b>2,315,726</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A23G 3/30 6A61K 9/68</b> [25] EN [54] <b>METHOD OF CONTROLLING RELEASE OF ANTIMICROBIAL AGENTS IN CHEWING GUM AND GUM PRODUCED THEREBY</b> [54] <b>PROCEDE PERMETTANT DE REGULER LA LIBERATION D'AGENTS ANTIMICROBIENS DANS UNE GOMME A MACHER ET GOMME A MACHER PRODUITE SELON CE PROCEDE</b> [72] BARABOLAK, ROMAN M., US [72] ZIBELL, STEVEN E., US [72] WITKEWITZ, DAVID L., US [72] GREENBERG, MICHAEL J., US [72] YATKA, ROBERT J., US [71] WM. WRIGLEY JR. COMPANY, US [85] 2000-06-21 [86] 1997-12-30 (PCT/US97/24132) [87] 1999-07-08 (WO99/33352)</p>	<p style="text-align: right;">[21] <b>2,315,731</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/02 6A61F 11/00 6A61F 2/04 6A61F 2/06</b> [25] EN [54] <b>LOW PRESSURE STENT</b> [54] <b>EXTENSEUR A FAIBLE PRESSION</b> [72] TROZERA, THOMAS, US [71] INTERVENTIONAL TECHNOLOGIES INC., US [85] 2000-06-21 [86] 1998-09-08 (PCT/US98/18848) [87] 2000-03-16 (WO00/13610)</p>	<p style="text-align: right;">[21] <b>2,315,740</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01J 35/20</b> [25] EN [54] <b>DISCHARGE LAMP SOURCES APPARATUS AND METHODS</b> [54] <b>SOURCES POUR LAMPE A DECHARGE ET PROCEDES CORRESPONDANTS</b> [72] SHIMKAVEG, GREGORY M., US [72] KLOSNER, MARC A., US [72] SILFVAST, WILLIAM T., US [71] UNIVERSITY OF CENTRAL FLORIDA, US [85] 2000-06-19 [86] 1998-12-28 (PCT/US98/27522) [87] 1999-07-08 (WO99/34395) [30] US (09/001,696) 1997-12-31</p>
<p style="text-align: right;">[21] <b>2,315,727</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 1/012</b> [25] EN [54] <b>SYSTEM AND METHOD FOR IN VIVO DELIVERY OF AUTONOMOUS CAPSULE</b> [54] <b>SYSTEME ET PROCEDE SERVANT A ADMINISTRER IN VIVO UNE CAPSULE AUTONOME</b> [72] IDDAN, GAVRIEL J., IL [72] MERON, GAVRIEL, IL [71] GIVEN IMAGING LTD., IL [85] 2000-06-21 [86] 1998-12-22 (PCT/IL98/00621) [87] 1999-07-01 (WO99/32028) [30] IL (122716) 1997-12-22</p>	<p style="text-align: right;">[21] <b>2,315,732</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 9/36 6C11D 9/02 6C11D 17/08</b> [25] EN [54] <b>STABLE EMULSIONS</b> [54] <b>EMULSIONS STABLES</b> [72] JAMES, DAVID, AU [71] DOW CORNING AUSTRALIA PTY LTD., AU [85] 2000-06-21 [86] 1998-12-18 (PCT/AU98/01043) [87] 1999-07-01 (WO99/32597) [30] AU (PP 1081) 1997-12-22</p>	<p style="text-align: right;">[21] <b>2,315,741</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12G 3/08 6C12C 12/04 6A23L 1/221</b> [25] EN [54] <b>A MEMBRANE PROCESS FOR MAKING ENHANCED FLAVOR FLUIDS</b> [54] <b>PROCEDE UTILISANT UNE MEMBRANE ET SERVANT A LA PRODUCTION DE FLUIDES AYANT UN GOUT PLUS PRONONCE</b> [72] HO, SA V., US [72] SHERIDAN, P. WAYNE, US [71] MONSANTO COMPANY, US [85] 2000-06-20 [86] 1998-12-24 (PCT/US98/27379) [87] 1999-07-08 (WO99/33949) [30] US (08/999,127) 1997-12-29</p>
<p style="text-align: right;">[21] <b>2,315,729</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 9/45</b> [25] EN [54] <b>METHOD FOR ANALYZING CAPACITY OF PARALLEL PROCESSING SYSTEMS</b> [54] <b>METHODE D'ANALYSE DE LA CAPACITE DE SYSTEMES DE TRAITEMENT A ARCHITECTURE PARALLELE</b> [72] ISMAN, MARSHALL A., US [71] AB INITIO SOFTWARE CORPORATION, US [85] 2000-06-21 [86] 1998-12-23 (PCT/US98/27402) [87] 1999-07-01 (WO99/32970) [30] US (08/997,142) 1997-12-23</p>	<p style="text-align: right;">[21] <b>2,315,733</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/52 6C07D 473/30 6C07D 473/34</b> [25] EN [54] <b>TYPE 2 HELPER T CELL-SELECTIVE IMMUNE RESPONSE SUPPRESSORS</b> [54] <b>SUPPRESSEURS DE LA REPONSE IMMUNITAIRE SELECTIFS PAR RAPPORT AUX LYMPHOCYTES T AUXILIAIRES DE TYPE 2</b> [72] TOBE, MASANORI, JP [72] TAKAKU, HARUO, JP [72] OGITA, HARUHISA, JP [72] ISOBE, YOSHIAKI, JP [72] MATSUI, HIROYUKI, JP [72] TOMIZAWA, HIDEYUKI, JP [71] JAPAN ENERGY CORPORATION, JP [85] 2000-06-21 [86] 1998-12-21 (PCT/JP98/05779) [87] 1999-07-01 (WO99/32122) [30] JP (9/353462) 1997-12-22</p>	



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[13] A1  
[51] **Int.Cl. 6C01B 7/01 6A62D 3/00 6C01B 7/03 6C01B 7/09 6C01B 7/13 6C01B 7/19 6C01B 3/32**  
[25] EN  
[54] **PRODUCTION OF ONE OR MORE USEFUL PRODUCTS FROM LESSER VALUE HALOGENATED MATERIALS**  
[54] **PRODUCTION D'UN OU PLUSIEURS PRODUITS UTILES, A PARTIR DE MATERIAUX HALOGENES DE VALEUR INFERIEURE**  
[72] TIMM, EDWARD E., US  
[72] JEWELL, DENNIS WADE, US  
[72] CLARK, JAMES EVERETT, US  
[72] LIPP, CHARLES WILLIAM, US  
[72] HENLEY, JOHN P., US  
[72] SALINAS, LEOPOLDO III, US  
[72] SNEDECOR, TARVER GAYLE JR., US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2000-06-20  
[86] 1998-12-10 (PCT/US98/26298)  
[87] 1999-07-01 (WO99/32397)  
[30] US (60/068,405) 1997-12-22

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[21] **2,315,744**  
[13] A1  
[51] **Int.Cl. 6B60C 9/26**  
[25] EN  
[54] **TIRE WITH BURIED OVERLAY**  
[54] **PNEUMATIQUE A REVETEMENT NOYE**  
[72] DYER, DALE KENNETH, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[85] 2000-06-20  
[86] 1998-02-16 (PCT/US98/02828)  
[87] 1999-08-19 (WO99/41092)

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[21] **2,315,746**  
[13] A1  
[51] **Int.Cl. 6A61K 39/02 6C08B 37/00 6A61K 39/385**  
[25] EN  
[54] **LIPOOLIGOSACCHARIDE-BASED VACCINE FOR PREVENTION OF MORAXELLA (BRANHAMELLA) CATARRHALIS INFECTIONS IN MAMMALS**  
[54] **VACCIN A BASE DE LIPOOLIGOSACCHARIDE DESTINE A LA PREVENTION D'INFECTIONS DUES A MORAXELLA (BRANHAMELLA) CATARRHALIS CHEZ LES MAMMALIENS**  
[72] ROBBINS, JOHN B., US  
[72] GU, XIN-XING, US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE, US  
[85] 2000-06-20  
[86] 1999-01-12 (PCT/US99/00590)  
[87] 1999-07-22 (WO99/36086)  
[30] US (60/071,483) 1998-01-13

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[21] **2,315,747**  
[13] A1  
[51] **Int.Cl. 6G02B 1/04 6A61L 27/00**  
[25] EN  
[54] **HIGH REFRACTIVE INDEX OPHTHALMIC DEVICE MATERIALS**  
[54] **MATERIAUX POUR DISPOSITIFS OPHTHALMIQUES A INDICE DE REFRACTION ELEVE**  
[72] LEBOEUF, ALBERT R., US  
[72] KARAKELLE, MUTLU, US  
[72] JINKERSON, DAVID L., US  
[72] FREEMAN, CHARLES, US  
[71] ALCON LABORATORIES, INC., US  
[85] 2000-06-20  
[86] 1999-04-01 (PCT/US99/07355)  
[87] 1999-10-21 (WO99/53347)  
[30] US (60/081,814) 1998-04-15

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[21] **2,315,748**  
[13] A1  
[51] **Int.Cl. 6A61F 13/15 6A61L 15/60**  
[25] EN  
[54] **ABSORBENT ARTICLE CONTAINING SUPERABSORBENT MATERIAL**  
[54] **ARTICLE ABSORBANT CONTENANT UNE MATIERE SUPERABSORBANTE**  
[72] KALENTUN, PIA, SE  
[72] SVENSSON, ASA, SE  
[72] OSTERDAHL, EJE, SE  
[72] SAMUELSON, ANNIKA, SE  
[72] HIMMELMAN, GUNILLA, SE  
[72] STROMBOM, EVA, SE  
[72] HJERPE, ANGELA, SE  
[72] ANNERGREN, JEANETTE, SE  
[71] SCA HYGIENE PRODUCTS AB, SE  
[85] 2000-06-19  
[86] 1998-12-29 (PCT/SE98/02454)  
[87] 1999-07-08 (WO99/33420)  
[30] SE (9704881-3) 1997-12-29

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[21] **2,315,749**  
[13] A1  
[51] **Int.Cl. 6F16C 1/06 6B23B 41/00 6B23B 47/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TRANSFERRING DRILLING ENERGY TO A CUTTING MEMBER**  
[54] **PROCEDE ET APPAREIL POUR TRANSFERER L'ENERGIE DE FORAGE A UN ELEMENT DE COUPE**  
[72] ROMANO, JACK W., US  
[71] ROMANO, JACK W., US  
[85] 2000-06-20  
[86] 1998-12-30 (PCT/US98/27847)  
[87] 1999-07-08 (WO99/34121)  
[30] US (60/070,081) 1997-12-31

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[21] **2,315,750**  
[13] A1

[51] **Int.Cl. 6C12N 15/17 6C12N 1/06 6C12N 15/62**  
[25] EN  
[54] **A PROCESS FOR PREPARING HUMAN PROINSULIN**  
[54] **PROCEDE DE PREPARATION DE PRO-INSULINE HUMAINE**  
[72] KIM, YONG-IN, KR  
[72] KIM, CHANG-KYU, KR  
[72] OH, SUNG-JIN, KR  
[72] SHIN, JEONG-WOO, KR  
[72] PHEU, JE-NIE, KR  
[72] LEE, WANG-SIK, KR  
[72] KIM, JUNG-WOO, KR  
[72] HONG, CHUNG-II, US  
[71] CHONG KUN DANG CORPORATION, KR  
[85] 2000-06-20  
[86] 1998-12-24 (PCT/KR98/00464)  
[87] 1999-07-08 (WO99/33988)  
[30] KR (1997/77163) 1997-12-29

[21] **2,315,751**  
[13] A1

[51] **Int.Cl. 6G06F 9/445 6G06F 9/42**  
[25] EN  
[54] **CALL MECHANISM FOR STATIC AND DYNAMIC LINKED FUNCTIONS WITHIN AN OBJECT-ORIENTED CONTROLLER USING HETEROGENEOUS DEVELOPMENT TOOL SETS**  
[54] **MECANISME D'APPEL POUR FONCTIONS DE LIAISON STATIQUE ET DYNAMIQUE A L'INTERIEUR D'UN CONTROLEUR ORIENTE OBJET FAISANT APPEL A DES BOITES A OUTILS DE DEVELOPPEMENT HETEROGENES**  
[72] SALPAKARI, PEKKA M., FI  
[72] CHERNOGUZOV, ALEXANDER V., US  
[72] STEINMAN, JETHRO F., US  
[72] NARAYAN, SHASHANK S., US  
[72] OLLIKAINEN, MATTI H., FI  
[72] RAHIKAINEN, HANNU J., FI  
[71] HONEYWELL INC., US  
[85] 2000-06-19  
[86] 1998-11-12 (PCT/US98/24221)  
[87] 1999-07-01 (WO99/32969)  
[30] US (08/994,415) 1997-12-19

[21] **2,315,752**  
[13] A1

[51] **Int.Cl. 6F01C 1/073 6F01C 9/00 6F04C 9/00 6F04C 21/00**  
[25] EN  
[54] **A POWER UNIT FOR USE AS A PRESSURE-FLUID-OPERATED MOTOR AND/OR A PRESSURE FLUID PUMP**  
[54] **UNITE D'ALIMENTATION DESTINEE A ETRE UTILISEE COMME MOTEUR COMMANDE PAR FLUIDE SOUS PRESSION ET/OU POMPE A FLUIDE SOUS PRESSION**  
[72] RAIKAMO, ESKO, FI  
[71] RAIKAMO, ESKO, FI  
[85] 2000-06-20  
[86] 1998-12-22 (PCT/FI98/01012)  
[87] 1999-07-01 (WO99/32760)  
[30] FI (974588) 1997-12-22

[21] **2,315,753**  
[13] A1

[51] **Int.Cl. 6C08F 6/10**  
[25] EN  
[54] **FINISHING DESIGN TO INCREASE THE POLYMER CONTENT IN AN OLEFIN SOLUTION POLYMERIZATION PROCESS**  
[54] **ETAPE DE FINITION PERMETTANT D'AUGMENTER LA QUANTITE DE POLYMERES DANS UN PROCESSUS DE POLYMERISATION EN SOLUTION D'OLEFINES**  
[72] KAO, CHE-I, US  
[72] SWINDOLL, ROBERT D., US  
[72] TAU, LI-MIN, US  
[72] JAIN, PRADEEP, US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2000-06-19  
[86] 1998-12-23 (PCT/US98/27363)  
[87] 1999-07-01 (WO99/32525)  
[30] US (60/068,623) 1997-12-23

[21] **2,315,754**  
[13] A1

[51] **Int.Cl. 6A61M 25/00**  
[25] EN  
[54] **MOLDED TIP AND TUBING AND METHOD OF MAKING SAME**  
[54] **EMBOUT MOULE, TUBULURE ET LEUR PROCEDE DE FABRICATION**  
[72] FIELDER, GARY R., US  
[72] HELGERSON, JEFFREY A., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2000-06-20  
[86] 1999-01-08 (PCT/IB99/00127)  
[87] 1999-07-22 (WO99/36119)  
[30] US (09/007,867) 1998-01-15

[21] **2,315,755**  
[13] A1

[51] **Int.Cl. 6H02K 3/28 6H02K 1/14 6H02K 21/22 6H02K 3/52**  
[25] EN  
[54] **BRUSHLESS ELECTRONIC COMMUTED MOTOR**  
[54] **MOTEUR SANS BALAI A COMMUTATION ELECTRONIQUE**  
[72] VON KNORRE, DIETRICH, DE  
[72] BERG, GUNTER, DE  
[72] GROSS, DIETER, DE  
[72] WITTHOHN, LUTZ, DE  
[72] FINDEISEN, ANTJE, DE  
[71] TEMIC AUTOMOTIVE ELECTRIC MOTORS GMBH, DE  
[85] 2000-06-19  
[86] 1998-12-05 (PCT/EP98/07917)  
[87] 1999-07-01 (WO99/33157)  
[30] DE (197 57 136.0) 1997-12-20

[21] **2,315,756**  
[13] A1

[51] **Int.Cl. 7H04B 7/26**  
[25] EN  
[54] **DEVICE AND METHOD FOR LOCATING A MOBILE STATION IN A MOBILE COMMUNICATION SYSTEM**  
[54] **DISPOSITIF ET PROCEDE DE LOCALISATION D'UNE STATION MOBILE DANS UN SYSTEME DE COMMUNICATION MOBILE**  
[72] KONG, SEUNG-HYUN, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2000-06-20  
[86] 1999-12-17 (PCT/KR99/00786)  
[87] 2000-06-22 (WO00/36767)  
[30] KR (55907/1998) 1998-12-17

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[21] **2,315,757**  
[13] A1  
[51] **Int.Cl. 6B01D 57/02 6G01N 27/26**  
**6G01N 27/44 6G01N 27/447 6G01N 27/453**  
[25] EN  
[54] **APPARATUS FOR**  
**ELECTROPHORESIS**  
[54] **APPAREIL D'ELECTROPHORESE**  
[72] GARFIN, DAVID, US  
[72] FERNWOOD, GEORGE, US  
[72] MOLLOY, MARK, AU  
[72] WALSH, BRADLEY, AU  
[72] WILLIAMS, KEITH LESLIE, AU  
[72] PACKER, NICOLLE HANNAH, AU  
[72] HERBERT, BEN, AU  
[72] GOOLEY, ANDREW ARTHUR, AU  
[71] MACQUARIE RESEARCH LTD., AU  
[85] 2000-06-19  
[86] 1998-12-22 (PCT/AU98/01066)  
[87] 1999-07-08 (WO99/33550)  
[30] AU (PP 1086) 1997-12-23

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[21] **2,315,758**  
[13] A1  
[51] **Int.Cl. 6H03M 3/02**  
[25] EN  
[54] **NOISE CANCELLATION CIRCUIT**  
**AND QUADRATURE**  
**DOWNCONVERTER**  
[54] **CIRCUIT ELIMINATEUR DE**  
**BRUIT ET ABAISSEUR DE**  
**FREQUENCE EN QUADRATURE**  
[72] MATHE, LENNART KARL-AXEL, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2000-06-20  
[86] 1999-01-11 (PCT/US99/00580)  
[87] 1999-07-15 (WO99/35746)  
[30] US (09/005,355) 1998-01-09

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[21] **2,315,759**  
[13] A1  
[51] **Int.Cl. 6G01R 31/11**  
[25] EN  
[54] **TESTING OF CATV SYSTEMS**  
[54] **VERIFICATION DE SYSTEMES**  
**CATV**  
[72] RITTMAN, DANIEL E., US  
[71] TRILITHIC, INC., US  
[85] 2000-06-20  
[86] 1999-01-22 (PCT/US99/01432)  
[87] 1999-07-29 (WO99/38023)  
[30] US (60/072,409) 1998-01-23

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[21] **2,315,760**  
[13] A1  
[51] **Int.Cl. 6A01N 37/44 6A01N 33/12**  
**6A01N 31/14 6A01N 47/44**  
[25] EN  
[54] **TUBERCULOCIDAL**  
**DISINFECTANT**  
[54] **DESINFECTANT**  
**TUBERCULOCIDE**  
[72] BEHRENDTS, SABINE, DK  
[71] AIR LIQUIDE SANTE  
(INTERNATIONAL), FR  
[85] 2000-06-19  
[86] 1999-01-11 (PCT/IB99/00025)  
[87] 1999-07-22 (WO99/35912)  
[30] DE (198 01 821.5) 1998-01-15

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[21] **2,315,761**  
[13] A1  
[51] **Int.Cl. 6C07C 249/02 6C07C 251/20**  
[25] EN  
[54] **NOVEL PROCESS FOR**  
**PREPARING A KETIMINE**  
[54] **NOUVEAU PROCEDE DE**  
**PREPARATION D'UNE KETIMINE**  
[72] COLBERG, JUAN CARLOS, US  
[72] TABER, GERALDINE PATRICIA, US  
[72] PFISTERER, DAVID MICHAEL, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2000-06-20  
[86] 1998-10-15 (PCT/IB98/01619)  
[87] 1999-07-22 (WO99/36394)  
[30] US (60/071,600) 1998-01-16

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[21] **2,315,763**  
[13] A1  
[51] **Int.Cl. 6C07D 487/04 6C07D 237/00**  
**6C07D 249/00 6A61K 31/50**  
[25] EN  
[54] **TRIAZOLO-PYRIDAZINE**  
**DERIVATIVES AS LIGANDS FOR**  
**GABA RECEPTORS**  
[54] **DERIVES DE LA TRIAZOLO-**  
**PYRIDAZINE, LIGANDS DES**  
**RECEPTEURS DU GABA**  
[72] GUIBLIN, ALEXANDER RICHARD,  
GB  
[72] MOORE, KEVIN WILLIAM, GB  
[72] SCOTT, GAYLE, GB  
[72] HARRISON, TIMOTHY, GB  
[72] CASTRO PINEIRO, JOSE LUIS, GB  
[72] CARLING, WILLIAM ROBERT, GB  
[72] STREET, LESLIE JOSEPH, GB  
[72] MADIN, ANDREW, GB  
[72] RUSSELL, MICHAEL GEOFFREY  
NEIL, GB  
[72] COLLINS, IAN JAMES, GB  
[71] MERCK SHARP & DOHME LIMITED,  
GB  
[85] 2000-06-19  
[86] 1999-01-13 (PCT/GB99/00103)  
[87] 1999-07-29 (WO99/37644)  
[30] GB (9801233.9) 1998-01-21  
[30] GB (9821517.1) 1998-10-02

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[21] **2,315,765**  
[13] A1  
[51] **Int.Cl. 6C08G 18/66**  
[25] EN  
[54] **ALIPHATIC, LOW-EMISSION**  
**THERMOPLASTIC POLYURETHANE**  
**MOULDING MATERIALS SUITABLE**  
**FOR SINTERING**  
[54] **MATIERES MOULABLES EN**  
**POLYURETHANE**  
**THERMOPLASTIQUES,**  
**ALIPHATIQUES, FRITTABLES ET PEU**  
**POLLUANTES**  
[72] OHLINGER, RAINER, DE  
[72] HEIDINGSFELD, HERBERT, DE  
[72] KAUFHOLD, WOLFGANG, DE  
[72] HOPPE, HANS-GEORG, DE  
[72] KALBE, MICHAEL, DE  
[71] BENECKE KALIKO AG, DE  
[71] BAYER AKTIENGESELLSCHAFT,  
DE  
[85] 2000-06-19  
[86] 1998-12-10 (PCT/EP98/08043)  
[87] 1999-07-08 (WO99/33895)  
[30] DE (197 57 569.2) 1997-12-23

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[21] **2,315,766**  
[13] A1

[51] **Int.Cl. 6B01J 27/26 6B01J 31/06 6C08G 65/10**  
[25] EN  
[54] **IMPROVED DOUBLE-METAL CYANIDE CATALYSTS FOR THE PRODUCTION OF POLYETHER POLYOLS**  
[54] **CATALYSEURS AU CYANURE COMPOSITE AMELIORES POUR LA PRODUCTION DE POLYOLS DE POLYETHER**  
[72] HOFMANN, JORG, DE  
[72] SCHAFFER, WALTER, DE  
[72] OOMS, PIETER, DE  
[72] SCHNEIDER, MICHAEL, DE  
[72] GUPTA, PRAMOD, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-06-19  
[86] 1998-12-10 (PCT/EP98/08073)  
[87] 1999-07-08 (WO99/33562)  
[30] DE (197 57 574.9) 1997-12-23

[21] **2,315,767**  
[13] A1

[51] **Int.Cl. 6A61K 9/00 6A61K 47/18**  
[25] EN  
[54] **AUTOCLAVABLE PHARMACEUTICAL COMPOSITIONS CONTAINING A CHELATING AGENT**  
[54] **COMPOSITIONS PHARMACEUTIQUES AUTOCLAVABLES, CONTENANT UN CHELATEUR**  
[72] KIS, GYORGY LAJOS, CH  
[71] NOVARTIS AG, CH  
[85] 2000-06-19  
[86] 1999-01-13 (PCT/EP99/00160)  
[87] 1999-07-22 (WO99/36055)  
[30] EP (98810016.0) 1998-01-15

