

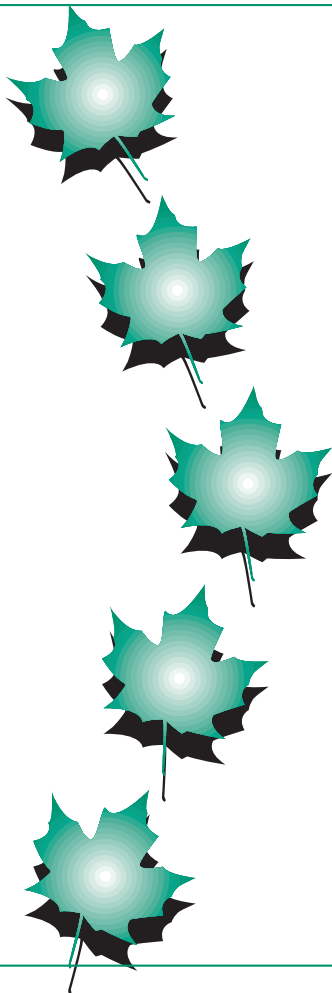


**Canadian  
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**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

Vol. 128, No. 29 July 18, 2000

Vol. 128, N° 29 le 18 juillet 2000

**Canada**



# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

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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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## 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

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## Notices

Paper copies of all Canadian Patents and Canadian Laid-Open Applications can be purchased at a cost of ten dollars (\$10) per copy plus estimated postage and taxes. Copies of these patents are available by writing or calling: Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Toll Free for North America: 1-800-567-1914

E-mail: tic@micromedia.on.ca

### B) Microform Copies

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

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

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

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

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

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

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

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

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

### 7. Advice on Making a Patent Application

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

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

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

### 8. Licensing of Patents

#### Voluntary Licences

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

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

#### Licences librement accordées

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

#### Compulsory Licences

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

#### Licences obligatoires

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

### 9. Patents Available for Licence or Sale

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

### 9. Brevets disponibles pour licence ou vente

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

## Notices

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

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

2,095,872  
2,123,857  
2,131,144  
2,168,286  
2,177,918  
2,275,039

### 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. 1,150,450 which issued on July 18, 1983 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

### 12. Laid-Open Applications

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

### 13. Language of Published Documents

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

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

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

2,095,872  
2,123,857  
2,131,144  
2,168,286  
2,177,918  
2,275,039

### 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 18 juillet 1983 sont maintenant expirés, jusque et y compris le no. 1,150,450. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

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

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

### 13. Langue du document publié

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



**Avis**

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

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

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

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

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

**4. International Search Fee** 1,450.00  
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

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

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

**Preliminary Examination**

**6. Handling Fee:** 287.51 Deutsche Marks  
(Rule 57.2(a)) 147.00 Euro Dollars

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

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

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

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

**4. Taxe de recherche internationale** 1 450,00  
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.

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

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

**Examen préliminaire**

**6. Taxe de traitement:** 287,51 marks allemands  
(Règle 57.2(a)) 147,00 dollars euro

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

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

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

## Notices

### 15. PCT Notices

#### **PCT Signature Requirements**

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

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

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

### 16. Updated Patent Correspondence Procedures

For the purposes of subsections 5(2) and 54(1) of the *Patent Rules*, the address for the Patent Office and the Commissioner of Patents is:

Canadian Intellectual Property Office  
Place du Portage I, 3rd Floor  
50 Victoria Street  
Hull, Quebec  
K1A 0C9  
Tel: (819) 997-1727

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, the following are the designated establishments or offices to which correspondence addressed to the Commissioner of Patents may be delivered:

- 1) The Registered Mail Service of Canada Post

### 15. Avis PCT

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

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

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

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

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

### 16. Mise à jour des procédures concernant la correspondance pour les brevets

Aux fins des paragraphes 5(2) et 54(1) des *Règles sur les brevets*, l'adresse qui suit correspond à celle du Bureau des brevets et du bureau du commissaire aux brevets:

Office de la propriété intellectuelle du Canada  
Place du Portage I, 3<sup>e</sup> étage  
50, rue Victoria  
Hull (Québec)  
K1A 0C9  
Tél. : (819) 997-1727

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, les établissements ou bureaux suivants constituent les endroits désignés où peut être livrée la correspondance destinée au commissaire aux brevets:

- 1) Service du courrier recommandé de la Société canadienne des postes

## Avis

2) Industry Canada  
Journal Tower South  
365 Laurier Avenue West  
Ground Floor  
Ottawa, Ontario K1A 0C8  
Tel.: (613) 990-4582

3) Industry Canada  
5 Place Ville-Marie  
Suite 700  
Montreal, Quebec H3B 2G2  
Tel.: (514) 496-1797

4) Industry Canada  
151 Yonge Street, 4th Floor  
Toronto, Ontario M5C 2W7  
Tel.: (416) 973-5000

5) Industry Canada  
Canada Place  
9700 Jasper Avenue, Suite 540  
Edmonton, Alberta T5J 4C3  
Tel.: (403) 495-4782

6) Industry Canada  
Library Square  
300 West Georgia Street, Suite 2000  
Vancouver, B.C. V6B 6E1  
Tel.: (604) 666-5000

In accordance with Section 8.1 of the Patent Act and for the purpose of subsections 5(6) and 54(5) of the Patent Rules, correspondence addressed to the Commissioner of Patents may be sent by facsimile to the following facsimile numbers:

(819) 953-CIPO (953-2476) or  
(819) 953-OPIC (953-6742)

In accordance with Section 8.1 of the Patent Act and for the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner of Patents for filing patent applications may be sent electronically via the Industry Canada web site at the following addresses:

[https://strategis.ic.gc.ca/patbrev-filing/application/engdoc/pt\\_filing\\_form-e.html](https://strategis.ic.gc.ca/patbrev-filing/application/engdoc/pt_filing_form-e.html); or in French to: [https://strategis.ic.gc.ca/patbrev-filing/application/frndoc/pt\\_filing\\_form-f.html](https://strategis.ic.gc.ca/patbrev-filing/application/frndoc/pt_filing_form-f.html).