[21] **2,315,768**  
[13] A1

[51] **Int.Cl. 6G08G 1/09**  
[25] EN  
[54] **INFORMATION SYSTEM FOR ROAD TRAFFIC**  
[54] **SYSTEME D'INFORMATION ROUTIERE**  
[72] SCHMIDT, JOHAN RICHARD, NL  
[71] KONINKLIJKE KPN N.V., NL  
[85] 2000-06-19  
[86] 1998-12-24 (PCT/EP98/08555)  
[87] 1999-07-15 (WO99/35629)  
[30] NL (1007931) 1997-12-30

[21] **2,315,769**  
[13] A1

[51] **Int.Cl. 6C10G 35/095 6B01J 29/64**  
[25] EN  
[54] **MONOFUNCTIONAL REFORMING CATALYST CONTAINING BISMUTH**  
[54] **CATALYSEUR DE REFORMAGE MONOFONCTIONNEL CONTENANT DU BISMUTH**  
[72] INNES, ROBERT A., US  
[72] FUKUNAGA, TETSUYA, JP  
[72] SUGIMOTO, MICHIO, JP  
[71] IDEMITSU KOSAN COMPANY LIMITED, JP  
[71] CHEVRON CHEMICAL COMPANY LLC, US  
[85] 2000-06-19  
[86] 1998-11-06 (PCT/US98/23683)  
[87] 1999-07-01 (WO99/32578)  
[30] US (08/995,588) 1997-12-22

[21] **2,315,770**  
[13] A1

[51] **Int.Cl. 6A61L 15/46 6A61F 13/15**  
[25] EN  
[54] **ODOUR CONTROL PARTICLES HAVING A LIQUID ACTIVATED PARTICLE SEPARATION MEANS**  
[54] **PARTICULES DESODORISANTES COMPORTANT UN ELEMENT DE SEPARATION DE PARTICULES A ACTIVATION LIQUIDE**  
[72] FEBO, PIETRO, IT  
[72] CARLUCCI, GIOVANNI, IT  
[72] DIVO, MICHAEL, DE  
[72] GAGLIARDI, IVANO, IT  
[71] DEPUY ACROMED, INC., US  
[85] 2000-06-19  
[86] 1998-12-09 (PCT/US98/26168)  
[87] 1999-06-24 (WO99/30752)  
[30] EP (97122345.8) 1997-12-18

[21] **2,315,771**  
[13] A1

[51] **Int.Cl. 6A61L 15/46 6A61F 13/15**  
[25] EN  
[54] **COMPACTED ODOUR CONTROL PARTICLES HAVING A LIQUID ACTIVATED PARTICLE SEPARATION MEANS**  
[54] **PARTICULES DESODORISANTES COMPACTEES COMPORTANT UN ELEMENT DE SEPARATION DE PARTICULES A ACTIVATION LIQUIDE**  
[72] FEBO, PIETRO, IT  
[72] DIVO, MICHAEL, DE  
[72] GAGLIARDI, IVANO, IT  
[72] CARLUCCI, GIOVANNI, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-06-19  
[86] 1998-12-09 (PCT/US98/26169)  
[87] 1999-06-24 (WO99/30753)  
[30] EP (97122346.6) 1997-12-18

[21] **2,315,772**  
[13] A1

[51] **Int.Cl. 6A61F 13/15 6B32B 3/30**  
[25] EN  
[54] **THE USE OF STAIN MASKING BACKSHEETS IN ABSORBENT ARTICLES**  
[54] **UTILISATION DANS DES ARTICLES ABSORBANTS DE CONTRE-FEUILLES MASQUANT LES TACHES**  
[72] TAMBURRO, MAURIZIO, IT  
[72] CARLUCCI, GIOVANNI, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-06-19  
[86] 1998-12-09 (PCT/US98/26167)  
[87] 1999-06-24 (WO99/30660)  
[30] EP (97122344.1) 1997-12-18

[21] **2,315,774**  
[13] A1

[51] **Int.Cl. 6F27B 7/16**  
[25] EN  
[54] **FABRICATED STEEL LIFTER FOR ROTARY KILN**  
[54] **CORNIERE ELEVATRICE OUVREE EN ACIER, POUR FOUR ROTATIF**  
[72] DOERKSEN, BRIAN J., US  
[71] CONOCO INC., US  
[85] 2000-06-19  
[86] 1999-02-01 (PCT/US99/02085)  
[87] 1999-09-02 (WO99/44000)  
[30] US (09/030,630) 1998-02-25

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[21] **2,315,776**  
[13] A1  
[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **HIGH THROUGHPUT ASSAY SYSTEM**  
[54] **SYSTEME DE DOSAGE A HAUT RENDEMENT**  
[72] FELDER, STEPHEN, US  
[72] KRIS, RICHARD, US  
[71] FELDER, STEPHEN, US  
[71] KRIS, RICHARD, US  
[85] 2000-06-19  
[86] 1998-12-21 (PCT/US98/27191)  
[87] 1999-07-01 (WO99/32663)  
[30] US (60/068,291) 1997-12-19  
[30] US (09/109,076) 1998-07-02

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[21] **2,315,777**  
[13] A1  
[51] **Int.Cl. 6A61M 15/00**  
[25] EN  
[54] **INDICATING DEVICE FOR USE WITH A DISPENSING DEVICE**  
[54] **DISPOSITIF INDICATEUR A UTILISER CONJOINTEMENT AVEC UN DISPOSITIF DISTRIBUTEUR**  
[72] BLACKER, RICHARD, CA  
[72] ENGELBRETH, DANIEL K., CA  
[72] SCHMIDT, JAMES N., CA  
[71] 1263152 ONTARIO INC., CA  
[85] 2000-06-19  
[86] 1999-01-13 (PCT/IB99/00032)  
[87] 1999-07-22 (WO99/36115)  
[30] US (09/008,184) 1998-01-16  
[30] US (09/149,708) 1998-09-08

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[13] A1  
[51] **Int.Cl. 6C23C 22/12 6C23C 22/13 6C23C 22/18**  
[25] EN  
[54] **PHOSPHATIZATION OF A SINGLE-FACE GALVANIZED STEEL STRIP**  
[54] **PROCEDE DE PHOSPHATATION DE FEUILLARD D'ACIER GALVANISE D'UN SEUL COTE**  
[72] JANSEN, WALTER, DE  
[72] MOHR, KLAUS-PETER, DE  
[72] RIESOP, JOERG, DE  
[71] HENKEL  
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[71] THYSSEN KRUPP STAHL AG, DE  
[85] 2000-06-19  
[86] 1998-12-10 (PCT/EP98/08047)  
[87] 1999-07-01 (WO99/32687)  
[30] DE (197 56 735.5) 1997-12-19

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[13] A1  
[51] **Int.Cl. 6B24B 31/00 6C22B 1/00 6C22B 7/00 6C22B 21/00**  
[25] EN  
[54] **METHOD OF REMOVING A METALLIC COATING LAYER FROM SCRAP METAL PIECES**  
[54] **PROCEDE PERMETTANT D'ENLEVER UNE COUCHE DE REVETEMENT METALLIQUE DE PIECES DE FERRAILLE**  
[72] WITTEBROOD, ADRIANUS JACOBUS, NL  
[71] CORUS ALUMINIUM  
WALZPRODUKTE GMBH, DE  
[85] 2000-06-16  
[86] 1998-12-18 (PCT/EP98/08528)  
[87] 1999-07-01 (WO99/32260)  
[30] EP (97204036.4) 1997-12-19

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[21] **2,315,781**  
[13] A1  
[51] **Int.Cl. 6G01V 3/165**  
[25] EN  
[54] **AIRBORNE ELECTROMAGNETIC SYSTEM**  
[54] **SYSTEME ELECTROMAGNETIQUE EMBARQUE SUR UN AVION**  
[72] KLINKERT, PHILIP SAMUEL, ZA  
[71] ANGLO AMERICAN CORPORATION OF SOUTH AFRICA LIMITED, ZA  
[85] 2000-06-19  
[86] 1998-12-17 (PCT/GB98/03792)  
[87] 1999-07-01 (WO99/32905)  
[30] ZA (97/10175) 1997-12-19

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[13] A1  
[51] **Int.Cl. 6A61K 9/107 6A61K 9/127 6A61K 9/133 6A61K 31/56 6A61K 31/565 6A61K 31/57 6A61K 31/575 6A61K 31/58**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING MICELLES COMPRISING LIPOPHILIC GLUCOCORTICOSTEROID AND ONLY ONE SURFACTANT**  
[54] **COMPOSITIONS PHARMACUTIQUES COMPRENANT DES MICELLES QUI COMPRENENT UN GLUCOCORTICOSTEROIDE LIPOPHILE ET UN TENSIO-ACTIF UNIQUE**  
[72] SJOQUIST, GABRIELLE, SE  
[71] ASTRAZENECA AB, SE  
[85] 2000-06-19  
[86] 1998-12-22 (PCT/SE98/02426)  
[87] 1999-07-01 (WO99/32089)  
[30] SE (9704833-4) 1997-12-22

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[21] **2,315,783**  
[13] A1  
[51] **Int.Cl. 6E21B 43/25 6E21B 28/00**  
[25] EN  
[54] **A METHOD TO INCREASE THE OIL PRODUCTION FROM AN OIL RESERVOIR**  
[54] **PROCEDE D'AUGMENTATION DE LA PRODUCTION DE PETROLE D'UN RESERVOIR DE PETROLE**  
[72] ELLINGSEN, OLAV, NO  
[71] EUREKA OIL ASA, NO  
[85] 2000-06-16  
[86] 1998-12-17 (PCT/NO98/00383)  
[87] 1999-07-01 (WO99/32757)  
[30] NO (19976027) 1997-12-22

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[21] **2,315,784**  
[13] A1  
[51] **Int.Cl. 6A61K 9/70 6A61K 31/325**  
[25] EN  
[54] **TTS CONTAINING AN ANTIOXIDANT**  
[54] **SYSTEME TRANSDERMIQUE CONTENANT UN ANTIOXYDANT**  
[72] ASMUSSEN, BODO, DE  
[72] KOPKE, KAI, CH  
[72] HORSTMANN, MICHAEL, DE  
[72] TIEMESSEN, HARRY, DE  
[71] LTS LOHMANN THERAPIE-SYSTEME GMBH & CO. KG, DE  
[71] NOVARTIS AG, CH  
[85] 2000-06-19  
[86] 1999-01-08 (PCT/EP99/00078)  
[87] 1999-07-15 (WO99/34782)  
[30] GB (9800526.7) 1998-01-12

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[21] **2,315,786**  
[13] A1  
[51] **Int.Cl. 6G01S 7/35 6H03D 9/06 6G01S 13/34 6G01S 7/40**  
[25] EN  
[54] **FMCW SENSOR**  
[54] **DETECTEUR A ONDES ENTRETENUES A MODULATION DE FREQUENCE (FMCW)**  
[72] NALEZINSKI, MARTIN, DE  
[72] HEIDE, PATRIC, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2000-06-19  
[86] 1998-07-31 (PCT/DE98/02198)  
[87] 1999-03-04 (WO99/10756)  
[30] DE (197 37 385.2) 1997-08-27

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[21] **2,315,787**  
[13] A1  
[51] **Int.Cl. 6B65D 85/72**  
[25] EN  
[54] **STRAW/PRIZE DISPENSING CONTAINER**  
[54] **CONTENEUR A DISTRIBUTEUR DE PAILLE/LEVIER**  
[72] TAYLOR, JON, US  
[72] MURPHY, PETER F., US  
[72] CORNELL, STEPHEN W., US  
[71] THE POPSTRAW COMPANY, LLC, US  
[85] 2000-06-16  
[86] 1998-12-16 (PCT/US98/26747)  
[87] 1999-06-24 (WO99/30988)  
[30] US (08/992,301) 1997-12-17

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[13] A1  
[51] **Int.Cl. 6C12N 9/16 6C12N 15/11 6A61K 39/395 6C07K 16/40 6A61K 38/46 6G01N 33/53 6C12N 15/55 6C12Q 1/68 6A61K 31/70**  
[25] EN  
[54] **HUMAN NUCLEOTIDE PYROPHOSPHOHYDROLASE-2**  
[54] **NUCLEOTIDE PYROPHOSPHOHYDROLASE-2 HUMAINE**  
[72] HUTCHINSON, NANCY, US  
[72] MITCHELL, PETER G., US  
[72] YOCUM, SUE A., US  
[72] MURRY, LYNN E., US  
[72] LAWTON, MICHAEL, US  
[72] SCHAFFER, PAUL, US  
[72] MAGNA, HOLLY, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2000-06-21  
[86] 1998-12-02 (PCT/US98/25558)  
[87] 1999-07-01 (WO99/32610)  
[30] US (08/996,083) 1997-12-22

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[21] **2,315,789**  
[13] A1  
[51] **Int.Cl. 6D21D 5/02**  
[25] EN  
[54] **SCREENING DEVICE**  
[54] **DISPOSITIF DE TAMISAGE**  
[72] LINDBERG, ERKKI, FI  
[72] LAAKSO, TAUNO, FI  
[71] VALMET FIBERTECH AB, SE  
[85] 2000-06-16  
[86] 1998-11-17 (PCT/SE98/02064)  
[87] 1999-07-01 (WO99/32711)  
[30] SE (9704808-6) 1997-12-19

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[21] **2,315,790**  
[13] A1  
[51] **Int.Cl. 6A61K 35/56 6C12N 5/06 6A61K 35/62**  
[25] EN  
[54] **USE OF PARASITIC BIOLOGICAL AGENTS FOR PREVENTION AND CONTROL OF AUTOIMMUNE DISEASES**  
[54] **UTILISATION D'AGENTS BIOLOGIQUES PARASITAIRES PERMETTANT DE PREVENIR ET DE LUTTER CONTRE LES MALADIES AUTO-IMMUNES**  
[72] WEINSTOCK, JOEL V., US  
[72] ELLIOTT, DAVID E., US  
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US  
[85] 2000-06-16  
[86] 1998-12-11 (PCT/US98/26458)  
[87] 1999-07-08 (WO99/33479)  
[30] US (60/070,147) 1997-12-31

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[21] **2,315,791**  
[13] A1  
[51] **Int.Cl. 6H01P 7/06**  
[25] EN  
[54] **ELECTROMAGNETIC RESONATOR**  
[54] **RESONATEUR ELECTROMAGNETIQUE**  
[72] REMILLARD, STEPHEN K., US  
[72] WINANDY, PETER, US  
[72] ORTENBERG, NIKOLAY, US  
[72] FREEMAN, EDWARD A., US  
[72] RICHIED, DONALD E., US  
[72] HODGE, JAMES D., US  
[71] ILLINOIS SUPERCONDUCTOR CORPORATION, US  
[85] 2000-06-16  
[86] 1999-01-19 (PCT/US99/01068)  
[87] 1999-07-22 (WO99/36985)  
[30] US (09/008,740) 1998-01-19

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[21] **2,315,792**  
[13] A1  
[51] **Int.Cl. 6C25D 11/06**  
[25] EN  
[54] **METHOD FOR PRODUCING HARD PROTECTION COATINGS ON ARTICLES MADE OF ALUMINIUM ALLOYS**  
[54] **PROCEDE PERMETTANT D'OBTENIR DES REVETEMENTS DE PROTECTION DURS SUR DES ARTICLES FAITS D'ALLIAGES D'ALUMINIUM**  
[72] SHATROV, ALEXANDR SERGEEVICH, RU  
[71] ISLE COAT LIMITED, GB  
[85] 2000-06-16  
[86] 1997-12-17 (PCT/RU97/00408)  
[87] 1999-06-24 (WO99/31303)

[21] **2,315,793**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/00**  
[25] EN  
[54] **SCALABLE WIRELESS COMMUNICATION NETWORK AND METHOD**  
[54] **PROCEDE ET RESEAU EVOLUTIF DE COMMUNICATION SANS FIL**  
[72] MACKENZIE, ARMIDA R., US  
[72] PEDZIWIATR, JOSEPH M., US  
[72] STEINBERG, PAUL D., US  
[71] MOTOROLA INC., US  
[85] 2000-06-16  
[86] 1998-08-21 (PCT/US98/17481)  
[87] 1999-07-01 (WO99/33286)  
[30] US (08/994,587) 1997-12-19

[21] **2,315,794**  
[13] A1  
[51] **Int.Cl. 6A01J 5/007**  
[25] EN  
[54] **A METHOD AND AN APPARATUS FOR SEPARATION OF FOREMILK**  
[54] **PROCEDE ET APPAREIL DE SEPARATION DU PREMIER LAIT**  
[72] LINDHOLM, LEIF, SE  
[72] PETTERSON, TORBJORN, SE  
[72] ANDERSSON, LARS, SE  
[72] AXELSSON, THOMAS, SE  
[72] HANSSON, PERNILLA, SE  
[72] HELLEKANT, OTTO, SE  
[72] LUNDWALL, JONAS, SE  
[71] DELAVAL HOLDING AB, SE  
[85] 2000-06-16  
[86] 1998-12-21 (PCT/SE98/02409)  
[87] 1999-07-01 (WO99/31966)  
[30] SE (9704781-5) 1997-12-19

[21] **2,315,795**  
[13] A1  
[51] **Int.Cl. 6H03M 13/12 6H03M 13/00 6H04L 27/34**  
[25] EN  
[54] **CODING METHOD AND APPARATUS**  
[54] **PROCEDE ET APPAREIL DE CODAGE**  
[72] RICE, MARK, AU  
[72] FARRELL, WADE NICHOLAS, AU  
[71] INMARSAT LTD., GB  
[85] 2000-06-16  
[86] 1997-12-24 (PCT/GB97/03551)  
[87] 1999-07-08 (WO99/34521)

[21] **2,315,796**  
[13] A1  
[51] **Int.Cl. 6C07H 15/10 6C12N 1/14 6C12P 19/44 6A61K 31/71**  
[25] EN  
[54] **NOVEL SUBSTANCES KF-1040 AND PROCESS FOR PRODUCING THE SAME**  
[54] **NOUVELLES SUBSTANCES KF-1040 ET LEUR PROCEDE DE FABRICATION**  
[72] MASUMA, ROKURO, JP  
[72] OMURA, SATOSHI, JP  
[72] TOMODA, HIROSHI, JP  
[71] THE KITASATO INSTITUTE, JP  
[85] 2000-06-16  
[86] 1998-02-16 (PCT/JP98/00614)  
[87] 1999-08-19 (WO99/41265)

[21] **2,315,797**  
[13] A1  
[51] **Int.Cl. 6C23C 2/00 6C23C 2/02**  
[25] EN  
[54] **METHOD FOR PRODUCING A STRIP-LIKE METAL COMPOSITE BY HIGH TEMPERATURE DIP COATING**  
[54] **PROCEDE DE PRODUCTION D'UNE MATIERE COMPOSITE METALLIQUE EN RUBAN PAR APPLICATION D'UN RECOUVREMENT PAR IMMERSION A HAUTE TEMPERATURE**  
[72] REICHEL, WOLFGANG, DE  
[72] SENK, DIETER, DE  
[72] SCHMITZ, WILHELM, DE  
[72] BUNTEN, ROLF, DE  
[72] URLAU, ULRICH, DE  
[72] FRIEDEL, FRANK, DE  
[72] SPLINTER, PAUL, DE  
[72] PICHT, OLIVER, DE  
[72] BLECK, WOLFGANG, DE  
[71] SMS DEMAG AG, DE  
[71] THYSSEN KRUPP STAHL AG, DE  
[85] 2000-06-16  
[86] 1998-12-15 (PCT/DE98/03764)  
[87] 1999-07-01 (WO99/32683)  
[30] DE (19758140.4) 1997-12-19

[21] **2,315,798**  
[13] A1  
[51] **Int.Cl. 6F21V 35/00**  
[25] EN  
[54] **VOTIVE CANDLE HOLDER LID, CANDLE PACKAGE AND RELATED METHOD**  
[54] **COUVERCLE DE BOUGEOIR POUR BOUGIE PARFUMEE, CONDITIONNEMENT DE BOUGIE ET PROCEDE CORRESPONDANT**  
[72] SCHULTZ, MARISSA A. K., US  
[72] DAVISON, MARIANNE D., US  
[71] S. C. JOHNSON & SON, INC., US  
[85] 2000-06-16  
[86] 1998-12-17 (PCT/US98/26968)  
[87] 1999-07-01 (WO99/32826)  
[30] US (08/994,311) 1997-12-19

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,315,799</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/48 6A61K 7/32</b> [25] EN [54] <b>NON-WHITENING UNDERARM COMPOSITIONS</b> [54] <b>COMPOSITIONS POUR AISSELLES NE LAISSANT PAS DE TRACE BLANCHE</b> [72] BREWSTER, DAVID ALLEN, US [71] UNILEVER PLC, GB [85] 2000-06-16 [86] 1998-12-08 (PCT/EP98/08148) [87] 1999-07-08 (WO99/33440) [30] US (08/997679) 1997-12-23</p>	<p style="text-align: right;">[21] <b>2,315,802</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 5/00</b> [25] EN [54] <b>TWO COMPONENT DISPENSER SYSTEM</b> [54] <b>SYSTEME DE DISTRIBUTION A DEUX ELEMENTS</b> [72] TOVEY, H. JONATHAN, US [72] ARANYI, ERNIE, US [72] ROBY, MARK S., US [72] YAGAMI, RICHARD, US [71] UNITED STATES SURGICAL CORPORATION, US [85] 2000-06-16 [86] 1998-12-18 (PCT/US98/27079) [87] 1999-07-01 (WO99/32173) [30] US (60/068,220) 1997-12-19 [30] US (60/068,218) 1997-12-19</p>	<p style="text-align: right;">[21] <b>2,315,805</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07F 17/00 6C08F 10/02</b> [25] EN [54] <b>.PI-COMPLEX COMPOUNDS DERIVING FROM PAPER COMPLEXE .PI.</b> [72] SCHERTL, PETER, CA [72] KELLY, WARREN MARK, DE [72] OSTOJA-STARZEWSKI, KARL-HEINZ ALEKSANDER, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2000-06-20 [86] 1998-12-10 (PCT/EP98/08074) [87] 1999-07-08 (WO99/33852) [30] DE (197 57 524.2) 1997-12-23</p>
<p style="text-align: right;">[21] <b>2,315,800</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A41B 9/14 6A41B 11/04 6A41B 11/12</b> [25] EN [54] <b>IMPROVEMENTS IN HOSIERY</b> [54] <b>AMELIORATIONS DANS LE DOMAINE DE LA BONNETERIE</b> [72] PALMER, VANESSA, US [71] HIPPIES PTY. LTD., AU [85] 2000-06-16 [86] 1998-12-23 (PCT/AU98/01062) [87] 1999-07-08 (WO99/33366) [30] AU (PP 1120) 1997-12-24 [30] AU (PP 3776) 1998-05-29 [30] AU (PP 4845) 1998-07-27 [30] AU (PP 5072) 1998-08-06</p>	<p style="text-align: right;">[21] <b>2,315,803</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/44 6A61F 2/46</b> [25] EN [54] <b>PARTIAL DISCAL PROSTHESIS</b> [54] <b>PROTHESE DISCALE PARTIELLE</b> [72] GRAF, HENRY, FR [71] SOFAMOR DANEEK HOLDINGS, INC., US [85] 2000-06-16 [86] 1998-12-18 (PCT/FR98/02798) [87] 1999-07-01 (WO99/32054) [30] FR (97/16548) 1997-12-19 [30] FR (98/03268) 1998-03-12</p>	<p style="text-align: right;">[21] <b>2,315,807</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C02F 11/14</b> [25] EN [54] <b>DEWATERING OF SLUDGES DERIVING FROM PAPER INDUSTRY</b> [54] <b>DESHYDRATATION DE BOUES PROVENANT DE L'INDUSTRIE DU PAPIER</b> [72] TREMONT, STEPHEN ROBERT, US [72] KUMPERA, VICTOR, CA [71] CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED, GB [85] 2000-06-20 [86] 1999-01-07 (PCT/GB99/00051) [87] 1999-07-15 (WO99/35098) [30] GB (9800497.1) 1998-01-09</p>
<p style="text-align: right;">[21] <b>2,315,801</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11C 5/00</b> [25] EN [54] <b>AIR FRESHENER TAPER CANDLE PRODUCT</b> [54] <b>BOUGIE TRONCONIQUE DESODORISANTE</b> [72] ADAMS, MARY BETH, US [72] REQUEJO, LUZ P., US [72] ZAUNBRECHER, JUDITH R., US [71] S. C. JOHNSON &amp; SON, INC., US [85] 2000-06-16 [86] 1998-12-17 (PCT/US98/26840) [87] 1999-06-24 (WO99/31206) [30] US (08/992,389) 1997-12-17</p>	<p style="text-align: right;">[21] <b>2,315,804</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G08B 23/00</b> [25] EN [54] <b>SATELLITE RELAY COLLAR AND PROGRAMMABLE ELECTRONIC BOUNDARY SYSTEM FOR THE CONTAINMENT OF ANIMALS</b> [54] <b>COLLIER DE RELAIS SATELLITE ET SYSTEME ELECTRONIQUE PROGRAMMABLE ETABLISSANT DES LIMITES DE CONFINEMENT POUR ANIMAUX</b> [72] PEINETTI, DONALD L., US [72] MELLINGER, RICHARD D., US [72] TOUCHTON, SCOTT F., US [71] IFCO ENTERPRISES, INC., US [85] 2000-06-16 [86] 1998-12-18 (PCT/US98/27037) [87] 1999-07-01 (WO99/33039) [30] US (08/995,084) 1997-12-19</p>	<p style="text-align: right;">[21] <b>2,315,808</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01B 3/44</b> [25] EN [54] <b>AN ELECTRIC DC-CABLE WITH AN INSULATION SYSTEM</b> [54] <b>CABLE ELECTRIQUE POUR COURANT CONTINU DOTE D'UN SYSTEME D'ISOLATION</b> [72] GUSTAFSSON, ANDERS, SE [72] FARKAS, ANDREAS, SE [72] CAMPUS, ALFRED, CH [72] BOSTROM, JAN-OVE, SE [72] ERICSSON, ANDERS, SE [72] GUSTAFSSON, BILL, SE [72] NILSSON, ULF, SE [72] CARSTENSEN, PETER, SE [71] ABB AB, SE [85] 2000-06-21 [86] 1998-12-22 (PCT/SE98/02432) [87] 1999-07-01 (WO99/33069) [30] SE (9704825-0) 1997-12-22</p>



## PCT Applications Entering the National Phase

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[21] **2,315,809**  
[13] A1

[51] **Int.Cl. 6G01N 1/31**  
[25] EN  
[54] **CARTRIDGE DEVICE FOR PROCESSING A SAMPLE MOUNTED ON A SURFACE OF A SUPPORT MEMBER**  
[54] **DISPOSITIF A CARTOUCHE POUR TRAITER UN ECHANTILLON MONTE SUR UNE SURFACE D'UN ELEMENT DE SUPPORT**  
[72] BARGOOT, FREDERICK G., US  
[72] PLUZEK, KARL-JOHAN, DK  
[71] DAKO A/S, DK  
[85] 2000-06-21  
[86] 1998-12-23 (PCT/DK98/00580)  
[87] 1999-07-08 (WO99/34190)  
[30] DK (1516/97) 1997-12-23

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[21] **2,315,810**  
[13] A1

[51] **Int.Cl. 6C08G 8/10**  
[25] EN  
[54] **FIBER GLASS BINDER COMPOSITIONS AND PROCESS THEREFOR**  
[54] **COMPOSITIONS LIANTES A BASE DE FIBRES DE VERRE ET PROCEDE AFFERENT**  
[72] HELBING, CLARENCE, US  
[71] KNAUF FIBER GLASS GMBH, US  
[85] 2000-06-21  
[86] 1998-10-09 (PCT/US98/21404)  
[87] 1999-11-25 (WO99/60043)  
[30] US (60/085,890) 1998-05-18

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[21] **2,315,811**  
[13] A1

[51] **Int.Cl. 7A63B 41/08**  
[25] EN  
[54] **GAME BALL WITH IMPROVED MOISTURE RESISTANCE**  
[54] **BALLON DE JEU PRESENTANT UNE RESISTANCE ACCRUE A L'HUMIDITE**  
[72] FEENEY, BRIAN, US  
[72] WALDECK, CHRIS, US  
[71] SPALDING SPORTS WORLDWIDE, INC., US  
[85] 2000-06-21  
[86] 1999-10-28 (PCT/US99/25219)  
[87] 2000-05-11 (WO00/25869)  
[30] US (09/184,369) 1998-11-02  
[30] US (09/248,595) 1999-02-11

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[21] **2,315,812**  
[13] A1

[51] **Int.Cl. 6G01N 21/64**  
[25] EN  
[54] **DETECTOR HAVING A TRANSMISSION GRATING BEAM SPLITTER FOR MULTI-WAVELENGTH SAMPLE ANALYSIS**  
[54] **DETECTEUR A RESEAU DE TRANSMISSION A SEPARATEUR DE FAISCEAU POUR L'ANALYSE D'ECHANTILLONS PAR FREQUENCES MULTIPLES**  
[72] LIU, CHANGSHENG, US  
[72] LI, QINGBO, US  
[71] SPECTRUMEDIX CORPORATION, US  
[85] 2000-06-21  
[86] 1998-12-22 (PCT/US98/27259)  
[87] 1999-07-01 (WO99/32877)  
[30] US (60/068,527) 1997-12-22  
[30] US (09/084,236) 1998-05-26

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[21] **2,315,813**  
[13] A1

[51] **Int.Cl. 6C08G 73/02 6D21H 11/14 6D21H 21/20 6D21H 17/55**  
[25] EN  
[54] **PROCESS OF REPULPING WET STRENGTH PAPER**  
[54] **PROCEDE DE DESINTEGRATION DE PAPIER RESISTANT A L'ETAT HUMIDE**  
[72] STAIB, RONALD R., US  
[71] HERCULES INCORPORATED, US  
[85] 2000-06-21  
[86] 1998-12-30 (PCT/US98/27537)  
[87] 1999-07-08 (WO99/33900)  
[30] US (09/001,803) 1997-12-31

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[21] **2,315,814**  
[13] A1

[51] **Int.Cl. 6G06K 9/60 6G06K 9/62 6G06K 9/70 6G06K 9/74**  
[25] EN  
[54] **ENERGY MINIMIZATION FOR CLASSIFICATION, PATTERN RECOGNITION, SENSOR FUSION, DATA COMPRESSION, NETWORK RECONSTRUCTION AND SIGNAL PROCESSING**  
[54] **MINIMISATION DE PUISSANCE APPLICABLE A LA CLASSIFICATION, A LA RECONNAISSANCE DE DIAGRAMMES, A LA FUSION DES DONNEES DE CAPTEURS, A LA COMPRESSION DE DONNEES, A LA RECONSTRUCTION DE RESEAUX ET AU TRAITEMENT DE SIGNAUX**  
[72] GLICKMAN, JEFF B., US  
[72] WOLMAN, ABEL, US  
[71] GLICKMAN, JEFF B., US  
[71] WOLMAN, ABEL, US  
[85] 2000-06-21  
[86] 1998-12-23 (PCT/US98/27374)  
[87] 1999-07-08 (WO99/34316)  
[30] US (60/071,592) 1997-12-29

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[21] **2,315,816**  
[13] A1

[51] **Int.Cl. 7B21D 5/08 7B21D 28/00**  
[25] EN  
[54] **ROLL FORMING LINE WITH PUNCHING TOOL**  
[54] **LIGNE DE PROFILAGE AVEC POINCONNAGE PAR OUTIL**  
[72] CANT, STEPHEN ALFRED, GB  
[71] THE BRONX ENGINEERING COMPANY LIMITED, GB  
[85] 2000-06-21  
[86] 1998-10-21 (PCT/GB98/03126)  
[87] 2000-04-27 (WO00/23209)

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[21] **2,315,817**  
[13] A1

[51] **Int.Cl. 6B66B 11/00 6B66B 11/08**  
[25] EN  
[54] **CABLE ELEVATOR WITH A DRIVE PLATE**  
[54] **ASCENSEUR A CABLES AVEC POULIE MOTRICE**  
[72] ACH, ERNST, CH  
[71] INVENTIO AG, CH  
[85] 2000-06-21  
[86] 1998-12-11 (PCT/CH98/00533)  
[87] 1999-07-08 (WO99/33742)  
[30] EP (97811016.1) 1997-12-23

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[21] **2,315,818**  
[13] A1

[51] **Int.Cl. 6A61K 9/08 6A61K 47/02 6A61K 47/18 6A61K 47/32 6A61K 31/47**  
[25] EN  
[54] **WATER-SOLUBLE EYE DROP GOUTTES OCULAIRES SOLUBLES DANS L'EAU**  
[72] SUGAHARA, YUJI, JP  
[72] ODOMI, MASAOKI, JP  
[72] SAKATA, KAZUYA, JP  
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP  
[85] 2000-06-21  
[86] 1998-12-16 (PCT/JP98/05699)  
[87] 1999-07-01 (WO99/32087)  
[30] JP (9/353039) 1997-12-22  
[30] JP (10/298550) 1998-10-20

[21] **2,315,819**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6G01N 33/53**  
[25] EN  
[54] **SCREENING FOR NOVEL COMPOUNDS WHICH REGULATE BIOLOGICAL INTERACTIONS**  
[54] **CRIBLAGE DE NOUVEAUX COMPOSES AYANT UNE ACTION DE REGULATION DES INTERACTIONS BIOLOGIQUES**  
[72] SHORT, JAY M., US  
[71] DIVERSA CORPORATION, US  
[85] 2000-04-14  
[86] 1998-10-15 (PCT/US98/21895)  
[87] 1999-04-22 (WO99/19518)  
[30] US (60/062,073) 1997-10-15

[21] **2,315,820**  
[13] A1

[51] **Int.Cl. 6C08F 2/46 6C08G 83/00 6B32B 7/10 6C07C 255/51**  
[25] EN  
[54] **PHTHALONITRILE PREPOLYMERIZATION COMPOSITION**  
[54] **COMPOSITION DE PREPOLYMERISATION A BASE DE PHTALONITRILE**  
[72] KELLER, TEDDY M., US  
[72] SASTRI, SATYA B., US  
[71] THE GOVERNMENT OF THE UNITED STATES AS REPRESENTED BY THE SECRETARY OF T, US  
[85] 2000-06-06  
[86] 1999-01-13 (PCT/US99/00817)  
[87] 1999-07-22 (WO99/36446)  
[30] US (09/007,826) 1998-01-15

[21] **2,315,821**  
[13] A1

[51] **Int.Cl. 6C07F 9/40 6C07F 9/09 6C07F 9/6571 6C07F 9/6574 6A61K 31/66**  
[25] EN  
[54] **NOVEL .BETA.-LACTAMASE AND DD-PEPTIDASE INHIBITORS**  
[54] **NOUVEAUX INHIBITEURS DE .BETA.-LACTAMASES ET DE DD-PEPTIDASES**  
[72] BESTERMAN, JEFFREY M., CA  
[72] RAHIL, JUBRAIL, CA  
[72] PRATT, REX, US  
[71] WESLEYAN UNIVERSITY, US  
[71] METHYLGENE, INC., CA  
[85] 2000-06-21  
[86] 1998-12-23 (PCT/US98/27518)  
[87] 1999-07-08 (WO99/33850)  
[30] US (60/068,837) 1997-12-24

[21] **2,315,822**  
[13] A1

[51] **Int.Cl. 6D06C 21/00 6D06C 29/00 6D06F 58/00 6D06C 23/04**  
[25] EN  
[54] **HEATING SYSTEM FOR COMPRESSIVE SHRINKAGE MACHINES**  
[54] **SYSTEME DE CHAUFFAGE POUR MACHINES DE RETRAIT PAR COMPRESSION**  
[72] MILLER, BARRY D., US  
[72] RUMBLE, GAVIN B., US  
[72] HUGHES, ROBERT J., US  
[72] ALLISON, EARL S., US  
[71] TUBULAR TEXTILE LLC, US  
[85] 2000-06-09  
[86] 1998-12-09 (PCT/US98/26204)  
[87] 1999-06-24 (WO99/31311)  
[30] US (60/069,376) 1997-12-12

[21] **2,315,823**  
[13] A1

[51] **Int.Cl. 6H04Q 7/38**  
[25] EN  
[54] **LOCATION MANAGEMENT IN A MOBILE TELECOMMUNICATION SYSTEM**  
[54] **GESTION DE LOCALISATION DANS UN SYSTEME DE TELECOMMUNICATION MOBILE**  
[72] NIEMI, JUHAPEKKA, FI  
[72] BACK, JUHA, FI  
[72] KESKINEN, MATTI, FI  
[72] SODERBACKA, LAURI, FI  
[72] HAUMONT, SERGE, FI  
[72] HARTIKAINEN, JARI, FI  
[72] LINDHOLM, HEIKKI, FI  
[71] NOKIA NETWORKS OY, FI  
[85] 2000-06-12  
[86] 1998-12-11 (PCT/FI98/00971)  
[87] 1999-06-24 (WO99/31917)  
[30] FI (974502) 1997-12-12

[21] **2,315,825**  
[13] A1

[51] **Int.Cl. 6B62M 1/08 6B62M 1/02 6B62K 5/04 6B62K 3/10**  
[25] EN  
[54] **TWO OR THREE-WHEELED VEHICLE**  
[54] **VEHICULE A DEUX OU TROIS ROUES**  
[72] LANGEN, CHRISTIANUS PETRUS, NL  
[71] LANGENBERG B.V., NL  
[85] 2000-06-13  
[86] 1998-12-22 (PCT/NL98/00726)  
[87] 1999-07-08 (WO99/33696)  
[30] NL (1007924) 1997-12-29

## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,315,826</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 223/12 6A61K 31/55</b> [25] EN [54] <b>CARBOXYL ACID SUBSTITUTED HETEROCYCLES AS METALLOPROTEINASE INHIBITORS</b> [54] <b>COMPOSES HETEROCYCLIQUES SUSBSTITUES PAR ACIDE CARBOXYLIQUE EN TANT QU'INHIBITEURS DE METALLOPROTEASE</b> [72] JOSEY, JOHN A., US [72] TERMIN, ANDREAS, US [72] KOCH, KEVIN, US [71] AMGEN INC., US [85] 2000-06-13 [86] 1998-12-18 (PCT/US98/27082) [87] 1999-07-01 (WO99/32452) [30] US (60/068,200) 1997-12-19 [30] US (09/213,031) 1998-12-16</p>	<p style="text-align: center;">[21] <b>2,315,828</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 67/26 6C07C 69/28 6C07C 69/52</b> [25] EN [54] <b>METHOD FOR PRODUCING ALKOXYLATED DIMER FATTY ACIDS</b> [54] <b>PROCEDE DE PRODUCTION D'ACIDES GRAS DIMERES ALCOCYLES</b> [72] RATHS, HANS-CHRISTIAN, DE [72] ROEDER, JUERGEN, DE [72] BEHLER, ANSGAR, DE [72] BONGARDT, FRANK, DE [71] COGNIS DEUTSCHLAND GMBH, US [85] 2000-06-13 [86] 1998-12-04 (PCT/EP98/07907) [87] 1999-06-24 (WO99/31040) [30] DE (197 55 559.4) 1997-12-13</p>	<p style="text-align: center;">[21] <b>2,315,835</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 207/323 6A61K 31/40</b> [25] EN [54] <b>NEW CRYSTALLINE POLYMORPHIC FORM OF 1-METHYL-5-P-TOLUOYLPYRROLE-2-ACETAMIDOACETIC ACID GUAIACYL ESTER (MED 15)</b> [54] <b>NOUVELLE FORME CRISTALLINE POLYMORPHE D'ESTER GUAIACYLE D'ACIDE 1-METHYL-5-P-TOLUOYLPYRROLE-2-ACETAMIDO-ACETIQUE</b> [72] ANZALONE, SERGIO, IT [71] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., IT [71] MEDOSAN INDUSTRIE BIOCHIMICHE RIUNITE SRL, IT [85] 2000-06-21 [86] 1998-12-16 (PCT/IT98/00363) [87] 1999-07-08 (WO99/33797) [30] IT (RM97A000811) 1997-12-24</p>
<p style="text-align: center;">[21] <b>2,315,827</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 213/74 6C07D 401/04 6C07D 403/04 6C07D 401/14 6C07D 403/14 6C07D 405/14 6C07D 409/14 6A61K 31/44 6A61K 31/50 6C07D 213/64</b> [25] EN [54] <b>SUBSTITUTED PYRIDINE AND PYRIDAZINE COMPOUNDS AND THEIR PHARMACEUTICAL USE</b> [54] <b>COMPOSE DE PYRIDINE ET DE PYRIDAZINE SUBSTITUEES ET LEURS UTILISATIONS PHARMACEUTIQUES</b> [72] SPOHR, ULRIKE D., US [72] MANTLO, NATHAN B., US [72] HWANG, CHAN KOU, US [71] AMGEN INC., US [85] 2000-06-13 [86] 1998-12-21 (PCT/US98/27298) [87] 1999-07-01 (WO99/32448) [30] US (60/068,199) 1997-12-19 [30] US (09/215,426) 1998-12-18</p>	<p style="text-align: center;">[21] <b>2,315,829</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/57 6A61K 31/56 6A61K 31/575</b> [25] EN [54] <b>ANGIOSTATIC AGENTS AND COMPOSITIONS FOR CONTROLLING OCULAR HYPERTENSION</b> [54] <b>AGENTS ANGIOSTATIQUES ET COMPOSITIONS PERMETTANT DE LUTTER CONTRE L'HYPERTENSION INTRA-OCULAIRE</b> [72] CLARK, ABBOT F., US [71] ALCON LABORATORIES, INC., US [85] 2000-06-15 [86] 1998-12-07 (PCT/US98/25913) [87] 1999-07-01 (WO99/32127) [30] US (08/994,114) 1997-12-19</p>	<p style="text-align: center;">[21] <b>2,315,836</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B21B 37/64 6B21B 31/16</b> [25] EN [54] <b>METHOD TO ELIMINATE THE PLAY BETWEEN CHOCKS AND RELATIVE SUPPORT BLOCKS IN FOUR-HIGH ROLLING STANDS AND RELATIVE DEVICE</b> [54] <b>PROCEDE POUR ELIMINER LE JEU ENTRE LES EMPOISES ET LES BLOCS DE SUPPORT RESPECTIFS DANS DES COLONNES DE CAGES DE LAMINOIR, ET DISPOSITIF ASSOCIE</b> [72] DONINI, ESTORE, IT [72] DAL PAN, GIACINTO, IT [71] DANIELI &amp; C. OFFICINE MECCANICHE S.P.A., IT [85] 2000-06-21 [86] 1998-12-22 (PCT/IB98/02103) [87] 1999-07-08 (WO99/33587) [30] IT (UD97A000242) 1997-12-24</p>
	<p style="text-align: center;">[21] <b>2,315,832</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G10L 5/06</b> [25] EN [54] <b>SYSTEM FOR USING SILENCE IN SPEECH RECOGNITION</b> [54] <b>SYSTEME D'UTILISATION DU SILENCE DANS LA RECONNAISSANCE VOCALE</b> [72] JIANG, LI, US [71] MICROSOFT CORPORATION, US [85] 2000-06-22 [86] 1999-02-09 (PCT/US99/02803) [87] 1999-08-26 (WO99/42991) [30] US (09/026,841) 1998-02-20</p>	

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<p style="text-align: right;">[21] <b>2,315,838</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C02F 3/12</b> [25] EN [54] <b>WELL-MIXED FLOW BIOREACTOR FOR AEROBIC TREATMENT OF AQUEOUS WASTES AT HIGH ORGANIC AND SOLIDS LOADINGS</b> [54] <b>BIOREACTEUR A ECOULEMENT BIEN MELANGE POUR TRAITEMENT AEROBIE DE DECHETS AQUEUX AVEC DES CHARGES ORGANIQUES ET SOLIDES ELEVEES</b> [72] PELLETIER, DENIS, CA [71] DESSAU SOPRIN, CA [85] 2000-06-21 [86] 1998-11-18 (PCT/CA98/01076) [87] 1999-05-27 (WO99/25657) [30] CA (2,221,407) 1997-11-18</p>	<p style="text-align: right;">[21] <b>2,315,843</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/40</b> [25] EN [54] <b>S-PROCYCLIDINE FOR TREATING URINARY INCONTINENCE</b> [54] <b>PROCYCLIDINE-S AUX FINS DU TRAITEMENT DE L'INCONTINENCE URINAIRE</b> [72] MCCULLOUGH, JOHN R., US [72] FABIANO, VINCENT L., US [71] SEPRACOR INC., US [85] 2000-06-21 [86] 1998-12-29 (PCT/US98/27708) [87] 1999-07-08 (WO99/33454) [30] US (60/070,170) 1997-12-31</p>	<p style="text-align: right;">[21] <b>2,315,854</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01V 1/28</b> [25] EN [54] <b>MARINE SEISMIC SYSTEM</b> [54] <b>SYSTEME SISMIQUE MARIN</b> [72] AMBS, LORAN D., US [71] WESTERN ATLAS INTERNATIONAL, INC., US [85] 2000-06-21 [86] 1998-12-21 (PCT/US98/27173) [87] 1999-07-08 (WO99/34238) [30] US (09/000,769) 1997-12-30</p>
<p style="text-align: right;">[21] <b>2,315,840</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/40</b> [25] EN [54] <b>R-PROCYCLIDINE FOR TREATING URINARY INCONTINENCE</b> [54] <b>R-PROCYCLIDINE UTILISEE DANS LE TRAITEMENT DE L'INCONTINENCE URINAIRE</b> [72] FABIANO, VINCENT L., US [72] MCCULLOUGH, JOHN R., US [71] SEPRACOR INC., US [85] 2000-06-21 [86] 1998-12-29 (PCT/US98/27704) [87] 1999-07-08 (WO99/33453) [30] US (60/070,273) 1997-12-31</p>	<p style="text-align: right;">[21] <b>2,315,845</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09C 1/62 6C04B 14/20</b> [25] EN [54] <b>BRIGHT METAL FLAKE</b> [54] <b>LAMELLE METALLIQUE BRILLANTE</b> [72] MAYER, THOMAS, US [72] PHILLIPS, ROGER W., US [72] COULTER, KENT, US [71] FLEX PRODUCTS, INC., US [85] 2000-06-21 [86] 1998-11-09 (PCT/US98/23761) [87] 1999-07-15 (WO99/35194) [30] US (09/005,064) 1998-01-09</p>	<p style="text-align: right;">[21] <b>2,315,861</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61N 1/00</b> [25] EN [54] <b>MAGNETIC NERVE STIMULATOR FOR EXCITING PERIPHERAL NERVES</b> [54] <b>NEUROSTIMULATEUR MAGNETIQUE PERMETTANT D'EXCITER LES NERFS PERIPHERIQUES</b> [72] EPSTEIN, CHARLES M., US [72] DAVEY, KENT R., US [71] NEOTONUS, INC., US [85] 2000-06-16 [86] 1998-12-30 (PCT/US98/27818) [87] 1999-07-08 (WO99/33516) [30] US (09/001,782) 1997-12-31</p>
<p style="text-align: right;">[21] <b>2,315,842</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/39</b> [25] EN [54] <b>APPARATUS FOR REDUCING TISSUE VOLUMES BY THE USE OF ENERGY</b> [54] <b>APPAREIL DE NECROSE CELLULAIRE</b> [72] HAGMANN, ADAM, US [72] EDWARDS, STUART D., US [72] KAMDAR, KIRTI, US [71] SOMNUS MEDICAL TECHNOLOGIES, INC., US [85] 2000-06-21 [86] 1998-12-08 (PCT/US98/26144) [87] 1999-07-01 (WO99/32041) [30] US (08/997,224) 1997-12-23</p>	<p style="text-align: right;">[21] <b>2,315,853</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 51/43 6A01N 37/02</b> [25] EN [54] <b>NOVEL POLYETHOXYLATED CASTOR OIL, PROCESS OF MAKING THE SAME AND FORMULATIONS THEREOF</b> [54] <b>NOUVELLE HUILE DE RICIN POLYETHOXYLEE, PROCEDE DE FABRICATION ET FORMULATIONS A BASE DE CETTE DERNIERE</b> [72] BUTTERHOF, ROBERT C., US [72] NIKOLAYEV, ALEKSANDR, US [72] GARBER, MITCHELL, US [72] IYER, RUPA, US [72] SAMSON, MARVIN, US [72] SAYEED, FAKRUL, US [72] HOYER, TODD M., US [71] SCHEIN PHARMACEUTICAL, INC., US [85] 2000-06-21 [86] 1998-04-28 (PCT/US98/08521) [87] 1999-07-08 (WO99/33780) [30] US (08/998,306) 1997-12-24</p>	<p style="text-align: right;">[21] <b>2,315,862</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29D 31/50 6A43B 13/18</b> [25] EN [54] <b>THE OUTSOLE OF SHOE, ITS MANUFACTURING METHOD, AND ITS MOLDING</b> [54] <b>SEMELLE EXTERIEURE DE CHAUSSURE, SON PROCEDE DE FABRICATION ET SON MOULE</b> [72] PARK, YOUNG SOUL, KR [71] PARK, YOUNG SOUL, KR [85] 2000-06-16 [86] 1998-12-29 (PCT/KR98/00482) [87] 1999-07-08 (WO99/33368) [30] KR (1997/82345) 1997-12-31 [30] KR (1998/17880) 1998-05-18 [30] KR (1998/27375) 1998-07-07 [30] KR (1998/27376) 1998-07-07</p>