Any other correspondence addressed to the Commissioner of Patents relating to applications and patents (e.g. fee payments, registering documents, requesting national entry of an international application) may be sent electronically via the Industry Canada web site at the following addresses:

2) Industrie Canada  
Immeuble Journal Sud  
365, avenue Laurier Ouest  
Rez-de-chaussée  
Ottawa (Ontario) K1A 0C8  
Tél. : (613) 990-4582

3) Industrie Canada  
5, Place Ville-Marie  
Bureau 700  
Montréal (Québec) H3B 2G2  
Tél. : (514) 496-1797

4) Industrie Canada  
151, rue Yonge, 4<sup>e</sup> étage  
Toronto (Ontario) M5C 2W7  
Tél. : (416) 973-5000

5) Industrie Canada  
Place du Canada  
9700, avenue Jasper, bureau 540  
Edmonton (Alberta) T5J 4C3  
Tél. : (403) 495-4782

6) Industrie Canada  
Library Square  
300, rue Georgia Ouest, bureau 2000  
Vancouver (Colombie-Britannique) V6B 6E1  
Tél. : (604) 666-5000

En application de l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6) et 54(5) des Règles sur les brevets, toute correspondance à l'intention du commissaire aux brevets peut être transmise par télécopieur aux numéros ci-dessous:

(819)953-CIPO (953-2476) ou  
(819)953-OPIC ((53-6742)

En application de l'article 8.1 de la Loi sur les brevets et aux fins du paragraphe 5(6) des Règles sur les brevets, toute correspondance à l'intention du commissaire aux brevets pour le dépôt de demandes de brevet peut être transmise électroniquement en accédant au site internet d'Industrie Canada aux adresses suivantes:

[https://strategis.ic.gc.ca/patbrev-filing/application/frndoc/pt\\_filing\\_form-f.html](https://strategis.ic.gc.ca/patbrev-filing/application/frndoc/pt_filing_form-f.html); ou en anglais à : [https://strategis.ic.gc.ca/patbrev-filing/application/engdoc/pt\\_filing\\_form-e.html](https://strategis.ic.gc.ca/patbrev-filing/application/engdoc/pt_filing_form-e.html).

Toute autre correspondance à l'intention du commissaire aux brevets concernant des demandes ou brevets (p.ex. paiements de taxes, enregistrement de documents, demande d'entrée dans la phase nationale d'une demande internationale) peut être transmise électroniquement en accédant au site internet d'Industrie Canada aux adresses suivantes:

## Notices

[https://strategis.ic.gc.ca/patbrev-filing/application/engdoc/pt\\_correspondence-e.html](https://strategis.ic.gc.ca/patbrev-filing/application/engdoc/pt_correspondence-e.html); or in French to: [https://strategis.ic.gc.ca/patbrev-filing/application/frndoc/pt\\_correspondence-f.html](https://strategis.ic.gc.ca/patbrev-filing/application/frndoc/pt_correspondence-f.html).

The document presentation requirements related to Patent Rules 68, 69 and 70 apply to electronically submitted correspondence, including facsimile. The acceptable file format for documents submitted electronically via Industry Canada web site, such as assignments or specifications are: multi-page TIFF CCITT Group 4, Black and White, at 300 DPI or in PDF format except for sequence listings which have to be provided in both a multi-page TIFF or PDF file and in an ASCII file. Documents received electronically that do not meet these requirements will have to be replaced and submitted in an acceptable format.

In accordance with the above:

- Mail intended for the Patent Office and delivered, during business hours, to CIPO's offices in Hull will be accorded the date of reception by CIPO.
- Mail intended for the Patent Office and delivered, during business hours, to one of Industry Canada's regional offices listed above, will be considered to be received on the date of reception in that office, only if it is also a day on which CIPO's offices in Hull are open. Mail delivered to a regional office on a day when CIPO's offices in Hull are closed will be considered to be received on the next working day for CIPO. If, for example, mail intended for the Patent Office is delivered to Industry Canada's regional office in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO's offices in Hull are closed. Mail delivered to regional offices outside of Quebec on June 24 will be considered to be received on the next working day for CIPO.
- Mail intended for the Patent Office and delivered through Canada Post's Registered Mail Service will be considered to be received on the date stamped on the envelope by Canada Post Corporation, if it is also a day on which CIPO's offices in Hull are open. If the date stamp on the Registered Mail is a day when CIPO's offices in Hull are closed, the mail will be considered to be received on the next working day for CIPO.
- Mail intended for the Patent Offices and delivered, by electronic means of transmission, including facsimile, will be considered to be received by the Commissioner on the day that it is transmitted if received before midnight, local time at the Patent Office in Hull. When the Patent Office is closed for business, correspondence received on that day will be considered to be received on the next working day.

[https://strategis.ic.gc.ca/patbrev-filing/application/frndoc/pt\\_correspondence-f.html](https://strategis.ic.gc.ca/patbrev-filing/application/frndoc/pt_correspondence-f.html); ou en anglais à: [https://strategis.ic.gc.ca/patbrev-filing/application/engdoc/pt\\_correspondence-e.html](https://strategis.ic.gc.ca/patbrev-filing/application/engdoc/pt_correspondence-e.html).

Les exigences ayant trait à la présentation des documents stipulés dans les article 68,69 et 70 des Règles sur les brevets s'appliquent à la correspondance transmise électroniquement, incluant par télécopieur. Le format acceptable pour les documents transmis électroniquement par le site internet d'Industrie Canada, tels les cessions ou mémoires descriptifs, est: le format TIFF CCITT Groupe 4, multi-pages, 300 PPP, noir et blanc ou le format PDF. Le listage des séquences devra toutefois être présenté dans le format multi-pages TIFF ou PDF et également en fichier ASCII. Les documents transmis électroniquement qui ne répondent pas à ces exigences devront être remplacés et soumis dans un format acceptable.