## PCT Applications Entering the National Phase

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[21] **2,315,863**  
[13] A1  
[51] **Int.Cl. 6A61L 15/46 6A61F 13/15**  
[25] EN  
[54] **COMPACTED ODOUR CONTROL PARTICLES FOR USE IN ABSORBENT ARTICLES**  
[54] **PARTICULES DESODORISANTES COMPACTEES POUR ARTICLES ABSORBANTS**  
[72] CARLUCCI, GIOVANNI, IT  
[72] DIVO, MICHAEL, DE  
[72] GAGLIARDI, IVANO, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-06-19  
[86] 1998-12-09 (PCT/US98/26170)  
[87] 1999-06-24 (WO99/30754)  
[30] EP (97122343.3) 1997-12-18

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[21] **2,315,864**  
[13] A1  
[51] **Int.Cl. 6D21F 11/14 6D21F 5/00**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR MAKING FORESHORTENED CELLULOSIC STRUCTURE**  
[54] **PROCEDE ET APPAREIL POUR LA FABRICATION DE STRUCTURE CELLULOSIQUE RACCOURCIE**  
[72] HUSTON, LARRY LERCY, US  
[72] STELLIES, MICHAEL GOMER JR., US  
[72] RICHARDS, MARK RYAN, US  
[72] MCLAUGHLIN, CAROL ANN, US  
[72] TROKHAN, PAUL DENNIS, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-06-19  
[86] 1998-12-14 (PCT/US98/26459)  
[87] 1999-07-01 (WO99/32716)  
[30] US (08/994,927) 1997-12-19

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[21] **2,315,865**  
[13] A1  
[51] **Int.Cl. 6F27B 7/20 6F27D 13/00 6C04B 7/43**  
[25] EN  
[54] **KILN PLANT AND METHOD FOR MANUFACTURING CEMENT**  
[54] **INSTALLATION DE GRILLAGE ET PROCEDE DE FABRICATION DE CIMENT**  
[72] HUNDEBOL, SOREN, DK  
[71] F.L. SMIDTH & CO. A/S, DK  
[85] 2000-06-21  
[86] 1999-01-26 (PCT/EP99/00487)  
[87] 1999-08-12 (WO99/40040)  
[30] DK (0153/98) 1998-02-04

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[21] **2,315,870**  
[13] A1  
[51] **Int.Cl. 6A62B 18/08**  
[25] EN  
[54] **CREW OXYGEN MASK WITH IMPROVED COMFORT CONTROL APPARATUS**  
[54] **MASQUE A OXYGENE EQUIPAGE POURVU D'UN REGULATEUR ASSURANT UN CONFORT ACCRU**  
[72] FORD, MICHAEL D., US  
[72] HANNAH, GARY, US  
[71] BE INTELLECTUAL PROPERTY, INC., US  
[85] 2000-04-11  
[86] 1998-09-11 (PCT/US98/19035)  
[87] 1999-04-29 (WO99/20349)  
[30] US (08/954,459) 1997-10-20

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[21] **2,315,871**  
[13] A1  
[51] **Int.Cl. 6A61K 31/19 6A61K 31/557**  
[25] EN  
[54] **METHODS, COMPOSITIONS, AND KITS FOR ENHANCING FEMALE SEXUAL DESIRE AND RESPONSIVENESS**  
[54] **PROCEDES, COMPOSITIONS ET TROUSSES POUR STIMULER LE DESIR ET LA SENSIBILITE SEXUELS CHEZ LA FEMME**  
[72] NEAL, GARY W., US  
[71] ASIVI, LLC., US  
[85] 2000-05-23  
[86] 1998-10-20 (PCT/US98/21631)  
[87] 1999-04-29 (WO99/20266)  
[30] US (08/954,122) 1997-10-20

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[21] **2,315,872**  
[13] A1  
[51] **Int.Cl. 6H01T 19/04 6H01T 23/00**  
[25] EN  
[54] **METHOD AND DEVICE FOR ION GENERATION**  
[54] **PROCEDE ET DISPOSITIF UTILISES POUR PRODUIRE DES IONS**  
[72] RISKIN, YEFIM, IL  
[71] IONICS - IONIC SYSTEMS LTD., IL  
[85] 2000-05-05  
[86] 1997-11-10 (PCT/IL97/00363)  
[87] 1998-05-22 (WO98/21791)

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[21] **2,315,873**  
[13] A1  
[51] **Int.Cl. 6F16D 41/08 6F16D 15/00**  
[25] EN  
[54] **SPIRAL-TYPE COUPLING**  
[54] **MANCHON DE TYPE EN SPIRALE**  
[72] KERR, JOHN HUGH, CA  
[71] KERR, JOHN HUGH, CA  
[85] 2000-05-11  
[86] 1998-11-26 (PCT/CA98/01071)  
[87] 1999-06-10 (WO99/28644)  
[30] US (60/066,666) 1997-11-26

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[21] **2,315,874**  
[13] A1  
[51] **Int.Cl. 6F16H 61/60**  
[25] EN  
[54] **POWER TRANSFER DEVICE**  
[54] **DISPOSITIF DE TRANSFERT DE PUISSANCE**  
[72] KERR, JOHN HUGH, CA  
[71] KERR, JOHN HUGH, CA  
[85] 2000-05-11  
[86] 1998-11-26 (PCT/CA98/01073)  
[87] 1999-06-10 (WO99/28659)  
[30] US (60/066,666) 1997-11-26

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[21] **2,315,875**  
[13] A1  
[51] **Int.Cl. 6F16D 41/08 6F16D 15/00**  
[25] EN  
[54] **FULL-COMPLEMENT MULTIDIRECTIONAL COUPLING**  
[54] **MANCHON MULTIDIRECTIONNEL COMPLET**  
[72] KERR, JOHN HUGH, CA  
[71] KERR, JOHN HUGH, CA  
[85] 2000-05-11  
[86] 1998-11-26 (PCT/CA98/01072)  
[87] 1999-06-10 (WO99/28645)  
[30] US (60/066,666) 1997-11-26

## Demandes PCT entrant en phase nationale

[21] **2,315,876**  
[13] A1

[51] **Int.Cl. 6B29C 70/48 6E02D 29/14 6B29C 70/20**  
[25] EN  
[54] **PROCESS FOR THE FABRICATING OF REINFORCED PLASTIC DRAIN COVERS, AND REINFORCED PLASTIC DRAIN COVERS OBTAINED USING THIS PROCESS**  
[54] **PROCEDE POUR LA FABRICATION DES COUVERCLES DE DRAIN PLASTIQUES RENFORCES, ET COUVERCLES DE DRAIN PLASTIQUES RENFORCES OBTENUS EN UTILISANT CE PROCEDE**  
[72] DEBERGH, LUDO, BE  
[71] DEBERGH, LUDO, BE  
[85] 2000-06-13  
[86] 1998-12-08 (PCT/BE98/00195)  
[87] 1999-07-01 (WO99/32274)  
[30] BE (9701038) 1997-12-18

[21] **2,315,878**  
[13] A1

[51] **Int.Cl. 6C07K 5/107 6A61K 38/07 6C07K 5/117**  
[25] EN  
[54] **KAPPA RECEPTOR OPIOID PEPTIDES**  
[54] **PEPTIDES RECEPTEURS OPIOIDES KAPPA**  
[72] DIAZ, JAVIER SUEIRAS, US  
[72] SCHTEINGART, CLAUDIO D., US  
[72] JUNIEN, JEAN LOUIS, FR  
[72] RIVIERE, PIERRE J.M., US  
[72] TROJNAR, JERZY A., US  
[72] VANDERAH, TODD W., US  
[71] FERRING B.V., NL  
[85] 2000-06-13  
[86] 1998-12-22 (PCT/US98/27282)  
[87] 1999-07-01 (WO99/32510)  
[30] US (08/997,208) 1997-12-23

[21] **2,315,879**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6G01N 27/447 6C07K 14/705**  
[25] EN  
[54] **V201 DNA AND POLYPEPTIDES**  
[54] **ADN ET POLYPEPTIDES V201**  
[72] LYMAN, STEWART D., US  
[71] IMMUNEX CORPORATION, US  
[85] 2000-06-21  
[86] 1998-12-23 (PCT/US98/27626)  
[87] 1999-07-08 (WO99/33983)  
[30] US (60/068,739) 1997-12-24

[21] **2,315,880**  
[13] A1

[51] **Int.Cl. 6C12N 15/31 6C07K 19/00 6A61K 39/09 6C12N 1/21 6C07K 14/315 6C12N 15/70**  
[25] EN  
[54] **STREPTOCOCCAL HEAT SHOCK PROTEINS OF THE HSP60 FAMILY**  
[54] **PROTEINES DU STRESS STREPTOCOCCIQUES DE LA FAMILLE HSP60**  
[72] WISNIEWSKI, JAN, CA  
[72] MIZZEN, LEE, CA  
[71] STRESSGEN BIOTECHNOLOGIES CORPORATION, CA  
[85] 2000-06-22  
[86] 1998-12-29 (PCT/CA98/01203)  
[87] 1999-07-15 (WO99/35270)  
[30] US (09/001,737) 1997-12-31

[21] **2,315,881**  
[13] A1

[51] **Int.Cl. 6C08G 18/10 6C09J 175/04**  
[25] FR  
[54] **ADHESIF POLYURETHANE RETICULABLE PAR L'HUMIDITE POUR L'HYGIENE**  
[54] **MOISTURE-SETTING POLYURETHANE ADHESIVE FOR HYGIENE ARTICLES**  
[72] BAUDUIN, FRANCOIS, FR  
[72] BOUTTEFORT, PATRICK, FR  
[72] MISKOVIC, MICHEL, FR  
[72] CHARTREL, JEAN-FRANCOIS, FR  
[71] ATO FINDLEY S.A., FR  
[85] 2000-06-13  
[86] 1998-12-17 (PCT/FR98/02762)  
[87] 1999-07-01 (WO99/32535)  
[30] FR (97/16203) 1997-12-19

[21] **2,315,882**  
[13] A1

[51] **Int.Cl. 6B60P 1/52 6B60P 1/38 6B60P 1/64**  
[25] EN  
[54] **LOADING AND UNLOADING SYSTEM FOR CARGO TRUCKS, THEIR TRAILERS, TRANSPORT CONTAINERS AND THE LIKE**  
[54] **SYSTEME DE CHARGEMENT ET DE DECHARGEMENT POUR CAMIONS, LEURS REMORQUES, CONTENEURS DE TRANSPORTS ET SIMILAIRES**  
[72] KUCHLER, WOLFGANG, DE  
[71] TLS LOGISTIK GMBH, DE  
[85] 2000-06-15  
[86] 1998-12-18 (PCT/EP98/08348)  
[87] 1999-07-01 (WO99/32326)  
[30] DE (197 56 551.4) 1997-12-18

[21] **2,315,883**  
[13] A1

[51] **Int.Cl. 6A61K 38/00 6A61K 39/00 6A61K 51/00 6C07K 2/00 6C07K 4/00 6A01N 43/00 6A01N 55/02 6A61K 39/395 6A61K 39/44 6G01N 33/53 6G01N 33/543 6G01N 33/566**  
[25] EN  
[54] **MUSCARINIC RECEPTOR ANTAGONISTS**  
[54] **ANTAGONISTES DES RECEPTEURS MUSCARINIQUES**  
[72] AGGEN, JAMES, US  
[72] GRIFFIN, JOHN H., US  
[72] OARE, DAVID, US  
[72] MAMMEM, MATHAI, US  
[71] ADVANCED MEDICINE, INC., US  
[85] 2000-06-21  
[86] 1999-06-07 (PCT/US99/12733)  
[87] 1999-12-16 (WO99/64043)  
[30] US (60/088,466) 1998-06-08  
[30] US (60/092,938) 1998-07-15  
[30] US (60/120,287) 1999-02-16

[21] **2,315,887**  
[13] A1

[51] **Int.Cl. 6C07K 1/22 6C07K 1/16 6C07K 1/20 6C07K 1/32**  
[25] EN  
[54] **FREE SOLUTION LIGAND INTERACTION MOLECULAR SEPARATION METHOD**  
[54] **PROCEDE DE SEPARATION MOLECULAIRE PAR INTERACTION DE LIGAND EN SOLUTION LIBRE**  
[72] VAN REIS, ROBERT D., US  
[71] GENENTECH, INC., US  
[85] 2000-06-22  
[86] 1998-12-10 (PCT/US98/26251)  
[87] 1999-07-08 (WO99/33862)  
[30] US (08/998,413) 1997-12-24

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[21] **2,315,888**  
[13] A1

[51] **Int.Cl. 6A61K 38/33 6C12N 15/62 6C07K 14/67**  
[25] EN  
[54] **BETA-LIPOTROPIN AND USES THEREOF**  
[54] **LA LIPOTROPINE BETA ET SES UTILISATIONS**  
[72] HALE, JOHN EDWARD, US  
[72] HEATH, WILLIAM FRANCIS JR., US  
[72] VARSHAVSKY, ALEXANDER DAVID, US  
[72] BUTLER, JON PAUL, US  
[72] HEIMAN, MARK LOUIS, US  
[72] BECKER, GERALD WAYNE, US  
[72] SCHONER, BRIGITTE ELISABETH, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-06-21  
[86] 1998-12-21 (PCT/US98/27238)  
[87] 1999-07-01 (WO99/32142)  
[30] US (60/068,659) 1997-12-23  
[30] US (60/079,857) 1998-03-30  
[30] US (60/086,321) 1998-05-21  
[30] US (60/091,385) 1998-07-01  
[30] US (60/095,405) 1998-08-05  
[30] US (60/103,976) 1998-10-13

[21] **2,315,890**  
[13] A1

[51] **Int.Cl. 6A61K 9/70 6A61K 9/00**  
[25] EN  
[54] **RATE CONTROLLING MEMBRANES FOR CONTROLLED DRUG DELIVERY DEVICES**  
[54] **MEMBRANES DE REGULATION DE DEBIT POUR DISPOSITIFS D'ADMINISTRATION REGULEE DE MEDICAMENTS**  
[72] TONG, GILBERT T., US  
[72] CHEN, GUOHUA, US  
[72] BERGGREN, RANDALL G., US  
[72] KLEINER, LOTHAR W., US  
[72] GALE, ROBERT MARTIN, US  
[71] ALZA CORPORATION, US  
[85] 2000-06-21  
[86] 1998-12-03 (PCT/US98/25646)  
[87] 1999-07-01 (WO99/32095)  
[30] US (60/068,377) 1997-12-22

[21] **2,315,891**  
[13] A1

[51] **Int.Cl. 6C12N 15/00 6C07K 16/00 6C12N 5/00 6C12N 5/06 6C12N 1/20 6C12Q 1/68**  
[25] EN  
[54] **BRAIN OR HEART CYCLIC NUCLEOTIDE GATED ION CHANNEL COMPOUNDS AND USES THEREOF**  
[54] **COMPOSES RENFERMANT DES CANAUX IONIQUES MODULES PAR DES NUCLEOTIDES CYCLIQUES D'ORIGINE CEREBRALE OU CARDIAQUE, ET LEURS UTILISATIONS**  
[72] TIBBS, GARETH, US  
[72] GRANT, SETH, GB  
[72] SIEGELBAUM, STEVEN, US  
[72] SANTORO, BINA, IT  
[72] BARTSCH, DUSAN, US  
[72] KANDEL, ERIC R., US  
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US  
[85] 2000-06-20  
[86] 1998-12-23 (PCT/US98/27630)  
[87] 1999-07-01 (WO99/32615)  
[30] US (08/997,685) 1997-12-23  
[30] US (09/086,436) 1998-05-28

[21] **2,315,893**  
[13] A1

[51] **Int.Cl. 6H02M 3/335**  
[25] FR  
[54] **PROCEDE DE COMMANDE D'UN CONVERTISSEUR DE TENSION CONTINU-CONTINU A STOCKAGE INDUCTIF**  
[54] **METHOD FOR CONTROLLING DC/DC VOLTAGE CONVERTER WITH INDUCTION STORAGE**  
[72] TAURAND, CHRISTOPHE, FR  
[71] SEXTANT AVIONIQUE, FR  
[85] 2000-06-21  
[86] 1998-12-23 (PCT/FR98/02854)  
[87] 1999-07-08 (WO99/34501)  
[30] FR (97/16348) 1997-12-23

[21] **2,315,894**  
[13] A1

[51] **Int.Cl. 6H01F 27/28**  
[25] FR  
[54] **BOBINAGE POUR TRANSFORMATEUR PLANAR**  
[54] **PLANAR TRANSFORMER WINDING**  
[72] TAURAND, CHRISTOPHE, FR  
[71] SEXTANT AVIONIQUE, FR  
[85] 2000-06-21  
[86] 1998-12-23 (PCT/FR98/02853)  
[87] 1999-07-08 (WO99/34379)  
[30] FR (97/16347) 1997-12-23

[21] **2,315,896**  
[13] A1

[51] **Int.Cl. 6G01R 19/165 6G01R 35/00**  
[25] FR  
[54] **CIRCUIT ELECTRONIQUE DE SURVEILLANCE DE TENSION ELECTRIQUE**  
[54] **ELECTRONIC CIRCUIT FOR MONITORING VOLTAGE VARIATION**  
[72] TAURAND, CHRISTOPHE, FR  
[71] THOMSON-CSF SEXTANT, FR  
[85] 2000-06-21  
[86] 1998-12-18 (PCT/FR98/02789)  
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[13] A1  
[51] **Int.Cl. 6C07D 471/14 6C07D 209/00 6C07D 221/00 6A61K 31/44 6C07D 213/64**  
[25] FR  
[54] **NOUVEAUX ANALOGUES TETRACYCLIQUES DE CAMPTOTHECINES, LEURS PROCEDES DE PREPARATION, LEUR APPLICATION COMME MEDICAMENTS ET LES COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**  
[54] **NOVEL CAMPTOTHECIN TETRACYCLIC ANALOGUES, PREPARATION, METHODS, APPLICATIONS AS MEDICINES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**  
[72] BIGG, DENNIS, FR  
[72] LAVERGNE, OLIVIER, FR  
[72] ULIBARRI, GERARD, FR  
[72] ROLLAND, ALAIN, FR  
[72] LANCO, CHRISTOPHE, FR  
[71] SOCIÉTÉ DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES (S.C.R, FR  
[85] 2000-06-21  
[86] 1998-12-16 (PCT/FR98/02751)  
[87] 1999-07-08 (WO99/33829)  
[30] FR (97/16461) 1997-12-24

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[21] **2,315,899**  
[13] A1  
[51] **Int.Cl. 6G01S 5/14**  
[25] FR  
[54] **STATION EMETTRICE DE SIGNAUX DE CORRECTION VERS UN RECEPTEUR DE NAVIGATION**  
[54] **STATION TRANSMITTING CORRECTION SIGNALS TO A NAVIGATION RECEIVER**  
[72] ARETHENS, JEAN-PIERRE, FR  
[71] SEXTANT AVIONIQUE, FR  
[85] 2000-06-21  
[86] 1998-12-23 (PCT/FR98/02852)  
[87] 1999-07-08 (WO99/34232)  
[30] FR (97/16345) 1997-12-23

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[21] **2,315,902**  
[13] A1  
[51] **Int.Cl. 6H04L 27/20 6H04L 25/03**  
[25] FR  
[54] **MODULATION D'UN SIGNAL NUMERIQUE A SPECTRE ETROIT ET A ENVELOPPE SENSIBLEMENT CONSTANTE**  
[54] **MODULATING A DIGITAL SIGNAL WITH NARROW SPECTRUM AND SUBSTANTIALLY CONSTANT ENVELOPE**  
[72] GEORGEAUX, ERIC, FR  
[72] DORNSTETTER, JEAN-LOUIS, FR  
[71] NORTEL MATRA CELLULAR, FR  
[85] 2000-06-21  
[86] 1998-12-21 (PCT/FR98/02812)  
[87] 1999-07-01 (WO99/33238)  
[30] FR (97/16454) 1997-12-22

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[21] **2,315,903**  
[13] A1  
[51] **Int.Cl. 6C12P 7/42 6C12N 9/02**  
[25] FR  
[54] **PROCEDE DE PREPARATION ENZYMATIQUE D'HOMOGENTISATE**  
[54] **METHOD FOR ENZYMATIC PREPARATION OF HOMOGENTISATE**  
[72] DEROSE, RICHARD, FR  
[72] SAILLAND, ALAIN, FR  
[71] AVENTIS CROPS SCIENCE S.A., FR  
[85] 2000-06-21  
[86] 1998-12-22 (PCT/FR98/02819)  
[87] 1999-07-08 (WO99/34008)  
[30] FR (97/16727) 1997-12-24

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[21] **2,315,905**  
[13] A1  
[51] **Int.Cl. 6B01F 3/04**  
[25] EN  
[54] **HIGH PRESSURE QUARTZ GLASS BUBBLER AMPOULE AND ASSEMBLY**  
[54] **ENSEMBLE ET AMPOULE A BARBOTAGE EN VERRE DE QUARTZ HAUTE PRESSION**  
[72] DAUBS, MAURICE E., US  
[72] MURPHY, JAMES H., JR., US  
[71] ARCH SPECIALTY CHEMICALS, INC., US  
[85] 2000-06-15  
[86] 1998-12-15 (PCT/US98/26567)  
[87] 1999-06-24 (WO99/30813)  
[30] US (08/990,330) 1997-12-15

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[21] **2,315,908**  
[13] A1  
[51] **Int.Cl. 6B05B 1/34 6B05B 15/02**  
[25] FR  
[54] **BUSE DE PULVERISATION A MOYEN STATIQUE D'INHIBITION D'ECOULEMENT**  
[54] **SPRAY NOZZLE WITH STATIC MEANS FOR INHIBITING OUTFLOW**  
[72] MEYER, PASCAL, FR  
[72] BICKART, JEAN RENE, CH  
[71] VERBENA CORPORATION N.V., AN  
[85] 2000-06-21  
[86] 1998-12-22 (PCT/IB98/02101)  
[87] 1999-07-08 (WO99/33572)  
[30] FR (97/16748) 1997-12-24

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[13] A1  
[51] **Int.Cl. 6C07D 491/052 6C07D 221/00 6C07D 311/00 6C07D 491/14 6C07D 498/14 6A61K 31/44**  
[25] FR  
[54] **NOUVEAUX DERIVES DE L'ACRONYCINE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**  
[54] **NOVEL ACRONYCINE DERIVATIVES, PREPARATION METHOD AND PHARMACEUTICAL COMPOSITIONS**  
[72] ATASSI, GHANEM, FR  
[72] RENARD, PIERRE, FR  
[72] KOCH, MICHEL, FR  
[72] MICHEL, SYLVIE, FR  
[72] TILLEQUIN, FRANCOIS, FR  
[72] PFEIFFER, BRUNO, FR  
[72] PIERRE, ALAIN, FR  
[71] ADIR ET COMPAGNIE, FR  
[85] 2000-06-19  
[86] 1998-12-18 (PCT/FR98/02785)  
[87] 1999-07-01 (WO99/32491)  
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[13] A1  
[51] **Int.Cl. 6C07D 211/90 6C07D 498/04 6C07D 401/12 6C07D 405/12 6A61K 31/445 6A61K 31/495 6A61K 31/535**  
[25] EN  
[54] **NOVEL DIHYDROPYRIDINE DERIVATIVE**  
[54] **NOUVEAU DERIVE DE DIHYDROPYRIDINE**  
[72] NIWA, SEIJI, JP  
[72] ONO, YUKITSUGU, JP  
[72] UNEYAMA, HISAYUKI, JP  
[72] KITO, MORIKAZU, JP  
[72] ONISHI, TOMOYUKI, JP  
[72] TAKAHARA, AKIRA, JP  
[72] OHNO, SEIJI, JP  
[71] AJINOMOTO CO., INC., JP  
[85] 2000-06-15  
[86] 1998-12-22 (PCT/JP98/05801)  
[87] 1999-07-01 (WO99/32446)  
[30] JP (9/353370) 1997-12-22  
[30] JP (10/303067) 1998-10-23

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[21] **2,315,911**  
[13] A1  
[51] **Int.Cl. 6A61B 8/10**  
[25] FR  
[54] **UTILISATION D'UN TRANSDUCTEUR ULTRASONORE POUR L'EXPLORATION ECHOGRAPHIQUE DE TISSUS OU ORGANES DE CORPS HUMAIN OU ANIMAL NOTAMMENT DE SEGMENT POSTERIEUR DU GLOBE OCULAIRE**  
[54] **USE OF AN ULTRASONIC TRANSDUCER FOR ECHOGRAPHIC EXPLORATION OF HUMAN OR ANIMAL BODY TISSUES OR ORGANS IN PARTICULAR OF THE EYEBALL POSTERIOR SEGMENT**  
[72] PUECH, MICHEL, FR  
[71] PUECH, MICHEL, FR  
[85] 2000-06-19  
[86] 1998-12-18 (PCT/FR98/02788)  
[87] 1999-07-01 (WO99/32036)  
[30] FR (97/16071) 1997-12-18

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[21] **2,315,913**  
[13] A1  
[51] **Int.Cl. 6C08J 3/03 6C08L 83/04**  
[25] FR  
[54] **EMULSION SILICONE AQUEUSE, UTILE COMME BASE DE PREPARATION DE REVETEMENT HYDROFUGE ET ANTIADHERENT POUR PAPIER, PROCEDE DE PREPARATION D'UNE EMULSION DE CE TYPE ET DE REVETEMENTS ANTIADHERENTS**  
[54] **AQUEOUS SILICON EMULSION, USEFUL AS BASE FOR PREPARING A WATER RESISTANT AND ANTI-ADHERENT PAPER COATING, PREPARATION METHOD OF SUCH AN EMULSION AND ANTI-ADHERENT COATS**  
[72] LIEVRE, ANDRE, FR  
[72] MIROU, CHRISTIAN, FR  
[72] DUFFY, SEAN, FR  
[71] RHODIA CHIMIE, FR  
[85] 2000-06-19  
[86] 1998-12-23 (PCT/FR98/02858)  
[87] 1999-07-15 (WO99/35181)  
[30] FR (97/16872) 1997-12-31

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[21] **2,315,914**  
[13] A1  
[51] **Int.Cl. 6C08F 293/00 6C08F 2/38**  
[25] FR  
[54] **PROCEDE DE SYNTHESE DE POLYMERES A BLOCS PAR POLYMERISATION RADICALEIRE CONTROLEE A PARTIR DE COMPOSES DITHIOCARBAMATES**  
[54] **METHOD FOR BLOCK POLYMER SYNTHESIS BY CONTROLLED RADICAL POLYMERISATION FROM DITHIOCARBAMATE COMPOUNDS**  
[72] FRANCK, XAVIER, FR  
[72] CHARMOT, DOMINIQUE, FR  
[72] ZARD, SAMIR, FR  
[72] CORPART, PASCALE, FR  
[72] BOUHADIR, GHENWA, FR  
[71] RHODIA CHIMIE, FR  
[85] 2000-06-19  
[86] 1998-12-23 (PCT/FR98/02867)  
[87] 1999-07-15 (WO99/35177)  
[30] FR (97/16779) 1997-12-31  
[30] FR (98/09780) 1998-07-30

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[21] **2,315,915**  
[13] A1  
[51] **Int.Cl. 7B01D 45/04 7B01D 50/00**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF DE SEPARATION DE PARTICULES SOLIDES PRESENTES DANS UN COURANT DE GAZ**  
[54] **METHOD AND DEVICE FOR SEPARATING SOLID PARTICLES PRESENT IN A GAS STREAM**  
[72] DULLIEN, FRANCIS A.L., CA  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
[71] DULLIEN, FRANCIS A.L., CA  
[85] 2000-06-19  
[86] 1999-11-03 (PCT/FR99/02680)  
[87] 2000-05-18 (WO00/27501)  
[30] FR (98/13975) 1998-11-05

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[21] **2,315,916**  
[13] A1  
[51] **Int.Cl. 6B65D 1/02**  
[25] FR  
[54] **RECIPIENT EN MATIERE THERMOPLASTIQUE A FOND PETALOIDE**  
[54] **THERMOPLASTIC CONTAINER WITH PETALOID BASE**  
[72] LE GUEN, VINCENT, FR  
[71] SIDEL S.A., FR  
[85] 2000-06-20  
[86] 1998-12-21 (PCT/FR98/02801)  
[87] 1999-07-08 (WO99/33708)  
[30] FR (97/16752) 1997-12-23

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[21] **2,315,917**  
[13] A1  
[51] **Int.Cl. 7C03C 17/36 7C03C 17/34**  
[25] FR  
[54] **EMPILEMENT DE COUCHES POUR SUBSTRATS TRANSPARENTS**  
[54] **LAYERED FILMS FOR TRANSPARENT SUBSTRATES**  
[72] PFANNKUCHEN, ROLF, DE  
[72] SCHINDLER, HERBERT, DE  
[72] KAISER, WILFRIED, DE  
[72] SCHICHT, HEINZ, DE  
[72] SCHMIDT, UWE, DE  
[71] SAINT-GOBAIN VITRAGE, FR  
[85] 2000-06-20  
[86] 1999-10-20 (PCT/FR99/02548)  
[87] 2000-05-04 (WO00/24686)  
[30] DE (198 48 751.7) 1998-10-22

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[21] **2,315,919**  
[13] A1

[51] **Int.Cl. 6G21F 9/30 6B09B 3/00 6C04B 18/04 6C04B 28/34**  
[25] FR  
[54] **PROCEDE DE CONDITIONNEMENT DE DECHETS INDUSTRIELS, NOTAMMENT RADIOACTIFS, DANS DES CERAMIQUES APATITIQUES**  
[54] **METHOD FOR PACKAGING INDUSTRIAL, IN PARTICULAR RADIOACTIVE, WASTE IN APATITE CERAMICS**  
[72] CARPENA, JOELLE, FR  
[72] LACOUT, JEAN-LOUIS, FR  
[72] DECHAMBRE, GERARD, FR  
[72] DONAZZON, BENOIT, FR  
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR  
[85] 2000-06-20  
[86] 1998-12-22 (PCT/FR98/02826)  
[87] 1999-07-08 (WO99/34370)  
[30] FR (97/16356) 1997-12-23

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[21] **2,315,920**  
[13] A1

[51] **Int.Cl. 6C21B 13/10**  
[25] FR  
[54] **PROCEDE DE REDUCTION D'OXYDES DE FER ET INSTALLATION A CET EFFET**  
[54] **METHOD FOR REDUCING IRON OXIDES AND INSTALLATION THEREFOR**  
[72] MONTEYNE, GUIDO, BE  
[71] SIDMAR N.V., BE  
[85] 2000-06-20  
[86] 1999-01-28 (PCT/BE99/00013)  
[87] 1999-08-05 (WO99/39013)  
[30] EP (98200242.0) 1998-01-28  
[30] EP (98870097.7) 1998-04-28

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[21] **2,315,921**  
[13] A1

[51] **Int.Cl. 6A61K 7/13**  
[25] FR  
[54] **COMPOSITION DE TEINTURE D'OXYDATION DES FIBRES KERATINIQUES CONTENANT UNE LACCASE ET PROCEDE DE TEINTURE METTANT EN OEUVRE CETTE COMPOSITION**  
[54] **KERATINOUS FIBRE DYEING COMPOSITION CONTAINING A LACCASE AND DYEING METHOD USING SAME**  
[72] LANG, GERARD, FR  
[72] COTTERET, JEAN, FR  
[71] L'OREAL, FR  
[85] 2000-06-20  
[86] 1998-12-16 (PCT/FR98/02752)  
[87] 1999-07-22 (WO99/36034)  
[30] FR (98/00248) 1998-01-13

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[21] **2,315,922**  
[13] A1

[51] **Int.Cl. 6C03B 5/16 6C03B 23/00 6C04B 35/00 6C03C 6/00 6C03C 6/02 6C03C 6/04 6C03C 6/06 6C03C 3/078 6C03C 6/08 6C03C 3/087 6C03C 6/10 6C03C 8/14**  
[25] EN  
[54] **A METHOD OF RECYCLING MIXED COLORED CULLET INTO AMBER, GREEN, OF FLINT GLASS**  
[54] **PROCEDE DE RECYCLAGE DE GRESIL COLORE MELANGE POUR PRODUIRE DU VERRE AMBRE, DU VERRE VERT OU DU FLINT-GLASS**  
[72] MOSCH, DUANE A., US  
[71] G R TECHNOLOGY, INC., US  
[85] 2000-06-15  
[86] 1997-12-17 (PCT/US97/23889)  
[87] 1999-06-24 (WO99/31022)

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[21] **2,315,924**  
[13] A1

[51] **Int.Cl. 6B41J 2/32 6B41J 3/407 6B41K 1/50**  
[25] EN  
[54] **THERMAL HEAD PRINTER AND METHOD OF USING SAME TO PRINT ON A THERMOPLASTIC MEDIUM**  
[54] **IMPRIMANTE A TETE THERMIQUE ET PROCEDE D'IMPRESSION SUR SUPPORT THERMOPLASTIQUE UTILISANT LADITE TETE**  
[72] VENKATARAMAN, RAVI, US  
[72] MORGAN, PAUL, US  
[71] IDENTITY GROUP, INC., US  
[85] 2000-06-15  
[86] 1998-12-11 (PCT/US98/26321)  
[87] 1999-06-24 (WO99/30907)  
[30] US (08/990,954) 1997-12-15

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[21] **2,315,925**  
[13] A1

[51] **Int.Cl. 6C02F 11/12 6B01D 29/00**  
[25] EN  
[54] **CLARIFIER WITH SLUDGE DEWATERING**  
[54] **CLARIFICATEUR A DESHYDRATATION DES BOUES**  
[72] GERO, WILLIAM A., US  
[72] HERBERT, RICHARD P., US  
[71] БЕЛОIT TECHNOLOGIES, INC., US  
[85] 2000-06-15  
[86] 1998-10-22 (PCT/US98/22343)  
[87] 1999-05-27 (WO99/25658)  
[30] US (08/971,173) 1997-11-14

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[21] **2,315,927**  
[13] A1

[51] **Int.Cl. 6A61K 9/26 6A61K 31/41 6A61K 31/44 6A61K 9/54**  
[25] EN  
[54] **ORAL PHARMACEUTICAL PULSED RELEASE DOSAGE FORM**  
[54] **FORME DE DOSAGE PHARMACEUTIQUE ET ORALE DIFFUSEE PAR IMPULSIONS**  
[72] SJOBLOM, BRITA, SE  
[72] LUNDBERG, PER JOHAN, SE  
[71] ASTRAZENECA AB, SE  
[85] 2000-06-16  
[86] 1998-12-17 (PCT/SE98/02369)  
[87] 1999-07-01 (WO99/32093)  
[30] SE (9704870-6) 1997-12-22

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[21] **2,315,929**  
[13] A1

[51] **Int.Cl. 6A61B 17/04**  
[25] EN  
[54] **BIOABSORBABLE SUTURE ANCHOR**  
[54] **ANCRAGE DE SUTURE BIOABSORBABLE**  
[72] NIGRO, DENNIS M., US  
[72] TORMALA, PERTTI, FI  
[72] HELEVIRTA, PERTTI, FI  
[72] TAMMINMAKI, MARKKU, FI  
[71] BIONX IMPLANTS OY, FI  
[85] 2000-06-16  
[86] 1998-12-22 (PCT/EP98/08404)  
[87] 1999-07-08 (WO99/33401)  
[30] US (08/997,458) 1997-12-23

[21] **2,315,930**  
[13] A1

[51] **Int.Cl. 6B24B 5/00 6B24B 27/00 6B24B 33/00 6B24B 35/00**  
[25] EN  
[54] **METHOD AND DEVICE FOR POLISHING WORKPIECES WITH A SIMULTANEOUS SUPERFINISH**  
[54] **PROCEDE ET DISPOSITIF POUR POLIR DES PIECES AVEC SUPERFINITION SIMULTANEE**  
[72] JUNKER, ERWIN, DE  
[71] ERWIN JUNKER  
MASCHINENFABRIK GMBH, DE  
[85] 2000-06-19  
[86] 1998-09-11 (PCT/EP98/05808)  
[87] 1999-07-01 (WO99/32258)  
[30] DE (197 56 610.3) 1997-12-18

[21] **2,315,932**  
[13] A1

[51] **Int.Cl. 6G06F 19/00 6G01N 33/53**  
[25] EN  
[54] **METHODS FOR MONITORING THE STATUS OF ASSAYS**  
[54] **METHODES DE CONTROLE DE DOSAGES**  
[72] ANDERBERG, JOSEPH M., US  
[72] MCPHERSON, PAUL H., US  
[72] BUECHLER, KENNETH F., US  
[71] BIOSITE DIAGNOSTICS, INC., US  
[85] 2000-06-19  
[86] 1999-01-04 (PCT/US99/00261)  
[87] 1999-07-15 (WO99/35602)  
[30] US (09/003,065) 1998-01-05

[21] **2,315,935**  
[13] A1

[51] **Int.Cl. 6F16K 15/14**  
[25] EN  
[54] **DUCKBILL VALVE WITH CRESCENT SHAPED LIPS**  
[54] **SOUPAPE EN BEC DE CANARD A LEVRES EN FORME DE CROISSANT**  
[72] BENNETT, ROBERT ALFRED, US  
[71] UNILEVER PLC, GB  
[85] 2000-06-19  
[86] 1998-12-22 (PCT/EP98/08542)  
[87] 1999-07-15 (WO99/35425)  
[30] US (09/003,046) 1998-01-05

[21] **2,315,937**  
[13] A1

[51] **Int.Cl. 6B67D 1/00 6G07F 13/10 6B65G 59/10 6B65G 47/22 6B65G 17/32**  
[25] EN  
[54] **AUTOMATED BEVERAGE SYSTEM**  
[54] **DISTRIBUTEUR AUTOMATIQUE DE BOISSONS**  
[72] WEINAUG, KENNETH S., US  
[72] COFFEY, JIMMIE L., US  
[72] ZIESEL, LAWRENCE B., US  
[72] GOULET, DOUGLAS P., US  
[71] MCDONALD'S CORPORATION, US  
[85] 2000-06-19  
[86] 1998-12-22 (PCT/US98/27311)  
[87] 1999-07-01 (WO99/32392)  
[30] US (08/996237) 1997-12-22

[21] **2,315,940**  
[13] A1

[51] **Int.Cl. 6H03M 3/00**  
[25] EN  
[54] **DECIMATION FILTERING APPARATUS AND METHOD**  
[54] **DISPOSITIF ET PROCEDE POUR LE FILTRAGE DE DECIMATION**  
[72] CHOI, GIN KYU, KR  
[72] KIM, SUN BIN, KR  
[72] OH, HYUK JUN, KR  
[72] LEE, YONG HOON, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2000-06-20  
[86] 1998-12-30 (PCT/KR98/00488)  
[87] 1999-07-08 (WO99/34519)  
[30] KR (1997/80782) 1997-12-31

[21] **2,315,945**  
[13] A1

[51] **Int.Cl. 7G06F 3/06 7G06F 17/30**  
[25] EN  
[54] **FILE SYSTEMS SUPPORTING DATA SHARING**  
[54] **SYSTEMES DE FICHER PERMETTANT UN PARTAGE DE DONNEES**  
[72] TOL, RONALD M., NL  
[72] IJDENS, PIETER B., NL  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2000-06-19  
[86] 1999-09-23 (PCT/EP99/07451)  
[87] 2000-04-27 (WO00/23871)  
[30] GB (9822841.4) 1998-10-20

[21] **2,315,946**  
[13] A1

[51] **Int.Cl. 6C07C 233/04 6C07D 273/08 6A61K 31/16 6A61K 31/33 6A61K 31/445**  
[25] EN  
[54] **NOVEL LOCAL ANESTHETIC COMPOUNDS AND USES**  
[54] **NOUVEAUX COMPOSES D'ANESTHESIQUE LOCAL ET LEURS UTILISATIONS**  
[72] JENKINS, THOMAS E., US  
[72] JACOBSEN, JOHN R., US  
[72] HRUZEWICZ, WITOLD, US  
[72] JI, YU-HUA, US  
[72] JUDICE, KEVIN J., US  
[72] CHURCH, TIMOTHY J., US  
[72] AXT, SABINE M., US  
[71] ADVANCED MEDICINE, INC., US  
[85] 2000-06-21  
[86] 1999-04-02 (PCT/US99/07263)  
[87] 1999-10-14 (WO99/51565)  
[30] US (60/080,531) 1998-04-03  
[30] US (60/122,075) 1999-03-01

[21] **2,315,953**  
[13] A1

[51] **Int.Cl. 6C07D 498/22 6C07D 209/00 6C07D 273/00 6C07D 307/00 6C07H 7/06 6A61K 31/55**  
[25] EN  
[54] **3'-EPIMERIC K-252A DERIVATIVES**  
[54] **DERIVES 3'-EPIMERES DE K-252A**  
[72] GINGRICH, DIANE E., US  
[72] HUDKINS, ROBERT L., US  
[71] CEPHALON, INC., US  
[71] KYOWA, HAKKO KOGYO CO., LTD., JP  
[85] 2000-06-20  
[86] 1998-12-30 (PCT/US98/27644)  
[87] 1999-07-08 (WO99/33836)  
[30] US (60/070,263) 1997-12-31

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[21] **2,316,041**  
[13] A1

[51] **Int.Cl. 6A61K 31/70 6A61K 39/00 6C07H 15/04 6C07H 15/10**  
[25] EN  
[54] **GALACTOSYLCERAMIDE, GLUCOSYLCERAMIDE, LACTOSYLCERAMIDE, AND SPECIFIC CATCHERS THEREFOR FOR USE IN THE PROPHYLAXIS OR THERAPY OF PREDIABETES, DIABETES AND/OR ASSOCIATED COMPLICATIONS**  
[54] **GALACTOSYLCERAMIDE, GLUCOSYLCERAMIDE, LACTOSYLCERAMIDE, ET LEURS AGENTS DE FIXATION, UTILISES POUR PREVENIR OU TRAITER LES PREDIABETES, DIABETES ET/OU COMPLICATIONS ASSOCIEES**  
[72] BUSCHARD, KARSTEN, DK  
[72] FREDMAN, PAM, SE  
[71] A+ SCIENCE INVEST AB, SE  
[85] 2000-06-20  
[86] 1998-12-21 (PCT/SE98/02407)  
[87] 1999-07-08 (WO99/33475)  
[30] DK (1553/97) 1997-12-30

[21] **2,316,170**  
[13] A1

[51] **Int.Cl. 6G01S 5/12 6H04Q 7/38**  
[25] EN  
[54] **COMMUNICATIONS LOCALIZATION SYSTEM**  
[54] **SYSTEME DE LOCALISATION POUR RADIOCOMMUNICATIONS**  
[72] MALONEY, JOHN E., US  
[72] STEVENSON, JAMES O., US  
[72] HINKLE, CHARLES J., JR., US  
[71] KSI INC., US  
[85] 2000-06-22  
[86] 1997-12-23 (PCT/US97/23864)  
[87] 1998-07-09 (WO98/29758)

[21] **2,316,171**  
[13] A1

[51] **Int.Cl. 6A61K 9/00 6A61K 9/16 6A61K 9/50**  
[25] EN  
[54] **MICROPARTICLES AND THEIR THERAPEUTIC OR DIAGNOSTIC USE**  
[54] **MICROPARTICULES ET LEUR UTILISATION THERAPEUTIQUE OU DIAGNOSTIQUE**  
[72] ROGERSON, CHERYL VANESSA, GB  
[72] OSBORNE, NICHOLAS DAVID, GB  
[71] QUADRANT HEALTHCARE (UK) LIMITED, GB  
[85] 2000-06-22  
[86] 1998-12-21 (PCT/GB98/03853)  
[87] 1999-07-01 (WO99/32083)  
[30] GB (9727102.7) 1997-12-22

[21] **2,316,172**  
[13] A1

[51] **Int.Cl. 6C07D 209/42 6C07D 209/00 6C07D 221/00 6C07D 471/04 6C07D 401/06 6C07D 403/10 6C07D 401/12 6A61K 31/40**  
[25] EN  
[54] **INDOLE DERIVATIVES AS INHIBITORS OR FACTOR XA**  
[54] **UTILISATION DE DERIVES INDOLIQUES COMME INHIBITEURS DU FACTEUR XA**  
[72] MATTER, HANS, DE  
[72] HEINELT, UWE, DE  
[72] WILDGOOSE, PETER, DE  
[72] DEFOSSA, ELISABETH, DE  
[72] WALSER, ARMIN, US  
[72] ZOLLER, GERHARD, DE  
[72] AL-OBEIDI, FAHAD A., US  
[72] KLINGLER, OTMAR, DE  
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE  
[85] 2000-06-23  
[86] 1998-12-10 (PCT/EP98/08030)  
[87] 1999-07-08 (WO99/33800)  
[30] EP (97122901.8) 1997-12-24