Conformément à ce qui précède:

- Le courrier destiné au Bureau des brevets et livré, durant les heures d'ouverture, aux bureaux de l'OPIC à Hull se verra attribuer la date de réception à cet endroit.
- Le courrier destiné au Bureau des brevets et livré, durant les heures d'ouverture, à un des bureaux régionaux d'Industrie Canada figurant sur la liste plus haut, se verra attribuer la date de réception au bureau régional en question, si et seulement si, à cette date, les bureaux de l'OPIC sont ouverts à Hull. Si à cette date, les bureaux à Hull sont fermés, le courrier livré aux bureaux régionaux se verra attribuer comme date de réception à l'OPIC la date du prochain jour ouvrable. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin au bureau régional d'Industrie Canada à Toronto ne se verra pas attribuer la date de réception du 24 juin puisque les bureaux à Hull sont fermés à cette date. Donc, le courrier livré le 24 juin aux bureaux régionaux à l'extérieur du Québec aura comme date de réception à l'OPIC la date du prochain jour ouvrable.
- Le courrier destiné au Bureau des brevets et livré par courrier recommandé, service offert aux comptoirs postaux de la Société canadienne des postes, se verra attribuer la date timbrée sur l'enveloppe par la Société canadienne des postes, à condition qu'à cette date les bureaux à Hull soient ouverts. Si les bureaux à Hull sont fermés, le courrier se verra attribuer comme date de réception à l'OPIC la date du prochain jour ouvrable.
- Le courrier destiné au Bureau des brevets et livré par mode de transmission électronique, incluant par télécopieur, est réputé reçu par le commissaire, le jour où il a été transmis avant minuit, heure locale, au Bureau des brevets à Hull. Si la correspondance est transmise électroniquement un jour où le Bureau des brevets est fermé au public, elle est réputée reçue le jour ouvrable suivant.

## Avis

General information may be obtained at CIPO Headquarters in Hull, Quebec:

Telephone: (819) 997-1936

Facsimile: (819) 953-7620

Internet: <http://cipo.gc.ca>

Des renseignements généraux peuvent être obtenus à l'administration centrale de l'OPIC, à Hull (Québec).

Téléphone : (819) 997-1936

Télécopieur : (819) 953-7620

Internet : <http://opic.gc.ca>

### 17. Errata

Reference to the grant of the following application in the Canadian Patent Office Record of July 4, 2000 was in error. No patent was issued under this number.

2,146,177

### 17. Errata

Les renseignements fournis sous le numéro de la demande suivante, dans la Gazette du bureau des brevets du 4 juillet 2000, étaient erronés. Aucun brevet n'a été émi sous ce numéro.

2,146,177

### 18. Errata

The following inventor name was omitted from the information published in the Grant chapter and in the corresponding index of The Canadian Patent Office Record of July 11, 2000.

[72] Raptis, Leda, CA

1,341,049

### 18. Errata

Le nom de l'inventeur suivant a été omis dans le chapitre des brevets accordés ainsi que dans l'index correspondant de la Gazette du bureau des brevets du 11 juillet 2000.

[72] Raptis, Leda, CA

1,341,049

### 19. Reissue Notice

Please note that the following Patent is being reissued on July 18, 2000. This Patent is published in the chapter Canadian Patents Issued of the current publication.

2,093,054

### 19. Avis de redélivrance

Veillez noter que le brevet suivant est redélivré en date du 18 juillet 2000. Il est publié dans le chapitre des Brevets canadiens délivrés du présent document.

2,093,054

### 20. Laid-Open Applications

The Patent Office Record of July 18, 2000 contains laid-open applications from June 25, 2000 - July 1st, 2000.

### 20. 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 25 juin 2000 - 1er juillet 2000.

# Canadian Patents Issued

July 18, 2000

## Brevets canadiens délivrés

18 juillet 2000

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[11] **1,341,052**  
[13] C  
[52] 195-1.38 167-51 195-34.2  
[51] **Int.Cl. 6C12N 1/20 6A01N 63/00**  
**6A01N 25/28 6C12N 15/75**  
[25] EN  
[54] **CELLULAR ENCAPSULATION OF BIOLOGICAL PESTICIDES**  
[54] **ENCAPSULATION CELLULAIRE DE PESTICIDES BIOLOGIQUES**  
[72] Barnes, Andrew C., US  
[72] Cummings, Susan G., US  
[73] Mycogen Corporation, US  
[21] **497,708**  
[22] 1985-12-16  
[30] US (693,080) 1985-01-22  
[30] US (771,313) 1985-08-30  
[30] US (750,369) 1985-06-28

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[11] **1,341,053**  
[13] C  
[52] 530-7.40 167-139 530-5.04  
[51] **Int.Cl. 6C07K 14/00 6C07K 14/62**  
**6A61K 49/00 6G01N 33/531 6A61K 38/28**  
**6A61K 38/00**  
[25] EN  
[54] **POLYPEPTIDE AND PROTEIN DERIVATIVES AND PROCESS FOR THEIR PREPARATION**  
[54] **DERIVES DE POLYPEPTIDES ET DE PROTEINES AINSI QUE LEUR PROCEDE DE PREPARATION**  
[72] Offord, Robin Ewart, CH  
[72] Rose, Keith, CH  
[73] Offord, Robin Ewart, CH  
[73] Rose, Keith, CH  
[21] **535,860**  
[22] 1987-04-29  
[30] GB (86.10551) 1986-04-30

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[11] **1,341,054**  
[13] C  
[52] 31-89 359-37  
[51] **Int.Cl. 6G21F 9/12**  
[25] EN  
[54] **PROCESS FOR THE RADIOACTIVE DECONTAMINATION OF AN OIL**  
[54] **PROCEDE DE DECONTAMINATION D'UNE HUILE RADIOACTIVE**  
[72] Augem, Jean-Michel, FR  
[73] ELECTRICITE DE FRANCE Service National, FR  
[21] **541,339**  
[22] 1987-07-06  
[30] FR (86 09843) 1986-07-07