[21] **2,316,173**  
[13] A1

[51] **Int.Cl. 6B65D 6/26**  
[25] EN  
[54] **A DEVICE FOR INTERLOCKING TWO PARTS**  
[54] **DISPOSITIF POUR BLOQUER DEUX PIECES ENTRE ELLES**  
[72] PERSSON, HANS, SE  
[71] NEFAB AB, SE  
[85] 2000-06-16  
[86] 1999-01-27 (PCT/SE99/00108)  
[87] 1999-08-05 (WO99/38778)  
[30] SE (9800252-0) 1998-01-28

[21] **2,316,174**  
[13] A1

[51] **Int.Cl. 6G02B 6/38**  
[25] EN  
[54] **OPTICAL FIBER CONNECTOR**  
[54] **CONNECTEUR DE FIBRES OPTIQUES**  
[72] BLOM, CLAES, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-06-22  
[86] 1998-12-11 (PCT/SE98/02286)  
[87] 1999-07-01 (WO99/32915)  
[30] SE (9704875-5) 1997-12-23

[21] **2,316,175**  
[13] A1

[51] **Int.Cl. 6C08K 5/521 6C08G 77/08 6C08G 77/18**  
[25] EN  
[54] **ORGANOPOLYSILOXANE MATERIALS WHICH CAN BE CROSS-LINKED BY CLEAVING ALCOHOLS INTO ELASTOMERS**  
[54] **COMPOSES D'ORGANOPOLYSILOXANE RETICULABLES PAR CLIVAGE D'ALCOOLS POUR DONNER DES ELASTOMERES**  
[72] DORSCH, NORMAN (deceased), DE  
[72] HECHTL, WOLFGANG, DE  
[72] OBERNEDER, STEFAN, DE  
[72] HEINRICH, RUDOLF, DE  
[72] SOMMER, OSWIN, DE  
[71] WACKER-CHEMIE GMBH, DE  
[85] 2000-06-22  
[86] 1998-09-10 (PCT/EP98/05777)  
[87] 1999-07-01 (WO99/32551)  
[30] DE (197 57 308.8) 1997-12-22

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[21] **2,316,176**  
[13] A1

[51] **Int.Cl. 6B65H 29/04 6B65H 35/08 6B41F 13/58**  
[25] EN  
[54] **MACHINE FOR PROCESSING FOIL**  
[54] **MACHINE POUR TRAITEMENT DE FEUILLE**  
[72] WYSSMANN, HANS, CH  
[72] SCHAEDE, JOHANNES GEORG, DE  
[71] DE LA RUE GIORI S.A., CH  
[85] 2000-06-22  
[86] 1997-12-24 (PCT/CH97/00484)  
[87] 1999-07-08 (WO99/33735)

[21] **2,316,177**  
[13] A1

[51] **Int.Cl. 6H04L 27/22**  
[25] EN  
[54] **CIRCUIT FOR CAPTURING FRAME SYNC SIGNAL IN RECEIVER**  
[54] **CIRCUIT D'ACQUISITION DE SIGNAL DE SYNCHRONISATION DE TRAME DANS UN RECEPTEUR**  
[72] SHIRAISHI, KENICHI, JP  
[72] HORII, AKIHIRO, JP  
[71] KABUSHIKI KAISHA KENWOOD, JP  
[85] 2000-06-22  
[86] 1998-12-11 (PCT/JP98/05615)  
[87] 1999-07-08 (WO99/34568)  
[30] JP (9-368190) 1997-12-29

[21] **2,316,178**  
[13] A1

[51] **Int.Cl. 6G06K 19/06**  
[25] EN  
[54] **DEVICE FOR TRANSMITTING INFORMATION BY MEANS OF ACOUSTIC SIGNALS**  
[54] **DISPOSITIF POUR L'ENVOI D'INFORMATIONS PAR SIGNAUX ACOUSTIQUES**  
[72] KUSCHEL, DIETMAR, DE  
[72] KUDNIG, KNUD, DE  
[71] KUSCHEL, DIETMAR, DE  
[85] 2000-06-22  
[86] 1998-12-22 (PCT/DE98/03773)  
[87] 1999-07-08 (WO99/34324)  
[30] DE (297 22 679.7) 1997-12-23  
[30] DE (198 22 875.9) 1998-05-22

[21] **2,316,180**  
[13] A1

[51] **Int.Cl. 6C01B 33/037**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF HIGH-PURITY SI AND EQUIPMENT THEREFOR**  
[54] **PROCEDE DE PREPARATION DE SI EXTREMEMENT PUR, ET EQUIPEMENT POUR LA MISE EN OEUVRE DE CE PROCEDE**  
[72] TOKUMARU, SHINJI, JP  
[72] KIYOSE, AKIHITO, JP  
[72] WATANABE, RYUJI, JP  
[72] NOGAMI, ATSUSHI, JP  
[72] SHIMADA, HARUO, JP  
[72] KONDO, JIRO, JP  
[71] NIPPON STEEL CORPORATION, JP  
[85] 2000-06-22  
[86] 1998-12-25 (PCT/JP98/05968)  
[87] 1999-07-08 (WO99/33749)  
[30] JP (9-35756) 1997-12-25  
[30] JP (10-76121) 1998-03-24

[21] **2,316,181**  
[13] A1

[51] **Int.Cl. 6G02B 6/16 6G02B 6/22**  
[25] EN  
[54] **DISPERSION COMPENSATION OPTICAL FIBER AND WAVELENGTH MULTIPLEX OPTICAL TRANSMISSION LINE COMPRISING DISPERSION COMPENSATION OPTICAL FIBER**  
[54] **FIBRE OPTIQUE A COMPENSATION DE DISPERSION ET LIGNE DE TRANSMISSION OPTIQUE MULTIPLEX DE LONGUEURS D'ONDES COMPRENANT CETTE FIBRE OPTIQUE**  
[72] MUKASA, KAZUNORI, JP  
[71] THE FURUKAWA ELECTRIC CO. LTD., JP  
[85] 2000-06-23  
[86] 1999-10-21 (PCT/JP99/05816)  
[87] 2000-05-04 (WO00/25158)  
[30] JP (10-319920) 1998-10-23

[21] **2,316,183**  
[13] A1

[51] **Int.Cl. 7C22C 38/50**  
[25] EN  
[54] **HIGH-TEMPERATURE ROLLING BEARING PART**  
[54] **PIECE DE ROULEMENT A BILLES RESISTANT AUX HAUTES TEMPERATURES**  
[72] KINAMI, TOSHIYA, JP  
[72] MAEDA, KIKUO, JP  
[72] NAKAMURA, SADAYUKI, JP  
[72] ITOU, KATSUNORI, JP  
[71] NTN CORPORATION, JP  
[85] 2000-06-23  
[86] 1999-11-10 (PCT/JP99/06253)  
[87] 2000-05-18 (WO00/28102)  
[30] JP (10-320435) 1998-11-11

[21] **2,316,184**  
[13] A1

[51] **Int.Cl. 7A23B 9/02 7C12C 1/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TREATING CEREAL KERNELS, TREATED CEREAL KERNELS AND THEIR USE**  
[54] **PROCEDE ET APPAREIL POUR LE TRAITEMENT DE GRAINS DE CEREALES, GRAINS DE CEREALES TRAITES ET LEUR UTILISATION**  
[72] TUOKKURI, VELI-MATTI, FI  
[72] RASANEN, ESA, FI  
[72] REINIKAINEN, PEKKA, FI  
[72] PELTOLA, PETRI, FI  
[72] OLKKU, JUHANI, FI  
[71] LP-TUTKIMUSKESKUS OY, FI  
[85] 2000-06-22  
[86] 1999-10-28 (PCT/FI99/00904)  
[87] 2000-05-11 (WO00/25595)  
[30] FI (982376) 1998-11-02

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[21] **2,316,185**  
[13] A1

[51] **Int.Cl. 6B01J 23/56 6F02D 41/04 6F01N 3/28 6B01J 23/58 6B01D 53/94**  
[25] EN  
[54] **CATALYST FOR PURIFYING EXHAUST GAS, PROCESS FOR PRODUCING THE SAME, AND METHOD FOR PURIFYING EXHAUST GAS**  
[54] **CATALYSEUR DE PURIFICATION DE GAZ D'ÉCHAPPEMENT, SON PROCEDE DE PRODUCTION ET PROCEDE DE PURIFICATION DE GAZ D'ÉCHAPPEMENT**  
[72] TAKAHASHI, NAOKI, JP  
[72] SUZUKI, HIROMASA, JP  
[72] HASEGAWA, YORIKO, JP  
[72] KIMURA, MAREO, JP  
[72] TANIZAWA, RIEMI, JP  
[72] SOBUE, KAZUAKI, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[71] KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO, JP  
[85] 2000-06-23  
[86] 1998-12-22 (PCT/JP98/05791)  
[87] 1999-07-08 (WO99/33560)  
[30] JP (9/359690) 1997-12-26

[21] **2,316,186**  
[13] A1

[51] **Int.Cl. 7H04L 27/26**  
[25] EN  
[54] **REDUCTION OF THE CREST FACTOR IN OFDM SIGNAL**  
[54] **REDUCTION DU FACTEUR DE CRETE DANS UN SIGNAL OFDM**  
[72] FIFIELD, ROBERT, GB  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2000-06-22  
[86] 1999-09-29 (PCT/EP99/07465)  
[87] 2000-05-04 (WO00/25491)  
[30] GB (9823145.9) 1998-10-23

[21] **2,316,187**  
[13] A1

[51] **Int.Cl. 6G01R 31/08**  
[25] EN  
[54] **LOCATION OF FAULT ON SERIES-COMPENSATED POWER TRANSMISSION LINES**  
[54] **LOCALISATION D'UNE PANNE SUR UNE LIGNE HAUTE TENSION COMPENSEE EN SERIE**  
[72] SAHA, MURARI, SE  
[72] ROSOŁOWSKI, EUGENIUSZ, PL  
[72] KASZTENNY, BOGDAN, PL  
[72] IZYKOWSKI, JAN, PL  
[71] ABB AB, SE  
[85] 2000-06-22  
[86] 1998-12-18 (PCT/SE98/02404)  
[87] 1999-07-01 (WO99/32894)  
[30] SE (9704797-1) 1997-12-22

[21] **2,316,188**  
[13] A1

[51] **Int.Cl. 6G01N 31/10 6G01N 25/22**  
[25] EN  
[54] **METHOD FOR COMBINATORIAL MATERIAL DEVELOPMENT USING DIFFERENTIAL THERMAL IMAGES**  
[54] **PROCEDE POUR LA MISE AU POINT COMBINATOIRE DE MATERIAUX A L'AIDE D'IMAGES THERMIQUES DIFFERENTIELLES**  
[72] MAIER, WILHELM, DE  
[72] HOLZWARTH, ARNOLD, DE  
[71] STUDIENGESELLSCHAFT KOHLE MBH, DE  
[85] 2000-06-23  
[86] 1998-12-15 (PCT/EP98/08214)  
[87] 1999-07-08 (WO99/34206)  
[30] DE (197 57 754.7) 1997-12-23  
[30] DE (198 26 303.1) 1998-06-12

[21] **2,316,190**  
[13] A1

[51] **Int.Cl. 6A61L 27/00 6A61L 29/00 6A61L 31/00**  
[25] EN  
[54] **BIODEGRADABLE SHAPE MEMORY POLYMERS**  
[54] **POLYMERES BIODEGRADABLES A MEMOIRE DE FORME**  
[72] SCHMIDT, ANNETTE, DE  
[72] GRABLOWITZ, HANS, DE  
[72] LENDLEIN, ANDREAS, DE  
[72] LANGER, ROBERT S., US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[85] 2000-06-23  
[86] 1999-02-23 (PCT/US99/03977)  
[87] 1999-08-26 (WO99/42147)  
[30] US (60/075,523) 1998-02-23

[21] **2,316,191**  
[13] A1

[51] **Int.Cl. 6C11D 3/386**  
[25] EN  
[54] **CLEANING COMPOSITIONS CONTAINING A NEOPULLULANASE**  
[54] **COMPOSITIONS DE NETTOYAGE CONTENANT UNE NEOPULLULANASE**  
[72] DUVAL, DEAN LARRY, JP  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-06-22  
[86] 1997-12-22 (PCT/US97/23479)  
[87] 1999-07-01 (WO99/32594)

[21] **2,316,194**  
[13] A1

[51] **Int.Cl. 6B63B 39/06**  
[25] EN  
[54] **WATERCRAFT STABILIZER SYSTEM**  
[54] **SYSTEME DE STABILISATION D'UN BATEAU**  
[72] GRZYBOWSKI, JOSEPH MICHAEL, US  
[71] GRZYBOWSKI, JOSEPH MICHAEL, US  
[85] 2000-06-28  
[86] 1999-01-27 (PCT/US99/01773)  
[87] 1999-08-05 (WO99/38765)  
[30] GB (98018948GB) 1998-01-30

[21] **2,316,196**  
[13] A1

[51] **Int.Cl. 6A61N 1/30**  
[25] EN  
[54] **IONTOPHORESIS DEVICE AND DRUG UNIT**  
[54] **DISPOSITIF D'IONOPHORESE ET UNITE DE MEDICAMENT**  
[72] MAEDA, HIROYUKI, JP  
[72] KOGA, NOBUHIRO, JP  
[72] KURIBAYASHI, MITSURU, JP  
[72] HIGO, NARUHITO, JP  
[71] HISAMITSU PHARMACEUTICAL CO., INC., JP  
[85] 2000-06-27  
[86] 1998-12-21 (PCT/JP98/05776)  
[87] 1999-07-08 (WO99/33518)  
[30] JP (9/369268) 1997-12-30

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[21] **2,316,199**  
[13] A1  
[51] **Int.Cl. 6G01N 33/53 6G01N 33/532 6G01N 33/533**  
[25] EN  
[54] **BIOSENSOR**  
[54] **BIOCAPTEUR**  
[72] HELLINGA, HOMME W., US  
[71] DUKE UNIVERSITY, US  
[85] 2000-06-22  
[86] 1998-12-31 (PCT/US98/27882)  
[87] 1999-07-08 (WO99/34212)  
[30] US (60/070,293) 1997-12-31

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[21] **2,316,200**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/38**  
[25] EN  
[54] **ADAPTIVE HANDOFF HYSTERESIS IN WIRELESS TELECOMMUNICATION NETWORKS**  
[54] **HYSTERESE DE TRANSFERT ADAPTATIVE DANS DES RESEAUX DE RADIOTELECOMMUNICATION**  
[72] BRINGBY, DANIEL, SE  
[72] WIJK, PER ANDERS GUSTAV, SE  
[72] LUNDBORG, TOMAS, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-06-23  
[86] 1998-12-08 (PCT/SE98/02253)  
[87] 1999-07-08 (WO99/34633)  
[30] US (08/998,065) 1997-12-24

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[21] **2,316,201**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/34**  
[25] EN  
[54] **A COMMUNICATION SYSTEM WITH BASE STATIONS HAVING TEST CAPABILITIES**  
[54] **SYSTEME DE COMMUNICATION AVEC DES STATIONS DE BASE AYANT LES CAPACITES DE MENER DES TESTS**  
[72] GENELL, GUNNAR, SE  
[72] HERMANSSON, ARNE, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-06-23  
[86] 1998-12-15 (PCT/SE98/02323)  
[87] 1999-07-01 (WO99/33297)  
[30] US (08/996,517) 1997-12-23

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[21] **2,316,202**  
[13] A1  
[51] **Int.Cl. 6H04B 7/005**  
[25] EN  
[54] **INITIAL TRANSMIT POWER DETERMINATION IN A RADIOCOMMUNICATION SYSTEM**  
[54] **DETERMINATION DE LA PUISSANCE D'EMISSION INITIALE D'UN SYSTEME DE RADIOCOMMUNICATION**  
[72] LUNDBORG, TOMAS, SE  
[72] BRINGBY, DANIEL, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-06-23  
[86] 1998-12-15 (PCT/SE98/02330)  
[87] 1999-07-08 (WO99/34531)  
[30] US (08/998,067) 1997-12-24

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[21] **2,316,203**  
[13] A1  
[51] **Int.Cl. 6H04M 3/50 6H04Q 7/22**  
[25] EN  
[54] **ANNOUNCING ADVERTISEMENTS TO USERS OF A TELECOMMUNICATIONS SYSTEM**  
[54] **COMMUNICATION D'ANNONCES PUBLICITAIRES AUX UTILISATEURS D'UN SYSTEME DE TELECOMMUNICATIONS**  
[72] VAN DE GRAAF, WILLEM, NL  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-06-23  
[86] 1998-12-24 (PCT/EP98/08574)  
[87] 1999-07-08 (WO99/34586)  
[30] EP (97204104.0) 1997-12-24

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[21] **2,316,204**  
[13] A1  
[51] **Int.Cl. 6H04M 3/50 6H04M 3/00**  
[25] EN  
[54] **ADAPTIVE CALL DISTRIBUTION IN A TELECOMMUNICATIONS SYSTEM**  
[54] **REPARTITION D'APPELS ADAPTATIVE DANS UN SYSTEME DE TELECOMMUNICATIONS**  
[72] MELISSE, ALFO, NL  
[72] HUITEMA, HENK LAMBERTUS, NL  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-06-23  
[86] 1998-12-21 (PCT/EP98/08571)  
[87] 1999-07-08 (WO99/34585)  
[30] EP (97204101.6) 1997-12-24

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[21] **2,316,205**  
[13] A1  
[51] **Int.Cl. 6B29D 11/00 6B29C 33/30**  
[25] EN  
[54] **TORIC AXIS ALIGNMENT MACHINE AND METHOD**  
[54] **MACHINE D'ALIGNEMENT D'AXE TORIQUE ET PROCEDE AFFERENT**  
[72] VANDEWINCKEL, JEFFREY MICHAEL, US  
[72] POWELL, IAN ANDREW, US  
[72] DERYKE, KEVIN JACOB, US  
[72] APPLETON, WILLIAM JOHN, US  
[72] ORMISTON, ALLEN LEE, US  
[72] DOBNER, MICHAEL HENRY, US  
[71] BAUSCH & LOMB INCORPORATED, US  
[85] 2000-06-27  
[86] 1999-01-12 (PCT/US99/00652)  
[87] 1999-07-22 (WO99/36803)  
[30] US (60/071,617) 1998-01-16

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[21] **2,316,206**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/38**  
[25] EN  
[54] **VARIABLE HANDOFF HYSTERESIS IN A RADIO COMMUNICATION SYSTEM**  
[54] **HYSTERESE DE TRANSFERT VARIABLE DANS UN SYSTEME DE RADIOCOMMUNICATION**  
[72] LUNDBORG, TOMAS, SE  
[72] WIJK, PER, SE  
[72] NORDLUND, PETER, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-06-23  
[86] 1998-12-08 (PCT/SE98/02256)  
[87] 1999-07-08 (WO99/34634)  
[30] US (08/997,998) 1997-12-24

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<p style="text-align: right;">[21] <b>2,316,208</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 11/18</b> [25] EN [54] <b>IMPROVED PEN POSITIONING SYSTEM</b> [54] <b>SYSTEME AMELIORE DE POSITIONNEMENT D'UN CRAYON</b> [72] WOOD, ROBERT P., US [72] HAREL, JACOB, US [72] WARD, DANIEL R., US [72] HOLTZMAN, RAFI, US [71] ELECTRONICS FOR IMAGING, INC., US [85] 2000-06-23 [86] 1998-12-03 (PCT/US98/25727) [87] 1999-07-22 (WO99/36883) [30] US (09/009,645) 1998-01-20</p>	<p style="text-align: right;">[21] <b>2,316,213</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 27/403 6C12M 1/34 6G01N 33/487</b> [25] EN [54] <b>CELL POTENTIAL MEASURING ELECTRODE AND MEASURING APPARATUS USING THE SAME</b> [54] <b>ELECTRODE DE MESURE DE POTENTIEL DE CELLULE ET APPAREIL DE MESURE UTILISANT CETTE ELECTRODE</b> [72] OKA, HIROAKI, JP [72] SUGIHARA, HIROKAZU, JP [72] SHIMONO, KEN, US [72] OGAWA, RYUTA, JP [72] TAKETANI, MAKOTO, US [71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP [85] 2000-06-23 [86] 1998-12-22 (PCT/US98/27489) [87] 1999-07-08 (WO99/34202) [30] JP (9/358601) 1997-12-25</p>	<p style="text-align: right;">[21] <b>2,316,216</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01P 13/02 6G01P 5/14</b> [25] EN [54] <b>A BLADE-MOUNTED TOTAL PRESSURE PROBE FOR A ROTATING BLADE</b> [54] <b>SONDE MONTEE SUR PALE POUR MESURE DE LA PRESSION TOTALE POUR PALE DE ROTOR ENTRAINEE EN ROTATION</b> [72] JACKSON, MICHAEL E., US [71] SIKORSKY AIRCRAFT CORPORATION, US [85] 2000-06-23 [86] 1998-12-04 (PCT/US98/25868) [87] 1999-07-08 (WO99/34222) [30] US (08/998,530) 1997-12-26</p>
<p style="text-align: right;">[21] <b>2,316,210</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G03G 15/08 6G03G 21/02</b> [25] EN [54] <b>TONER USAGE ESTIMATION SYSTEM</b> [54] <b>SYSTEME PERMETTANT D'ESTIMER L'USAGE DU TONER</b> [72] MOTAMED, MARGARET, US [71] ELECTRONICS FOR IMAGING, INC., US [85] 2000-06-23 [86] 1998-12-03 (PCT/US98/25728) [87] 1999-07-22 (WO99/36835) [30] US (09/009,144) 1998-01-20</p>	<p style="text-align: right;">[21] <b>2,316,214</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61L 29/00</b> [25] EN [54] <b>METHOD OF CREATING A BIOSTATIC AGENT USING INTERPENETRATING NETWORK POLYMERS</b> [54] <b>PROCEDE DE CREATION D'UN AGENT BIOSTATIQUE AU MOYEN DE POLYMERES RETICULES ENCHEVETRES</b> [72] MEIER, JOSEPH F., US [72] MERKER, ROBERT L., US [72] MORGAN, HARRY C., US [71] BIOSAFE, INC., US [85] 2000-06-22 [86] 1998-12-18 (PCT/US98/27330) [87] 1999-07-01 (WO99/32157) [30] US (08/996,749) 1997-12-23</p>	<p style="text-align: right;">[21] <b>2,316,218</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 319/06 6C07D 493/04 6C07F 9/09 6C07D 309/12 6C07D 307/20 6C07D 317/24 6A61K 31/335 6A61K 31/66 6A61K 31/70</b> [25] EN [54] <b>PRODRUGS OF ASPARTYL PROTEASE INHIBITORS</b> [54] <b>PRO-MEDICAMENTS QUI SONT DES INHIBITEURS DE L'ASPARTYL PROTEASE</b> [72] TUNG, ROGER D., US [72] KAZMIERSKI, WIESLAW MIECZYSLAW, US [72] HALE, MICHAEL R., US [72] BAKER, CHRISTOPHER T., US [72] SPALTENSTEIN, ANDREW, US [72] KALDOR, ISTVAN, US [72] FURFINE, ERIC STEVEN, US [71] VERTEX PHARMACEUTICALS INCORPORATED, US [85] 2000-06-23 [86] 1998-12-23 (PCT/US98/27424) [87] 1999-07-08 (WO99/33793) [30] US (60/068,889) 1997-12-24</p>
<p style="text-align: right;">[21] <b>2,316,211</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F01N 3/28 6F23G 7/06</b> [25] EN [54] <b>CATALYTIC GAS TREATMENT DEVICE</b> [54] <b>DISPOSITIF DE TRAITEMENT CATALYTIQUE DES GAZ</b> [72] HEED, BJORN, SE [71] HEED, BJORN, SE [85] 2000-06-22 [86] 1999-01-25 (PCT/SE99/00095) [87] 1999-07-29 (WO99/37897) [30] SE (9800197-7) 1998-01-26</p>		



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[21] **2,316,220**  
[13] A1

[51] **Int.Cl. 7C08G 18/08 7C09D 17/00 7C09D 175/04 7C08G 18/12**  
[25] EN  
[54] **WATER-DILUTABLE BINDING AGENT COMPOSITION**  
[54] **COMPOSITION DE LIANT DILUABLE A L'EAU**  
[72] SCHAFFER, HERMANN, DE  
[72] GOBEL, ARMIN, DE  
[72] VOGT-BIRNBRICH, BETTINA, DE  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-06-23  
[86] 1999-09-24 (PCT/EP99/07108)  
[87] 2000-05-04 (WO00/24797)  
[30] DE (198 49 207.3) 1998-10-26

[21] **2,316,227**  
[13] A1

[51] **Int.Cl. 6H04L 9/30**  
[25] EN  
[54] **LEAK-RESISTANT CRYPTOGRAPHIC METHOD AND APPARATUS**  
[54] **PROCEDE ET APPAREIL CRYPTOGRAPHIQUES RESISTANT AUX FUITES**  
[72] JAFFE, JOSHUA M., US  
[72] KOCHER, PAUL C., US  
[71] CRYPTOGRAPHY RESEARCH, INC., US  
[85] 2000-06-23  
[86] 1998-12-31 (PCT/US98/27896)  
[87] 1999-07-15 (WO99/35782)  
[30] US (60/070,344) 1998-01-02  
[30] US (60/089,529) 1998-06-15

[21] **2,316,232**  
[13] A1

[51] **Int.Cl. 6H04N 7/01**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR REDUCING FLICKER IN THE TELEVISION DISPLAY OF NETWORK APPLICATION DATA**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE REDUIRE LE SCINTILLEMENT D'UN AFFICHAGE TELEVISUEL DE DONNEES D'APPLICATION DE RESEAU**  
[72] BRIL, VLAD, US  
[71] TELECRUZ TECHNOLOGY, INC., US  
[85] 2000-06-23  
[86] 1998-12-14 (PCT/US98/26544)  
[87] 1999-07-08 (WO99/34595)  
[30] US (09/001,410) 1997-12-31

[21] **2,316,222**  
[13] A1

[51] **Int.Cl. 6C02F 9/00 6C02F 1/32 6C02F 1/44**  
[25] EN  
[54] **A METHOD AND A SYSTEM FOR PURIFYING WATER**  
[54] **PROCEDE ET SYSTEME DE PURIFICATION DE L'EAU**  
[72] KAAS, POVL, DK  
[71] KAAS, POVL, DK  
[85] 2000-06-22  
[86] 1998-12-29 (PCT/DK98/00584)  
[87] 1999-07-08 (WO99/33752)  
[30] DK (1550/97) 1997-12-29

[21] **2,316,229**  
[13] A1

[51] **Int.Cl. 6F16H 57/02**  
[25] EN  
[54] **MODULAR HOUSING FOR VEHICULAR POWER TRANSFER DEVICES**  
[54] **CARTER MODULAIRE POUR DISPOSITIFS DE TRANSMISSION D'ENERGIE DE VEHICULE**  
[72] SCHLEUDER, CARL D., US  
[71] NEW VENTURE GEAR, INC., US  
[85] 2000-06-23  
[86] 1999-01-08 (PCT/US99/00511)  
[87] 1999-07-15 (WO99/35420)  
[30] US (60/071,166) 1998-01-12  
[30] US (09/220,485) 1998-12-23

[21] **2,316,233**  
[13] A1

[51] **Int.Cl. 6G01J 1/04**  
[25] EN  
[54] **OPTICAL ARRAY CONVERTING UV**  
[54] **OPTIQUE DE CONVERSION DES ULTRAVIOLETS**  
[72] KUKLINSKI, JAN, PL  
[71] KUKLINSKI, JAN, PL  
[85] 2000-06-22  
[86] 1997-12-29 (PCT/PL97/00033)  
[87] 1998-07-09 (WO98/29715)  
[30] PL (P.317746) 1996-12-30

[21] **2,316,225**  
[13] A1

[51] **Int.Cl. 6G01J 1/42**  
[25] EN  
[54] **A DEVICE FOR INTENSITY MEASUREMENT OF UV LIGHT FROM A LAMP AND A UV-TREATMENT PLANT EQUIPPED WITH SUCH A DEVICE**  
[54] **DISPOSITIF DE MESURE DE L'INTENSITE DES RAYONS UV D'UNE LAMPE ET INSTALLATION DE TRAITEMENT PAR UV EQUIPEE DE CE DISPOSITIF**  
[72] KAAS, POVL, DK  
[71] KAAS, POVL, DK  
[85] 2000-06-22  
[86] 1999-01-27 (PCT/DK99/00039)  
[87] 1999-07-29 (WO99/37978)  
[30] DK (0116/98) 1998-01-27

[21] **2,316,230**  
[13] A1

[51] **Int.Cl. 6G06F 17/40 6A47K 10/00 6A47K 5/12**  
[25] EN  
[54] **SYSTEM AND METHOD FOR COLLECTING DATA ON PRODUCT CONSUMPTION**  
[54] **SYSTEME ET PROCEDE PERMETTANT DE RECUEILLIR DES DONNEES RELATIVES A LA CONSOMMATION D'UN PRODUIT**  
[72] OYLER, JOHN R., GB  
[72] McCONNELL, WESLEY J., US  
[72] WINDER, JAMES A., GB  
[72] GEMMELL, BRUCE M., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2000-06-22  
[86] 1998-12-22 (PCT/US98/27387)  
[87] 1999-07-01 (WO99/33008)  
[30] US (08/997,218) 1997-12-23

[21] **2,316,234**  
[13] A1

[51] **Int.Cl. 6H04N 7/01**  
[25] EN  
[54] **FLICKER FILTER AND INTERLACER IMPLEMENTED IN A TELEVISION SYSTEM DISPLAYING NETWORK APPLICATION DATA**  
[54] **FILTRE ANTI-SCINTILLEMENT ET ENTRELACEUR MIS EN OEUVRE DANS UN SYSTEME DE TELEVISION AFFICHANT DES DONNEES D'APPLICATION DE RESEAU**  
[72] BRIL, VLAD, US  
[71] TELECRUZ TECHNOLOGY, INC., US  
[85] 2000-06-23  
[86] 1998-12-14 (PCT/US98/26545)  
[87] 1999-07-08 (WO99/34596)  
[30] US (09/001,304) 1997-12-31

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[21] **2,316,235**  
[13] A1

[51] **Int.Cl. 6C07C 275/42 6A61K 31/17 6C07D 207/27 6A61K 31/40**  
[25] EN  
[54] **SUBSTITUTED .BETA.-ALANINES**  
[54] **.BETA.-ALANINES SUBSTITUEES**  
[72] MORLEY, ANDREW DAVID, GB  
[72] HARRIS, NEIL VICTOR, GB  
[72] ASTLES, PETER CHARLES, GB  
[71] AVENTIS PHARMA LIMITED, GB  
[85] 2000-06-22  
[86] 1998-12-23 (PCT/GB98/03859)  
[87] 1999-07-08 (WO99/33789)  
[30] GB (9727532.5) 1997-12-23  
[30] US (60/092,602) 1998-07-13

[21] **2,316,236**  
[13] A1

[51] **Int.Cl. 6F16C 32/06**  
[25] EN  
[54] **HYDROSTATIC PRE-LOAD PISTON**  
[54] **PISTON DE PRECHARGE HYDROSTATIQUE**  
[72] PFLAGER, WILLIAM W., US  
[72] METZLER, JOEL, US  
[71] UNOVA IP CORP., US  
[85] 2000-06-23  
[86] 1999-02-18 (PCT/US99/01878)  
[87] 1999-08-26 (WO99/42736)  
[30] US (09/026,560) 1998-02-23

[21] **2,316,237**  
[13] A1

[51] **Int.Cl. 6A61F 2/04 6A61M 5/00 6A61M 29/00 6A61F 2/06 6A61F 2/54**  
[25] EN  
[54] **IMPLANTABLE CEREBRAL PROTECTION DEVICE AND METHODS OF USE**  
[54] **DISPOSITIF IMPLANTABLE DE PROTECTION CEREBRALE ET SON PROCEDE D'UTILISATION**  
[72] HATTORI, SACHIKO, US  
[72] MCKENZIE, JOHN R., US  
[71] EMBOL-X, INC., US  
[85] 2000-06-22  
[86] 1998-12-21 (PCT/US98/27215)  
[87] 1999-07-01 (WO99/32050)  
[30] US (08/996,532) 1997-12-23

[21] **2,316,238**  
[13] A1

[51] **Int.Cl. 6E04C 2/04 6E04C 5/07**  
[25] EN  
[54] **STRUCTURAL TIE SHEAR CONNECTOR FOR CONCRETE AND INSULATION SANDWICH WALLS**  
[54] **CONNECTEUR DE TIRANTS STRUCTURAUX POUR PAROIS SANDWICH ISOLANTES EN BETON**  
[72] CLARK, TIMOTHY L., US  
[71] DELTA-TIE, INC., US  
[85] 2000-06-23  
[86] 1998-12-22 (PCT/US98/27225)  
[87] 1999-07-08 (WO99/34071)  
[30] US (08/997,908) 1997-12-24

[21] **2,316,239**  
[13] A1

[51] **Int.Cl. 6G06F 11/20 6G06F 11/10 6H04N 7/173**  
[25] EN  
[54] **COMPUTER SYSTEM AND PROCESS FOR TRANSFERRING MULTIPLE HIGH BANDWIDTH STREAMS OF DATA BETWEEN MULTIPLE STORAGE UNITS AND MULTIPLE APPLICATIONS IN A SCALABLE AND RELIABLE MANNER**  
[54] **SYSTEME INFORMATIQUE ET PROCEDE DE TRANSFERT DE MULTIPLES TRAINS DE DONNEES A GRANDE LARGEUR DE BANDE ENTRE DE MULTIPLES UNITES DE STOCKAGE ET DE MULTIPLES APPLICATIONS, DE MANIERE FIABLE ET MODULABLE**  
[72] FASCIANO, PETER J., US  
[72] RABINOWITZ, STANLEY, US  
[72] PETERS, ERIC C., US  
[72] GILLETT, RICHARD BAKER JR., US  
[72] JACOBS, HERBERT R., US  
[71] AVID TECHNOLOGY, INC., US  
[85] 2000-06-22  
[86] 1998-12-21 (PCT/US98/27199)  
[87] 1999-07-08 (WO99/34291)  
[30] US (08/997,769) 1997-12-24  
[30] US (09/006,070) 1998-01-12  
[30] US (09/054,761) 1998-04-03

[21] **2,316,240**  
[13] A1

[51] **Int.Cl. 6A61B 17/22 6F16D 43/14 6F16D 43/18**  
[25] EN  
[54] **ROTATIONAL ATHERECTOMY DEVICE WITH RADIALY EXPANDABLE PRIME MOVER COUPLING**  
[54] **INSTRUMENT D'ATHERECTOMIE ROTATIF AVEC COUPLEUR DE PARTIE MOTRICE EXTENSIBLE RADIALEMENT**  
[72] VOLKOV, LEONID, US  
[72] SHTURMAN, LEONID, US  
[71] SHTURMAN CARDIOLOGY SYSTEMS, INC., US  
[85] 2000-06-23  
[86] 1997-10-31 (PCT/US97/19835)  
[87] 1999-05-06 (WO99/21492)  
[30] US (08/957,942) 1997-10-27

[21] **2,316,241**  
[13] A1

[51] **Int.Cl. 6B29C 70/32 6B29C 70/44 6B29C 70/54**  
[25] EN  
[54] **FIBER REINFORCED COMPOSITE SPAR FOR ROTARY WING AIRCRAFT AND METHOD AND APPARATUS FOR THE MANUFACTURE THEREOF**  
[54] **LONGERON COMPOSITE RENFORCE PAR DES FIBRES POUR ENGIN A VOILURE TOURNANTE, ET PROCEDE ET APPAREIL DE FABRICATION**  
[72] TRUDEAU, ALLEN E., US  
[72] ISZCZYSZYN, NICHOLAS, US  
[72] KOVALSKY, DAVID A., US  
[71] SIKORSKY AIRCRAFT CORPORATION, US  
[85] 2000-06-22  
[86] 1998-12-09 (PCT/US98/26108)  
[87] 1999-07-01 (WO99/32273)  
[30] US (08/996,759) 1997-12-23

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,316,242</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04R 25/00</b> [25] EN [54] <b>DYNAMIC AUTOMATIC GAIN CONTROL IN A HEARING AID</b> [54] <b>COMMANDE DYNAMIQUE DE GAIN AUTOMATIQUE DANS UNE PROTHESE AUDITIVE</b> [72] LUDVIGSEN, CARL, DK [71] TOPHOLM &amp; WESTERMANN APS, DK [85] 2000-06-23 [86] 1997-12-23 (PCT/DK97/00598) [87] 1999-07-08 (WO99/34642)</p>	<p style="text-align: right;">[21] <b>2,316,246</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C13K 1/00 6B01D 15/08</b> [25] EN [54] <b>METHOD FOR PRODUCING XYLOSE</b> [54] <b>PROCEDE DE PRODUCTION DE XYLOSE</b> [72] HEIKKILA, HEIKKI, FI [72] KUISMA, JARMO, FI [72] LINDROOS, MIRJA, FI [72] EROMA, OLLI-PEKKA, FI [72] PUUPPO, OUTI, FI [71] XYROFIN OY, FI [85] 2000-06-22 [86] 1998-12-22 (PCT/FI98/01013) [87] 1999-07-08 (WO99/34021) [30] FI (974625) 1997-12-23</p>	<p style="text-align: right;">[21] <b>2,316,269</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 14/47 6G01N 33/53</b> [25] FR [54] <b>EPITOPES PEPTIDIQUES RECONNUS PAR DES AUTO-ANTICORPS ANTIFILAGGRINE PRESENTS DANS LE SERUM DES PATIENTS ATTEINTS DE POLYARTHRITE RHUMATOIDE</b> [54] <b>PEPTIDE EPITOPES RECOGNISED BY ANTIFILAGGRIN AUTOANTIBODIES IN SERUM FROM RHEUMATOID ARTHRITIS PATIENTS</b> [72] ARNAUD, MICHEL, FR [72] JOLIVET, MICHEL, FR [72] JOLIVET-REYNAUD, COLETTE, FR [72] DALBON, PASCAL, FR [72] SEBBAG, MIREILLE, FR [72] VINCENT, CHRISTIAN, FR [72] SIMON, MICHEL, FR [72] GIRBAL-NEUHAUSER, ELISABETH, FR [72] SERRE, GUY, FR [71] BIOMERIEUX, FR [85] 2000-06-22 [86] 1998-12-29 (PCT/FR98/02899) [87] 1999-07-15 (WO99/35167) [30] FR (97/16673) 1997-12-30</p>
<p style="text-align: right;">[21] <b>2,316,243</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B64C 27/00 6F16F 15/00 6G10K 11/178</b> [25] EN [54] <b>ACTIVE NOISE CONTROL SYSTEM FOR A HELICOPTER GEARBOX MOUNT</b> [54] <b>SYSTEME DE LUTTE ACTIVE CONTRE LE BRUIT DESTINE AU SUPPORT DE LA BOITE DE VITESSE D'UN HELICOPTERE</b> [72] WELSH, WILLIAM A., US [72] YOERKIE, CHARLES A., JR., US [71] SIKORSKY AIRCRAFT CORPORATION, US [85] 2000-06-22 [86] 1998-12-04 (PCT/US98/25867) [87] 1999-07-01 (WO99/32356) [30] US (08/996,955) 1997-12-23</p>	<p style="text-align: right;">[21] <b>2,316,248</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 47/10 6A61L 31/00 6A61K 47/12 6A61K 47/32 6A61K 47/40</b> [25] EN [54] <b>METHODS AND COMPOSITIONS FOR THE DELIVERY OF PHARMACEUTICAL AGENTS AND/OR THE PREVENTION OF ADHESIONS</b> [54] <b>METHODES ET COMPOSITIONS POUR L'APPORT D'AGENTS PHARMACEUTIQUES ET/OU LA PREVENTION D'ADHERENCES</b> [72] FLORE, STEPHEN G., US [72] DELLAMARY, LUIS A., US [72] REEVE, LORRAINE E., US [72] WEERS, JEFFRY G., US [71] ALLIANCE PHARMACEUTICAL CORP., US [85] 2000-06-22 [86] 1997-12-23 (PCT/US97/23865) [87] 1999-07-01 (WO99/32151)</p>	<p style="text-align: right;">[21] <b>2,316,270</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29C 45/76 6G05B 19/418 6B29C 45/77</b> [25] EN [54] <b>METHOD FOR EVALUATING MOULDED PARTS</b> [54] <b>PROCEDE POUR EVALUER DES PIECES MOULEES</b> [72] HEHL, KARL, DE [71] HEHL, KARL, DE [85] 2000-06-22 [86] 1999-05-01 (PCT/EP99/00018) [87] 1999-07-29 (WO99/37462) [30] DE (198 01 881.9) 1998-01-20</p>
<p style="text-align: right;">[21] <b>2,316,244</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G05D 1/00 6G05D 1/08</b> [25] EN [54] <b>COMPENSATION FOR ROTORCRAFT PITCH AXIS CONTROL SATURATION</b> [54] <b>COMPENSATION DE LA SATURATION DE LA COMMANDE DE L'AXE DE TANGAGE D'UN GIRAVION</b> [72] DRISCOLL, JOSEPH T., US [72] GOLD, PHILLIP J., US [71] SIKORSKY AIRCRAFT CORPORATION, US [85] 2000-06-22 [86] 1998-12-04 (PCT/US98/25869) [87] 1999-07-01 (WO99/32951) [30] US (08/996,692) 1997-12-23</p>	<p style="text-align: right;">[21] <b>2,316,268</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E04H 15/20</b> [25] FR [54] <b>VOUTE GONFLABLE, DEPLOYABLE ET ESCAMOTABLE</b> [54] <b>DEPLOYABLE AND STORABLE INFLATABLE BUILDING</b> [72] DELAMARE, GUY ROBERT, FR [71] S.A. SPIRONEF TECHNOLOGIES, FR [85] 2000-06-22 [86] 1998-12-09 (PCT/FR98/02675) [87] 1999-07-08 (WO99/34078) [30] FR (97/16525) 1997-12-24</p>	

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[21] **2,316,271**

[13] A1

[51] **Int.Cl. 6C09K 19/02 6C09K 19/38**  
[25] EN  
[54] **MICROPHASE STABILIZED FERROELECTRIC LIQUID CRYSTALS**  
[54] **CRISTAUX LIQUIDES FERROELECTRIQUES STABILISES EN MICROPHASE**  
[72] OBER, CHRISTOPHER K., US  
[72] THOMAS, EDWIN L., US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[71] CORNELL UNIVERSITY RESEARCH FOUNDATION, INC., US  
[85] 2000-06-22  
[86] 1998-12-23 (PCT/US98/27399)  
[87] 1999-07-01 (WO99/32576)  
[30] US (08/996,570) 1997-12-23

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[21] **2,316,446**

[13] A1

[51] **Int.Cl. 6C02F 1/463 6C02F 1/46**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ELECTROCOAGULATION OF LIQUIDS**  
[54] **PROCEDE ET APPAREIL POUR L'ELECTROCOAGULATION DE LIQUIDES**  
[72] POWELL, SCOTT WADE, US  
[71] POWELL, SCOTT WADE, US  
[85] 2000-08-25  
[86] 1999-02-26 (PCT/US99/04312)  
[87] 1999-09-02 (WO99/43617)  
[30] US (60/076,298) 1998-02-27

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[21] **2,316,580**

[13] A1

[51] **Int.Cl. 6A01K 15/02**  
[25] EN  
[54] **BOUNCING PET TOY**  
[54] **JOUET A REBOND POUR ANIMAL DE COMPAGNIE**  
[72] MARKHAM, JOSEPH P., US  
[71] BOUNCE, INC. D/B/A THE KONG COMPANY, US  
[85] 2000-08-31  
[86] 1999-03-08 (PCT/US99/05148)  
[87] 1999-09-16 (WO99/45763)  
[30] US (09/041,218) 1998-03-12

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[21] **2,316,612**

[13] A1

[51] **Int.Cl. 6C12N 15/60 6A01H 5/00 6C12Q 1/02 6C12N 15/82**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR REGULATING CELL DEATH AND ENHANCING DISEASE RESISTANCE TO PLANT PATHOGENS**  
[54] **METHODES ET COMPOSITIONS REGULANT LA MORT CELLULAIRE ET RENFORCANT LA RESISTANCE AUX MALADIES DUES AUX AGENTS PATHOGENES DES VEGETAUX**  
[72] JOHAL, GURMUKH S., US  
[72] BRIGGS, STEVEN P., US  
[72] HU, GONGSHE, US  
[72] GRAY, JOHN, US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[71] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US  
[85] 2000-09-01  
[86] 1999-03-03 (PCT/US99/04702)  
[87] 1999-09-10 (WO99/45125)  
[30] US (60/076,754) 1998-03-04

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[21] **2,315,745**  
[13] A1  
[51] **Int.Cl. 7H04M 1/64 7H04M 1/57**  
[25] EN  
[54] **COMPUTER-BASED MULTIFUNCTION PERSONAL COMMUNICATION SYSTEM WITH CALLER ID**  
[54] **SYSTEME DE COMMUNICATIONS PERSONNELLES MULTIFONCTION INFORMATISEE AVEC IDENTIFICATION DU DEMANDEUR**  
[72] CASWELL, TY J., US  
[72] DAVIS, JEFFREY P., US  
[72] REINARTS, TIMOTHY J., US  
[72] JOHNSON, GREGORY R., US  
[72] SUN, TING, US  
[71] MULTI-TECH SYSTEMS, INC., US  
[22] 1995-11-09  
[43] 1996-05-23  
[62] 2,204,416  
[30] US (08/338,340) 1994-11-10

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[21] **2,315,806**  
[13] A1  
[51] **Int.Cl. 7B05D 3/08**  
[25] EN  
[54] **ONE SIDE HEAT SEALABLE POLYPROPYLENE FILM**  
[54] **PELLICULE DE POLYPROPYLENE THERMOSCCELLABLE SUR UNE FACE**  
[72] KEUNG, JAY KIN, US  
[72] BALLONI, RICCARDO, US  
[72] KELLER, LAJOS EDWARD, LU  
[71] MOBIL OIL CORPORATION, US  
[22] 1990-08-03  
[43] 1991-02-05  
[62] 2,022,704  
[30] US (389,440) 1989-08-04

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[21] **2,315,849**  
[13] A1  
[51] **Int.Cl. 7C09K 3/18 7A01N 37/00 7A01N 47/06 7A01N 33/12**  
[25] EN  
[54] **QUATERNARY AMMONIUM AND WATERPROOFING/PRESERVATIVE COMPOSITIONS**  
[54] **AMMONIUM QUATERNAIRE ET COMPOSITIONS A BASE DE CE PRODUIT ET D'AGENTS HYDROFUGES**  
[72] WALKER, LEIGH, US  
[71] LONZA INC., US  
[22] 1994-06-09  
[43] 1994-12-22  
[62] 2,162,128  
[30] US (074,136) 1993-06-09  
[30] US (074,312) 1993-06-09  
[30] US (074,313) 1993-06-09  
[30] US (074,314) 1993-06-09