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[11] **1,341,055**  
[13] C  
[52] 195-1.105 150-13 195-1.22 195-1.235  
195-1.36  
[51] **Int.Cl. 6C12N 5/06 6C12P 21/08**  
**6C12N 5/12 6G01N 33/566 6A61K 39/395**  
**6G01N 33/532**  
[25] EN  
[54] **TRANFECTANT CELL LINES WHICH EXPRESS THE MAJOR HUMAN RHINOVIRUS RECEPTOR**  
[54] **LIGNEES CELLULAIRES TRANSFECTANTES EXPRIMANT LE RECEPTEUR MAJEUR DU RHINOVIRUS CHEZ L'HOMME**  
[72] McClelland, Alan, US  
[72] Meyer, Ann Marie, US  
[72] Greve, Jeffrey M., US  
[72] Davis, Gary, US  
[73] MOLECULAR THERAPEUTICS, INC., US  
[21] **584,200**  
[22] 1988-11-25  
[30] US (07/130,378) 1987-12-08  
[30] US (07/262,570) 1988-10-25

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[11] **2,000,577**  
[13] C  
[51] **Int.Cl. 5C09D 129/12**  
[25] EN  
[54] **AMBIENT TEMPERATURE CURING POLYMER COMPOSITIONS CONTAINING ACETOACETOXYETHYL METHACRYLATE, GLYCIDYL METHACRYLATE AND A POLYMERIZABLE ACID**  
[54] **COMPOSITIONS POLYMERIQUES RETICULABLES A LA TEMPERATURE AMBIANTE, RENFERMANT DU METHACRYLATE D'ACETOACETOXYETHYLE, DU METHACRYLATE DE GLYCIDYLE ET UN ACIDE POLYMERISABLE**  
[72] Say, Terence E., US  
[73] Rhone-Poulenc Chemicals Limited, GB  
[22] 1989-10-12  
[30] US (281,652) 1988-12-09

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[11] **2,001,478**  
[13] C  
[51] **Int.Cl. 5B60C 9/18**  
[25] EN  
[54] **PNEUMATIC RADIAL TIRE**  
[54] **PNEU RADIAL**  
[72] Imamiya, Susumu, JP  
[72] Tozawa, Yukio, JP  
[73] Yokohama Rubber Co., Ltd. (The), JP  
[22] 1989-10-25  
[30] JP (63-268147) 1988-10-26

Canadian Patents Issued  
July 18, 2000

[11] 2,001,723  
[13] C

[51] Int.Cl. 5F28C 3/16  
[25] EN  
[54] METHOD AND ARRANGEMENT FOR AN ENFORCED HEAT TRANSMISSION BETWEEN ALIMENTARY BODIES AND GASES  
[54] METHODE ET DISPOSITION POUR LE TRANSFERT THERMIQUE FORCE ENTRE CORPS ALIMENTAIRES SOLIDES, LIQUIDES ET GAZEUX  
[72] Sandström, Roland, SE  
[72] Maxe, Ann, SE  
[72] Strandberg, Tore, SE  
[72] Lundsten, Lars, SE  
[72] Andersson, Alvar, SE  
[73] Frigoscandia Contracting AB, SE  
[73] Frigoscandia Contracting AB, SE  
[22] 1989-10-30  
[30] SE (8803973-0) 1988-11-01

[11] 2,001,761  
[13] C

[51] Int.Cl. 5B32B 3/12 5B32B 5/02 5C09J 7/02 5B32B 5/28  
[25] EN  
[54] INTERLEAF LAYER IN FIBER REINFORCED RESIN LAMINATE COMPOSITES  
[54] COUCHE INTERCALAIRE EN RESINE RENFORCEE DE FIBRES POUR MATERIAUX COMPOSITES  
[72] Riefler, R. Scott, US  
[72] Powers, John Wade, US  
[73] AMERICAN CYANAMID COMPANY, US  
[22] 1989-10-30  
[30] US (07/264,309) 1988-11-01

[11] 2,003,289  
[13] C

[51] Int.Cl. 5A61K 31/44  
[25] EN  
[54] USE OF TRIFLUOROMETHYLPHENYL-TETRAHYDROPYRIDINES FOR THE PREPARATION OF PHARMACEUTICAL COMPOSITIONS USEFUL FOR THE TREATMENT OF ANXIETY AND ANXIO-DEPRESSIVE DISORDERS  
[54] UTILISATION DE (TRIFLUOROMETHYL) PHENYL TERAHYDROPYRIDINES POUR LA PREPARATION DE COMPOSITIONS PHARMACEUTIQUES UTILES DANS LE TRAITEMENT DE L'ANXIETE ET DES TROUBLES ANXIO-DEPRESSIFS  
[72] Bianchetti, Alberto, IT  
[72] Le Fur, Gérard, FR  
[72] Simiand, Jacques, FR  
[72] Soubrié, Philippe, FR  
[73] SANOFI-SYNTHELABO, FR  
[22] 1989-11-17  
[30] FR (88 15036) 1988-11-18

[11] 2,004,332  
[13] C

[51] Int.Cl. 5A61K 35/00  
[25] EN  
[54] INHIBITION OF CELL ADHESION  
[54] INHIBITION DE L'ADHESION DES CELLULES  
[72] Crozier-Willi, Gayle, FR  
[72] Fleith, Mathilde, CH  
[72] Buchanan, Michael, CA  
[73] SOCIETE DES PRODUITS NESTLE S.A., CH  
[22] 1989-11-30  
[30] CH (4790/88-4) 1988-12-23

[11] 2,006,716  
[13] C

[51] Int.Cl. 5A61K 7/00  
[25] EN  
[54] ANTIBACTERIAL ANTIPLAQUE ORAL COMPOSITION  
[54] COMPOSE ORAL ANTIBACTERIEN ANTIPLAQUE  
[72] Nabi, Nuran, US  
[72] Gaffar, Abdul, US  
[72] Afflitto, John, US  
[72] Stringer, Orum, US  
[72] Prencipe, Michael, US  
[73] Colgate-Palmolive Company, US  
[22] 1989-12-27  
[30] US (291,712) 1988-12-29  
[30] US (399,669) 1989-08-25