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[21] **2,315,877**  
[13] A1  
[51] **Int.Cl. 7A61K 35/14 7A61K 31/02 7A61K 47/06 7A61K 9/10 7A61K 38/42 7A61K 35/78**  
[25] EN  
[54] **FACILITATED OXYGEN DELIVERY IN CONJUNCTION WITH HEMODILUTION**  
[54] **FACILITATION DE L'OXYGENATION ASSOCIEE A UNE HEMODILUTION**  
[72] ROTH, DUANE J., US  
[72] KEIPERT, PETER E., US  
[72] RIESS, JANE G., US  
[72] FAITHFUL, NICHOLAS SIMON, US  
[72] ZUCK, THOMAS F., US  
[71] ALLIANCE PHARMACEUTICAL CORP., US  
[22] 1993-02-26  
[43] 1993-09-02  
[62] 2,117,528  
[30] US (07/843,518) 1992-02-26

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[21] **2,316,038**  
[13] A1  
[51] **Int.Cl. 7C09K 7/04 7C04B 22/00 7E21B 33/138**  
[25] EN  
[54] **COMPOSITION AND METHOD FOR CEMENTING A WELL**  
[54] **COMPOSITION ET METHODE SERVANT A CIMENTER UN PUIT**  
[72] CHILDS, JERRY D., US  
[72] RILEY, WENDELL D., US  
[71] HALLIBURTON COMPANY, US  
[22] 1992-06-19  
[43] 1992-12-22  
[62] 2,071,722  
[30] US (718,679) 1991-06-21

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[21] **2,316,052**  
[13] A1  
[51] **Int.Cl. 7C07K 7/06 7A61P 31/00 7A61K 38/08 7A61K 9/16 7A61K 38/16 7A61K 38/22 7A61K 47/30 7A61K 9/50**  
[25] EN  
[54] **SUSTAINED RELEASE FORMULATIONS OF WATER SOLUBLE PEPTIDES**  
[54] **FORMULES DE PEPTIDES HYDROSOLUBLES A LIBERATION CONTINUE**  
[72] NAGELE, OSKAR, CH  
[72] FONG, JONES WING, US  
[72] PEARSON, JANE EDNA, US  
[72] MAULDING, HAWKINS VALLIANT, US  
[72] BODMER, DAVID, CH  
[72] KISSEL, THOMAS, DE  
[71] NAGELE, OSKAR, CH  
[71] FONG, JONES WING, US  
[71] PEARSON, JANE EDNA, US  
[71] MAULDING, HAWKINS VALLIANT, US  
[71] BODMER, DAVID, CH  
[71] KISSEL, THOMAS, DE  
[22] 1990-07-05  
[43] 1991-01-08  
[62] 2,020,477  
[30] US (377,023) 1989-07-07  
[30] US (411,347) 1989-09-22

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ALER, MARK D.	2,301,934	AZUMI, NAOYA	2,301,371	BRUCKNER, JOSEF	2,301,423
ALERT SAFETY LITE		BACHE, JOHN CEDRIC	2,300,761	BRUN, PIERRE	2,299,681
PRODUCTS CO., INC.	2,299,544	BAIN, THOMAS W.	2,301,450	BRUNAZZI, ACHILLE	2,301,976
ALERT STAMPING AND		BAKER HUGHES		BRUYNS, Michael	2,266,164
MANUFACTURING CO.,		INCORPORATED	2,300,599	BULLOCK, Robert E.	2,266,254
INC.	2,300,738	BAKER HUGHES		BUMBARGER, BRIAN K..	2,302,987
ALESSI, Joseph	2,266,043	INCORPORATED	2,302,062	BUMBARGER, SCOTT A.	2,302,987
ALESSI, Nancy Patricia	2,266,043	BAKHTAR, FEREIDOOON A.	2,300,709	BUMBARGER, THOMAS H.	2,302,987
ALLTEMP SENSORS INC.	2,266,148	BALDOCK, MICHAEL	2,266,148	BURG, FREDERICK MURRAY	2,299,901
ALMAJED, ZEYAD	2,300,400	BALLINGER, James R.	2,266,298	BURMAN, M. ROBERT	2,296,864
ALUMINART PRODUCTS		BALZAR, RODNEY J.	2,301,298	BURNS, JOHN C.	2,266,262
LIMITED	2,266,254	BARNES, Richard L.	2,265,006	BUTIGIEG, JOHNNY	2,301,495
ALUMINIUM ALLOIES &		BARSS, ROBERT P.	2,300,519	CAMPBELL, DAVE	2,301,961
METALLURGICAL		BASF CORPORATION	2,283,031	CAMPBELL, JOHN	2,286,426
PROCESSES LIMITED	2,301,487	BASTERES, LAURENT	2,301,988	CANIMEX INC.	2,263,666
AMANO, MASAHARU	2,301,797	BATESVILLE SERVICES, INC.	2,299,060	CANON KABUSHIKI KAISHA	2,300,651
AMCOL INTERNATIONAL		BATESVILLE SERVICES, INC.	2,301,322	CAPORUSCIO, ROBERT	2,297,304
CORPORATION	2,299,705	BAULIER, DOMINIQUE	2,299,796	CARONIA, PAUL JOSEPH	2,301,302
AMCOL INTERNATIONAL		BEAUDOIN, Michel	2,263,666	CARONIA, PAUL JOSEPH	2,301,305
CORPORATION	2,299,761	BEISSBARTH GMBH	2,300,783	CARPENTER, KEITH A.	2,301,462
AMERICAN DYE SOURCE,		BEND RESEARCH, INC.	2,300,519	CARPENTER, WILBUR A.	2,279,067
INC.	2,266,263	BENTLEY, JON LOUIS	2,299,902	CARR, Larrie	2,265,346
ANDERSON, RICHARD N.	2,301,931	BERBAKOV, PAUL J.	2,298,085	CARR, LARRIE S.	2,292,083
ANDERSON, Ross	2,266,835	BERESNEV, LEONID	2,301,457	CASSELMAN, PATRICK H.	2,279,067
ANSARI, AFTAB A.	2,300,792	BETA PICTORIS INC.	2,289,908	CASTONGUAY, Jean-Yves	2,265,036
AOKI, OSAMU	2,301,310	BIOGRIP, INC.	2,266,754	CEDARAPIDS INC.	2,298,331
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APQUIP COMPANY, LLC	2,300,013	BIRRELL, JAMES S.	2,299,979	CEDARAPIDS INC.	2,298,365
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ARES S.A.	2,300,564	BISSON, Terry A.	2,266,281	CEDARAPIDS INC.	2,298,415

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CEDARAPIDS INC.	2,298,724	DENNIS, Larry D.	2,266,237	FOSTER, GEORGE NORRIS	2,301,492
CEDARAPIDS INC.	2,301,804	DEUTSCHE TELEKOM AG	2,301,457	FOUCAULT, PIERRE-LOUIS	2,263,666
CHALIFOUX, MARTIN	2,292,083	DEVIATKIN, VLADIMIR N.	2,301,487	FRANCO MUNOZ, Jesus	2,266,180
CHAMPION, MARK	2,301,458	DEVILBISS AIR POWER COMPANY	2,296,259	FRANCO MUNOZ, Joaquin	2,266,180
CHARBONNEAU, Armand J.	2,268,412	DEVINNEY, ERIK T.	2,300,851	FRIEDRICH, HANS	2,301,423
CHECK, JOHN M.	2,302,976	DIDIER-WERKE AG	2,300,717	FRIEDRICH, KARSTEN	2,300,790
CHEN, JIAYU	2,299,885	DIGNAT, JEAN-FRANCOIS	2,301,927	FRIESEN, DWAYNE T.	2,300,519
CHEN, Lily	2,266,187	DIVERSITY PRODUCTS LTD.	2,266,337	FUKUDA, Yasuki	2,273,834
CHEN, TONG	2,301,492	DIVERSITY PRODUCTS LTD.	2,266,344	FURLETOV, VICTOR I.	2,276,571
CHEN, Tsan-Jee	2,266,213	DODGE, MICHAEL	2,299,791	FURNO, JOHN SALVATORE	2,301,302
CHENG, ALAN TAT YAN	2,301,494	DONINI, ESTORE ADELINO	2,300,709	FURNO, JOHN SALVATORE	2,301,305
CHENG, Tung	2,266,175	DORSCH, NORMAN	2,300,802	G. AGRATI S.N.C. DI AGRATI GIUSEPPE & C.	2,301,430
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CHEPPE, PATRICK	2,301,986	DREMINE, IGOR M.	2,276,571	GABRIELE, ANGELO	2,270,638
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CHIZICK, Stephen	2,266,188	DRINKWATER, DANIEL C.	2,280,114	GAGNON, Benoit	2,266,606
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CICCHESE, GUIDO MANLIO	2,299,983	DUCHAZE AUBENEIX, JEAN-MICHEL	2,301,986	GAMMIE, Quinn	2,266,132
CLARE, LOREN P.	2,299,733	DULTZ, WOLFGANG	2,301,457	GARASINO, ALAIN PIERRE	2,300,571
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CLOUD, FRANK B.	2,295,473	EATON CORPORATION	2,300,400	GATTUSO, Mark J.	2,266,299
CMC CINEMA MAGNETIQUE COMMUNICATION	2,266,919	EGAN, JAMES E.	2,301,954	GAUTHIER, Catherine	2,266,283
COLSON, WENDELL B.	2,301,931	EHRMANN, ELMAR	2,300,755	GEBKA, JOHN	2,293,908
COMER GROUP S.P.A.	2,301,976	EKMAN, THURE	2,298,910	GENERAL INSTRUMENT CORPORATION	2,301,935
COMMAND AUDIO CORPORATION	2,300,385	ELLETT, James Richard	2,266,806	GENERAL MOTORS CORPORATION	2,286,426
COMPAGNIE DU SOL	2,301,495	ELLI, MARINA	2,299,937	GERBER SCIENTIFIC PRODUCTS, INC.	2,301,786
COOK, James Kenneth	2,265,398	ELWALID, ANWAR	2,299,785	GERIA, NAVIN MANOHAR	2,296,200
COOK, JAMES KENNETH	2,302,459	EMS-CHEMIE AG	2,300,543	GERSHWIN, M. ERIC	2,300,792
COOTE, Alexander Harcus	2,266,247	ENGINE WORLD, INC.	2,266,804	GHELFI, GIUSEPPE	2,300,784
CORVASCE, FILOMENO GENNARO	2,297,505	ESLAMBOLCHI, HOSSEIN	2,299,766	GINZBURG, VLADIMIR B.	2,300,709
CORVASCE, FILOMENO GENNARO	2,297,508	ESPIARD, PHILIPPE	2,301,248	GISMONDI, A.	2,265,174
COSMAN, MICHAEL A.	2,301,293	EVANS & SUTHERLAND COMPUTER CORPORATION	2,301,293	GLAS PLATZ	2,266,713
COTE, STEEVE STEPHEN	2,301,490	EWER, STEPHEN R.	2,300,816	GLAZE, ALAN RICHARD	2,300,728
COTLEAR DE WITZMANN, MONICA	2,301,961	FAIRCHILD, BRIAN D.	2,295,428	GLENN, WILLIAM G.	2,302,456
COULTER, Greg J.	2,266,254	FALZON, FREDERIC	2,300,503	GLOVER, Bryan K.	2,266,218
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CULTILENE BV	2,301,248	FÄRGKLÄMMAN AB	2,298,143	GONTHIER, FRANÇOIS	2,266,195
CWIKLINSKI, WOJCIECH	2,291,387	FARMER ENGINEERING GESELLSCHAFT M.B.H.	2,263,638	GONZALES, JAMES E.	2,295,473
CWIKLINSKI, Wojciech	2,265,093	FAST INDUSTRIES, LTD.	2,293,908	GOODWIN, JOHN C., III	2,296,454
DABDOUB, CHANTAL	2,301,385	FATEHI, MOHAMMAD T.	2,300,235	GOODWIN, JOHN C., III	2,296,456
DAHL, CHET J.	2,300,037	FAUSER, DAVID D.	2,279,067	GORDON, CARRIE LYNN	2,298,861
DAHL, CHET J.	2,301,353	FEDATO, RINO A.	2,286,426	GRAND POLYMER CO., LTD.	2,301,310
DANIELI UNITED, A DIVISION OF DANIELI CORPORATION	2,300,709	FEDERMAN, Vladimir	2,266,337	GRANDCHAMP, LISETTE	2,283,390
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DAUGHERTY, DAVID W., JR.	2,298,286	FISHMAN, SAUL DANIEL	2,299,885	GRAPH-A-HOLDING AG	2,301,431
DAVIS, HARRY H.	2,300,565	FITZ, JONATHAN G.	2,301,339	GRAVES, ERIC S.	2,298,286
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DELTA CAPILLARY PRODUCTS LIMITED	2,300,728	FORDE, Peter A.	2,266,141	GRZYWNA, STANLEY E.	2,299,544
DELTA CAPILLARY PRODUCTS LIMITED	2,300,730	FORMEX AB	2,300,759	GRZYWNA, STANLEY E.	2,300,738
		FORSTER, BIRGIT	2,301,484	GU, JIN H.	2,301,934
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ILLINOIS TOOL WORKS INC.	2,297,524	KESSLER, KENNETH E.	2,289,877	LANGEN PACKAGING INC.	2,266,502
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LUCENT TECHNOLOGIES INC.	2,299,785	MOCHIZUKI, ISAO	2,300,688	OJI PAPER CO., LTD.	2,301,371
LUCENT TECHNOLOGIES INC.	2,299,902	MOCKEL, BETTINA	2,301,407	OLESKE, PETER J.	2,299,681
LUCENT TECHNOLOGIES INC.	2,300,235	MOFFORD, EDMUND FRANK	2,301,385	OMATA, KAZUHIKO	2,300,651
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MARK IV INDUSTRIES LIMITED	2,302,459	MURAKAMI, KATSUYA	2,300,651	O'SHEA, Jules	2,266,282
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MASCHINENBAU KRUMSCHEID GMBH	2,281,329	MURGIA, CARLO	2,300,647	OSTERGAARD, DAVID A.	2,298,365
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MATRA NORTEL COMMUNICATIONS	2,300,646	MYBURGH, HERMAN	2,302,057	OSTERGAARD, DAVID A.	2,298,415
MATRA NORTEL COMMUNICATIONS	2,300,647	NAKANO, YOSHIKI	2,300,787	OSTERGAARD, DAVID A.	2,301,804
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MCDERMOTT TECHNOLOGY, INC.	2,298,085	NAUMANN, ULRICH	2,300,790	PAINCHAUD, MAURICE	2,302,991
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ASTRAZENECA AB	2,315,927	BENSON, DOUGLAS HERRIN	2,315,687	CARLUCCI, GIOVANNI	2,315,771
ATASSI, GHANEM	2,315,909	BENSON, DOUGLAS HERRIN	2,315,688	CARLUCCI, GIOVANNI	2,315,772
ATO FINDLEY S.A.	2,315,881	BERG, GUNTER	2,315,755	CARLUCCI, GIOVANNI	2,315,863
AUSTRALIAN CENTRAL		BERGGREN, RANDALL G.	2,315,890	CARPENA, JOELLE	2,315,919
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				CARSTENSEN, PETER	2,315,808

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CEPHALON, INC.	2,315,953	CURRO, JOHN JOSEPH	2,315,687	EIDGENOSSISCHE	
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CHARMOT, DOMINIQUE	2,315,914	CUTLER, DAVID L.	2,315,693	HOCHSCHULE ZURICH	2,315,710
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CHEN, FANG	2,315,273	DALBON, PASCAL	2,316,269	ELECTRONICS FOR IMAGING,	
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CHEN, YONDJUN	2,315,703	MECCANICHE S.P.A.	2,315,836	ELI LILLY AND COMPANY	2,315,103
CHERN, VINCENT MIN-HAO	2,315,640	DANZIG, MELVYN R.	2,315,721	ELI LILLY AND COMPANY	2,315,531
CHERNOGUZOV, ALEXANDER		DAUBS, MAURICE E.	2,315,905	ELI LILLY AND COMPANY	2,315,888
V.	2,315,751	DAVEY, KENT R.	2,315,861	ELLINGSEN, OLAV	2,315,783
CHEVRON CHEMICAL		DAVISON, MARIANNE D.	2,315,798	ELLIOTT, DAVID E.	2,315,790
COMPANY LLC	2,315,628	DE CONDE, VALENTIN		EMBOL-X, INC.	2,316,237
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COMPANY LLC	2,315,697	DE LA RUE GIORI S.A.	2,316,176	ENGELI, MAX	2,315,710
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CORPORATION	2,315,750	DELLAMARY, LUIS A.	2,316,248	MASCHINENFABRIK	
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CHUNG, GEUN-CHANG	2,315,635	DENSMORE, CHARLES L.	2,315,708	EUREKA OIL ASA	2,315,783
CHURCH, TIMOTHY J.	2,315,946	DEPUY ACROMED, INC.	2,315,770	EVANS, CHERYL	2,315,245
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COHEN, MAURICE	2,315,263	DIZEREGA, GERE S.	2,315,266	FEBO, PIETRO	2,315,771
COLBERG, JUAN CARLOS	2,315,761	DOBNER, MICHAEL HENRY	2,316,205	FECHTEL, KIM	2,315,245
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JUN, SONG-HUI	2,315,635	KOCHER, PAUL C.	2,316,227	LOWINGER, TIMOTHY BRUNO	2,315,715
JUNE, RAYMOND LAWRENCE	2,315,151	KOFOD, LENE VENKE	2,315,274	LOWINGER, TIMOTHY BRUNO	2,315,717
JUNIEN, JEAN LOUIS	2,315,878	KOGA, NOBUHIRO	2,316,196	LOWINGER, TIMOTHY BRUNO	2,315,720
JUNKER, ERWIN	2,315,930	KONDO, JIRO	2,316,180	LP-TUTKIMUSKESKUS OY	2,316,184
JUST, MARCUS S.	2,315,642	KONE CORPORATION	2,315,632	LTS LOHMANN THERAPIE-	
KAAS, POVL	2,316,222	KONG, SEUNG-HYUN	2,315,756	SYSTEME GMBH & CO. KG	2,315,784
KAAS, POVL	2,316,225	KONINKLIJKE KPN N.V.	2,315,768	LUDVIGSEN, CARL	2,316,242
KABUSHIKI KAISHA		KONINKLIJKE PHILIPS		LUNDBERG, PER JOHAN	2,315,927
KENWOOD	2,316,177	ELECTRONICS N.V.	2,315,945	LUNDBORG, TOMAS	2,316,200
KABUSHIKI KAISHA TOYOTA		KONINKLIJKE PHILIPS		LUNDBORG, TOMAS	2,316,202
CHUO KENKYUSHO	2,316,185	ELECTRONICS N.V.	2,316,186	LUNDBORG, TOMAS	2,316,206
KAHN, AXEL	2,315,268	KOPKE, KAI	2,315,784	LUNDWALL, JONAS	2,315,794
KAISER, WILFRIED	2,315,917	KOVALSKY, DAVID A.	2,316,241	LYMAN, STEWART D.	2,315,702
KALBE, MICHAEL	2,315,765	KRATOCHVIL, JON D.	2,315,263	LYMAN, STEWART D.	2,315,879
KALDOR, ISTVAN	2,316,218	KRIS, RICHARD	2,315,776	LYNCH, FRANK	2,315,637
KALENTUN, PIA	2,315,748	KROLIKOWSKI, PAUL H.	2,315,152	MACKENZIE, ARMIDA R.	2,315,793
KALSTRUP, SOREN ANTON	2,315,149	KSI INC.	2,316,170	MACQUARIE RESEARCH LTD.	2,315,757
KAMDAR, KIRTI	2,315,842	KUCHLER, WOLFGANG	2,315,882	MADIN, ANDREW	2,315,763
KANDEL, ERIC R.	2,315,891	KUDNIG, KNUD	2,316,178	MAEDA, HIROYUKI	2,316,196
KAO, CHE-I	2,315,753	KUISMA, JARMO	2,316,246	MAEDA, KIKUO	2,316,183
KARAKELLE, MUTLU	2,315,747	KUKLINSKI, JAN	2,316,233	MAGNA, HOLLY	2,315,788
KARLSSON, JERRY	2,315,711	KULAS, KARL-HEINZ	2,315,700	MAHAFFEY, STEVEN J.	2,315,712
KASZTENNY, BOGDAN	2,316,187	KUMPERA, VICTOR	2,315,807	MAIER, WILHELM	2,316,188
KAUFHOLD, WOLFGANG	2,315,765	KURIBAYASHI, MITSURU	2,316,196	MAILLIET, PATRICK	2,315,144
KAZMIERSKI, WIESLAW		KUSCHEL, DIETMAR	2,316,178	MALONEY, JOHN E.	2,316,170
MIECZYSLAW	2,316,218	KYAW, HLA	2,315,295	MAMMEM, MATHAI	2,315,883
KEIM, PAUL	2,314,992	KYOWA, HAKKO KOGYO CO.,		MANTLO, NATHAN B.	2,315,827
KELLER, TEDDY M.	2,315,820	LTD.	2,315,953	MARAZZI, UMBERTO	2,315,666
KELLY, WARREN MARK	2,315,805	LAAKSO, TAUNO	2,315,789	MARCUCCIO, SEBASTIAN	
KEMENY, SABRINA E.	2,315,145	LACOUT, JEAN-LOUIS	2,315,919	MARIO	2,315,629
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MASSACHUSETTS INSTITUTE		MOORE, EMMA E.	2,315,247	TRAUMATOLOGY AND	
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MASSACHUSETTS INSTITUTE		MOORE, KEVIN WILLIAM	2,315,763	NTN CORPORATION	2,316,183
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	2,315,758	MORTON, JASON C.	2,315,146	ODOMI, MASAOKI	2,315,818
MATSUI, HIROYUKI	2,315,733	MOSCH, DUANE A.	2,315,922	OGATA, KAZUMI	2,315,679
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INDUSTRIAL CO., LTD.	2,316,213	MOTOROLA INC.	2,315,793	OGITA, HARUHISA	2,315,733
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MAYER, THOMAS	2,315,845	MUKASA, KAZUNORI	2,316,181	OH, JUN-HWAN	2,315,667
MCCALMONT, PAUL E.	2,315,698	MULLBERG, JURGEN H.	2,315,251	OH, SUNG-JIN	2,315,750
McCONNELL, WESLEY J.	2,316,230	MULLER-COHN, JUDY	2,315,106	OHLINGER, RAINER	2,315,765
MCCOY, JOHN M.	2,315,245	MULLER, PATRICK	2,315,700	OHNO, SEIJI	2,315,910
MCCULLOUGH, JOHN R.	2,315,840	MUNSON, CURTIS L.	2,315,628	OKA, HIROAKI	2,316,213
MCCULLOUGH, JOHN R.	2,315,843	MURPHY, CHRISTOPHER	2,315,252	OLKKU, JUHANI	2,316,184
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SRL	2,315,835	NAKAMURA, SADAYUKI	2,316,183	ORTON, EDWARD	2,315,152
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MERBERG, DAVID	2,315,245	NARAYAN, SHASHANK S.	2,315,751	HEINZ ALEKSANDER	2,315,805
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METHYLGENE, INC.	2,315,821	NGUYEN-THIEN-NHON, DIANA	2,315,718	PALMER, VANESSA	2,315,800
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MILLER, SCOTT	2,315,715	NOGAMI, ATSUSHI	2,316,180	PELLETIER, DENIS	2,315,838
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KABUSHIKI KAISHA	2,315,699	NOVO NORDISK A/S	2,315,109	PFIZER PRODUCTS INC.	2,315,761
MIZZEN, LEE	2,315,880	NOVO NORDISK A/S	2,315,274	PFLAGER, WILLIAM W.	2,316,236
MOBIL OIL CORPORATION	2,315,101	NOVO NORDISK BIOCHEM		PHARMACIA & UPJOHN	
MOHR, KLAUS-PETER	2,315,778	NORTH AMERICA, INC.	2,315,528	DIAGNOSTICS AB	2,315,686
MOLLER INTERNATIONAL	2,315,639	NOVO NORDISK BIOTECH, INC.		PHEU, JE-NIE	2,315,750
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