[11] 2,006,914  
[13] C

[51] Int.Cl. 5B01J 20/02 5B01J 20/08 5C11B 3/10 5B01J 20/10  
[25] EN  
[54] SYNTHETIC, MACROPOROUS, AMORPHOUS ALUMINA SILICA AND A PROCESS FOR REFINING GLYCERIDE OIL  
[54] ALUMINE-SILICE SYNTHETIQUE, MACROPOREUSE ET AMORPHE; PROCEDE DE RAFFINAGE D'HUILE DE GLYCERIDE  
[72] Lammers, Jannes Gerritt, DE  
[72] Groeneweg, Jan Willem, NL  
[73] CROSFIELD LIMITED, GB  
[22] 1989-12-29  
[30] EP (88.203038.0) 1988-12-30

[11] 2,007,707  
[13] C

[51] Int.Cl. 5B01J 38/44  
[25] FR  
[54] PROCEDE DE REGENERATION D'UN CATALYSEUR DE PRODUCTION D'HYDROCARBURES AROMATIQUES OU DE REFORMAGE  
[54] PROCESS FOR REGENERATING A CATALYST USED FOR THE PRODUCTION OF AROMATIC OF REFORMING HYDROCARBONS  
[72] Macaire, Jean-Claude, FR  
[72] De Bonneville, Jean, FR  
[72] Ham, Pierre, FR  
[73] L'INSTITUT FRANCAIS DU PETROLE, FR  
[22] 1990-01-12  
[30] FR (89/00.467) 1989-01-13  
[30] FR (89/08.090) 1989-06-15  
[30] FR (89/11.320) 1989-08-25

[11] 2,007,930  
[13] C

[51] Int.Cl. 5F16K 41/00  
[25] EN  
[54] ANTI-WEDGING PRESSURE SEAL RING APPARATUS  
[54] DISPOSITIF ANTIUICOINCEMENT POUR BAGUE D'ETANCHEITE  
[72] Berrong, David B., US  
[72] Schuchart, Thomas Leonard, US  
[73] WESTINGHOUSE ELECTRIC CORPORATION, US  
[22] 1990-01-17  
[30] US (298,443) 1989-01-18

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[11] **2,008,183**  
[13] C

[51] **Int.Cl. 5A61K 31/445**  
[25] EN  
[54] **LIQUID PHARMACEUTICAL COMPOSITION FOR PIPERIDINOALKANOL DERIVATIVES**  
[54] **COMPOSITION PHARMACEUTIQUE LIQUIDE POUR DERIVES DU PIPERIDINEALCANOL**  
[72] Knipstein, Richard A., US  
[72] Byers, Deanne L., US  
[72] Kristof, Joseph C., US  
[73] MERRELL DOW PHARMACEUTICALS (CANADA) INC., CA  
[22] 1990-01-19  
[30] US (300,382) 1989-01-23

[11] **2,008,351**  
[13] C

[51] **Int.Cl. 6B60R 9/12**  
[25] EN  
[54] **SKI RACK WITH ADJUSTABLE RETENTION POST**  
[54] **SUPPORT A SKIS AVEC TIGE DE RETENUE REGABLE**  
[72] Dallaire, Michel, CA  
[72] Santella, Michael, CA  
[72] Swift, Michel, CA  
[73] SPORTTRACK INTERNATIONAL INC., CA  
[22] 1990-01-23

[11] **2,008,616**  
[13] C

[51] **Int.Cl. 5C07D 207/34 5C07D 405/06 5C07D 409/06**  
[25] EN  
[54] **ARYL- OR HETEROARYL-1-ALKYL-PYRROLE-2-CARBOXYLIC ACID COMPOUNDS USEFUL IN TREATING INTERLEUKIN-1 MEDIATED CONDITIONS**  
[54] **COMPOSES D'ACIDE ARYL- OU HETEROARYL-1-ALKYL-PYRROLE-2-CARBOXYLIQUE UTILES POUR LE TRAITEMENT DES AFFECTIONS A L'INTERLEUKINE-1**  
[72] Parker, Roger A., US  
[72] Ku, George, US  
[73] AVENTIS PHARMA INC., CA  
[22] 1990-01-25  
[30] US (304,141) 1989-01-31

[11] **2,008,635**  
[13] C

[51] **Int.Cl. 5C08G 63/64 5C08G 63/16**  
[25] EN  
[54] **POLYESTERS AND POLYESTER-CARBONATES BASED ON 1,1-BIS-(4-HYDROXYPHENYL)-ALKYL CYCLOALKANES**  
[54] **POLYESTERS ET POLYESTER-CARBONATES A BASE DE DERIVES DE 4,4'-(ALKYL CYCLOALKYLIDNE)DIPHNO LS**  
[72] Serini, Volker, DE  
[72] Freitag, Dieter, DE  
[72] Grigo, Ulrich, DE  
[72] Westeppe, Uwe, DE  
[73] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1990-01-26  
[30] DE (P 39 03 103.9) 1989-02-02

[11] **2,009,011**  
[13] C

[51] **Int.Cl. 5C08G 69/44 5C08L 63/00 5C08L 9/02 5C08L 77/12**  
[25] EN  
[54] **TOUGH EPOXY RESINS**  
[54] **METHODE ET APPAREIL POUR CHROMATOGRAPHIE QUANTITATIVE**  
[72] Mühlhaupt, Rolf, DE  
[72] Rüfenacht, Werner, CH  
[73] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[22] 1990-01-31  
[30] CH (368/89-4) 1989-02-02

[11] **2,009,955**  
[13] C

[51] **Int.Cl. 5C06B 45/00**  
[25] EN  
[54] **EMULSION EXPLOSIVES CONTAINING A POLYMERIC EMULSIFIER**  
[54] **EMULSIONS EXPLOSIVES CONTENANT UN EMULSIFIANT POLYMERIQUE**  
[72] McKenzie, Lee F., US  
[72] Lawrence, Lawrence D., US  
[73] DYNNO NOBEL INC., US  
[22] 1990-02-13  
[30] US (318,768) 1989-03-03

[11] **2,010,281**  
[13] C

[51] **Int.Cl. 5A61H 1/00**  
[25] EN  
[54] **JAW EXERCISER**  
[54] **EXERCISEUR POUR LES MACHOIRES**  
[72] Beeuwkes, Reinier III, US  
[72] Stella, Joseph B., US  
[72] Salisbury, Thomas E., US  
[73] INNOVEX, INC., US  
[22] 1990-02-16  
[30] US (474,443) 1990-02-02

[11] **2,010,865**  
[13] C

[51] **Int.Cl. 5G12B 9/10**  
[25] EN  
[54] **CONNECTIVITY MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE CONNECTIVITE**  
[72] LeMaster, Dolan M., US  
[73] COMMUNICATIONS INTEGRATORS, INC., US  
[22] 1990-02-23  
[30] US (466,249) 1990-01-17

[11] **2,011,031**  
[13] C

[51] **Int.Cl. 5C12N 15/63 5A61K 39/015 6C07K 16/20 5C12N 15/30 6C07K 14/445**  
[25] EN  
[54] **PLASMODIUM MEROZOITE RHOPTRIES ANTIGEN AND DERIVATIVES THEREOF**  
[54] **ANTIGENE DE RHOPTRIES DE MEROZOITE DE PLASMODIUM ET SES DERIVES**  
[72] Ridley, Robert George, GB  
[72] Scaife, John Graham, GB  
[73] SARAMANE PTY LTD., AU  
[22] 1990-02-27  
[30] GB (89.05857.2) 1989-03-14  
[30] GB (89.19064.9) 1989-08-22



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[11] 2,011,787  
[13] C

[51] Int.Cl. 5B01D 46/00 5B01J 32/00  
5B01D 39/20  
[25] EN  
[54] PROCESS FOR THE PRODUCTION  
OF A FILTER OR CATALYTIC  
CONVERTER BODY  
[54] METHODE DE PRODUCTION DE  
CORPS FILTRANT OU DE  
CATALYSEUR D'ECHAPPEMENT  
[72] Haerle, Hans A., DE  
[73] Schwaebische Huettenwerke G.m.b.H.,  
DE  
[22] 1990-03-08  
[30] DE (P 39 08 581.3) 1989-03-16

[11] 2,014,633  
[13] C

[51] Int.Cl. 5A61K 47/44 5A61K 7/00  
[25] EN  
[54] STABLE ANHYDROUS  
COMPOSITIONS FOR TOPICAL  
DELIVERY OF ACTIVE MATERIALS  
[54] COMPOSITIONS ANHYDRES  
STABLES POUR LA DEPOSITION  
TOPIQUE DE SUBSTANCES ACTIVES  
[72] McCrea, Andrew D., US  
[72] Diulus, Michael P., US  
[73] Curtis, Helene Inc., US  
[22] 1990-04-17  
[30] US (07/360,418) 1989-06-02

[11] 2,015,153  
[13] C

[51] Int.Cl. 5B29C 49/18 5B29C 49/22  
[25] EN  
[54] DOUBLE BUBBLE PROCESS FOR  
MAKING STRONG, THIN FILMS  
[54] METHODE DE FABRICATION A  
VESSIE DOUBLE DE PELLICULES  
MINCES ET RESISTANTES  
[72] Schirmer, Henry George, US  
[73] CRYOVAC, INC., US  
[22] 1990-04-23  
[30] US (387,056) 1989-07-28  
[30] US (494,699) 1990-03-16

[11] 2,013,075  
[13] C

[51] Int.Cl. 5B65B 19/22  
[25] EN  
[54] PROCESS AND APPARATUS FOR  
THE PRODUCTION OF (CIGARETTE)  
PACKS  
[54] METHODE DE FABRICATION DE  
PAQUETS DE CIGARETTES, ET  
APPAREIL CONNEXE  
[72] Focke, Heinz, DE  
[73] Focke & Co. (G.m.b.H. & Co.), DE  
[22] 1990-03-26  
[30] DE (P 39 10 986.0) 1989-04-05

[11] 2,014,714  
[13] C

[51] Int.Cl. 5A61K 9/14 5F26B 5/06  
[25] EN  
[54] A METHOD OF PREPARING A  
FREEZE-DRIED FORMULATION  
CONTAINING A DRUG  
[54] UNE METHODE DE  
PREPARATION D'UNE FORMULE  
LYOPHILISEE CONTENANT UN  
MEDICAMENT  
[72] Kusai, Akira, JP  
[72] Hashi, Kunio, JP  
[72] Shiokari, Takashi, JP  
[72] Ueda, Seigo, JP  
[73] SANKYO COMPANY, LIMITED, JP  
[22] 1990-04-17  
[30] JP (H 1-98561) 1989-04-18

[11] 2,015,997  
[13] C

[51] Int.Cl. 5C07F 9/00  
[25] EN  
[54] PROCESS FOR PRODUCING  
VANADIUM-ARENES  
[54] PROCEDE POUR LA  
PRODUCTION DE VANADIUM-  
ARENES  
[72] Moalli, Angelo, IT  
[72] Masi, Francesco, IT  
[72] Pampaloni, Guido, IT  
[72] Calderazzo, Fausto, IT  
[72] Invernizzi, Renzo, IT  
[73] Enichem Anic S.p.A., IT  
[22] 1990-05-03  
[30] IT (20522 A/89) 1989-05-16

[11] 2,013,227  
[13] C

[51] Int.Cl. 5F16L 9/00  
[25] EN  
[54] SYSTEM FOR THE PREVENTION  
OF FIRE, WATER OR (FLUE) GAS AND  
THE LIKE FROM PROPAGATING  
ALONG CABLES  
[54] DISPOSITIF POUR EMPECHER LE  
FEU, L'EAU OU DES GAZ DE  
CARNEAU DE COURIR LE LONG DE  
CABLES  
[72] Beele, Johannes Alfred, NL  
[73] CSD International B.V., NL  
[22] 1990-03-28

[11] 2,014,784  
[13] C

[51] Int.Cl. 5B23G 5/20  
[25] EN  
[54] TAPPING ATTACHMENT FOR A  
PUNCH PRESS  
[54] ACCESSOIRE DE TARAUDAGE  
POUR PRESSE A DECOUPER  
[72] Becker, Mark H., US  
[72] Maynard, Scott D., US  
[73] Robotics Automation Consulting  
Engineering Industries, Inc., US  
[22] 1990-04-18  
[30] US (345,792) 1989-04-24

[11] 2,016,144  
[13] C

[51] Int.Cl. 5B65C 3/16  
[25] FR  
[54] MACHINE POUR LA POSE DE  
MANCHONS D'ETIQUETAGE SUR DES  
BOUTEILLES OU SIMILAIRES  
[54] MACHINE FOR SLIPPING  
STICKERS ON BOTTLES OR SIMILAR  
ARTICLES  
[72] Vandevoorde Jean-Claude, FR  
[73] Protection Décoration Conditionnement  
Europe S.A., FR  
[22] 1990-05-07  
[30] FR (89 06 260) 1989-05-12

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[11] **2,016,772**  
[13] C

[51] **Int.Cl. 5A61M 5/158**  
[25] EN  
[54] **CATHETER WITH BACKFLOW RESTRICTION**  
[54] **CATHETER ANTIRETOUR**  
[72] Egolf, William, US  
[72] Chang, Joseph, US  
[72] Panzera, Mark, US  
[72] O'Neil, Michael, US  
[73] Critikon, Inc., US  
[22] 1990-05-15  
[30] US (353,276) 1989-05-17

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[11] **2,017,315**  
[13] C

[51] **Int.Cl. 6C07K 14/47 6A61K 38/17**  
[25] EN  
[54] **INTERLEUKIN I INHIBITOR**  
[54] **INHIBITEUR DE L'INTERLEUKINE I**  
[72] Barak, Vivian, IL  
[72] Treves, Avi, IL  
[73] Hadassah Medical Organization, IL  
[22] 1990-05-22  
[30] US (07/508,999) 1990-04-12  
[30] US (07/354,330) 1989-05-19  
[30] US (07/525,274) 1990-05-17

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[11] **2,017,376**  
[13] C

[51] **Int.Cl. 5C07D 215/14 5C07D 401/12 5C07D 409/12 5C07D 413/12 5A61K 31/47 5A61K 31/535**  
[25] EN  
[54] **DIARYLSTYRYLQUINOLINE DIACIDS**  
[54] **DIACIDES DE DIARYLSTYRYLQUINOLINE**  
[72] Young, Robert N., CA  
[72] Belley, Michel L., CA  
[72] Zamboni, Robert, CA  
[72] Gauthier, Jacques-Yves, CA  
[73] MERCK FROSST CANADA & CO./MERCK FROSST CANADA & CIE, CA  
[22] 1990-05-23  
[30] US (356,478) 1989-05-24

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[11] **2,017,422**  
[13] C

[51] **Int.Cl. 5B60T 15/00**  
[25] EN  
[54] **BRAKE VALVE CONTROL SYSTEM**  
[54] **CIRCUIT DE COMMANDE DE FREINAGE**  
[72] Bluhm, Stanley R., US  
[72] Longyear, Douglas M., US  
[73] CRANE CO., HYDRO-AIRE DIVISION, US  
[22] 1990-05-24  
[30] US (07/357,363) 1989-05-26

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[11] **2,017,453**  
[13] C

[51] **Int.Cl. 5D04H 5/00**  
[25] EN  
[54] **METHODS AND APPARATUS FOR SELECTIVE PLACEMENT OF FIBROUS MATERIAL IN FORMED FIBROUS ARTICLES**  
[54] **METHODE ET APPAREIL DE FORMATION D'ARTICLES FIBREUX PAR APPORT SELECTIF DE MATIERES FIBREUSES**  
[72] Bergquist, Roger, US  
[72] Schroeder, Manfred, US  
[72] Monetti, Matthew, US  
[72] Wislinski, Martin, US  
[72] Weir, Theodore, US  
[72] Fung, Paul, US  
[73] McNeil-PPC, Inc., US  
[22] 1990-05-24  
[30] US (359,011) 1989-05-26

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[11] **2,018,782**  
[13] C

[51] **Int.Cl. 5A45C 13/02**  
[25] EN  
[54] **SOFT BAG AND EXPANDER**  
[54] **SAC SOUPLE ET DISPOSITIF DE GONFLEMENT**  
[72] Diamond, Sidney, US  
[72] Diamond, Deborah Lynn, US  
[73] Diamond, Sidney, US  
[22] 1990-06-12  
[30] US (367,759) 1989-06-19  
[30] US (523,734) 1990-05-15  
[30] US (383,863) 1989-07-21

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[11] **2,022,183**  
[13] C

[51] **Int.Cl. 5C07D 231/12 5C07D 403/02 5A61K 31/415**  
[25] EN  
[54] **ARYLPYRAZOLE DERIVATIVES AS ANTI-PLATELET AGENTS**  
[54] **DERIVES D'ARYLPYRAZOLE COMME AGENTS ANTI-PLAQUETTAIRES**  
[72] Meanwell, Nicholas Andrew, US  
[73] BRISTOL-MYERS SQUIBB COMPANY, US  
[22] 1990-07-27  
[30] US (387,749) 1989-07-31  
[30] US (523,637) 1990-05-10

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[11] **2,023,000**  
[13] C

[51] **Int.Cl. 5B05B 5/00 5B05B 12/12 5B05B 7/14**  
[25] EN  
[54] **POWDER COATING SYSTEM WITH DEW POINT DETECTION AND CONFIGURABLE CONTROLLER THEREFOR**  
[54] **SYSTEME DE REVETEMENT-POUDRE A DETECTION DE POINT DE ROSEE ET REGULATEUR CONFIGURABLE CONNEXE**  
[72] Gimben, Dale N., US  
[72] Rucki, William M., US  
[72] Leidy, Jeanne M., US  
[72] Heimburger, Jeffrey, US  
[73] NORDSON CORPORATION, US  
[22] 1990-08-09  
[30] US (415,080) 1989-09-29

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[11] **2,025,901**  
[13] C

[51] **Int.Cl. 5G01N 33/558 5G01N 33/543 5G01N 33/58 5G01N 33/76**  
[25] EN  
[54] **SOLID PHASE ANALYTICAL TEST DEVICE**  
[54] **DISPOSITIF DE TEST DIAGNOSTIQUE EN PHASE SOLIDE**  
[72] Davis, Paul James, GB  
[72] Prior, Michael Evans, GB  
[72] May, Keith, GB  
[73] UNILEVER PLC, GB  
[85] 1990-09-21  
[86] 1990-02-16 (PCT/GB90/00254)  
[87] (WO90/09592)  
[30] GB (8903627.1) 1989-02-17

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[11] 2,027,010  
[13] C

[51] Int.Cl. 5C07C 67/327 5C07C 69/716  
5C07C 69/738

[25] EN

[54] 3-SUBSTITUTED 2-HYDROXY-3-FORMYLPROPIONIC ESTERS, THE PREPARATION THEREOF AND THE USE THEREOF FOR PREPARING 3-SUBSTITUTED 3-FORMYLACRYLIC ESTERS

[54] DERIVES DE SUBSTITUTION EN 3 D'ESTERS DE L'ACIDE 2-HYDROXY-3-FORMYLPROPIONIQUE;  
PREPARATION ET LEUR UTILISATION POUR LA PREPARATION DE DERIVES DE SUBSTITUTION EN 3 D'ESTERS DE L'ACIDE 3-FORMYLACRYLIQUE

[72] Merger, Franz, DE

[72] Frank, Juergen, DE

[73] BASF AKTIENGESELLSCHAFT, DE

[22] 1990-10-05

[30] DE (P 39 33 334.5) 1989-10-06

[11] 2,027,501  
[13] C

[51] Int.Cl. 5B01J 13/12 5A61K 9/133

[25] FR

[54] PROCEDE DE FABRICATION D'UNE DISPERSION AQUEUSE DE VESICULES LIPIDIQUES ET COMPOSITION A BASE DE LA DISPERSION AINSI OBTENUE  
[54] PROCESS FOR PREPARATION OF AN AQUEOUS DISPERSION OF LIPID VESICLES AND COMPOSITION CONTAINING THE DISPERSION THEREBY OBTAINED

[72] Grollier, Jean-François, FR

[72] Rosenbaum, Georges, FR

[72] Richoux, Isabelle, FR

[72] Chiodi, Francisco, FR

[72] Burin, Jacky, FR

[73] L'OREAL, FR

[22] 1990-10-11

[30] FR (89 13 358) 1989-10-12

[30] EP (90402648.1) 1990-09-26

[11] 2,030,276  
[13] C

[51] Int.Cl. 5B01J 23/74 5B01J 37/18

[25] EN

[54] SELECTIVE CATALYSTS AND THEIR PREPARATION FOR CATALYTIC HYDROCARBON SYNTHESIS

[54] CATALYSEURS SELECTIFS ET LEUR PREPARATION POUR LA SYNTHESE DES HYDROCARBURES

[72] Iglesia, Enrique, US

[72] Baumgartner, Joseph, US

[72] Vroman, Hilda, US

[72] Soled, Stuart Leon, US

[72] Fiato, Rocco Anthony, US

[73] EXXON RESEARCH AND ENGINEERING COMPANY, US

[22] 1990-11-19

[30] US (450,957) 1989-12-12

[11] 2,027,071  
[13] C

[51] Int.Cl. 5F25J 3/04 5F25J 3/06

[25] FR

[54] PROCEDE ET INSTALLATION DE PRODUCTION D'OXYGENE GAZEUX A DEBIT VARIABLE PAR DISTILLATION D'AIR

[54] PROCESS AND PLANT FOR THE PRODUCTION OF GASEOUS OXYGEN, WITH DIFFERENTIAL FLOW, THROUGH AIR DISTILLATION

[72] Darredeau, Bernard, FR

[73] Air Liquide, société anonyme pour l'Étude et l'Exploitation des, FR

[22] 1990-10-05

[30] FR (89 13 159) 1989-10-09

[11] 2,027,672  
[13] C

[51] Int.Cl. 5A61M 5/31 5A61M 39/00

[25] EN

[54] TWO-COMPONENT SYRINGE DELIVERY SYSTEM

[54] SYSTEME DE DISPENSATION DE SERINGUES A DEUX COMPOSANTES

[72] Wolf, Stephen J., US

[72] Mart, Robert K., US

[72] Otto, Scott C., US

[73] JOHNSON & JOHNSON PATIENT CARE, INC., US

[22] 1990-10-15

[30] US (422,259) 1989-10-16

[11] 2,032,940  
[13] C

[51] Int.Cl. 5C10M 129/72 5C10M 101/04 5C23F 11/10 5C10M 137/12

[25] EN

[54] METAL FREE LUBRICANTS

[54] LUBRIFIANTS NE CONTENANT PAS DE METAL

[72] Walters, David K., GB

[72] Thomas, Arthur S., GB

[73] Ethyl Petroleum Additives Limited, GB

[22] 1990-12-21

[30] GB (89-29096.9) 1989-12-22

[11] 2,033,030  
[13] C

[51] Int.Cl. 5H01J 23/16 5H01J 23/38

[25] FR

[54] CIRCUIT D'ALIMENTATION

ELECTRIQUE D'UNE CHARGE UNIDIRECTIONNELLE TELLE QU'UN MAGNETRON

[54] ELECTRICAL POWER CIRCUIT FOR A CHARGE SUCH A MAGNETRON

[72] Dauge, Gilbert, FR

[73] MOULINEX, FR

[22] 1990-12-21

[30] FR (89 17 144) 1989-12-22

[30] FR (90 00 647) 1990-01-19

[11] 2,029,059  
[13] C

[51] Int.Cl. 5C03B 5/235

[25] EN

[54] WIDE RANGE OXY-FUEL BURNER AND FURNACE OPERATION

[54] BRULEUR OXYGENE-GAZ COMBUSTIBLE A PLAGE ETENDUE ET FONCTIONNEMENT DU FOUR

[72] Brown, John Thomas, US

[72] Kosco, John, US

[73] CORNING INCORPORATED, US

[22] 1990-10-31

[30] US (451,258) 1989-12-15

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[11] **2,033,096**  
[13] C

[51] **Int.Cl. 5G01N 21/89 5D21F 7/06 5G01N 33/34**  
[25] EN  
[54] **FORMATION MEASURING METHOD AND FORMATION CONTROL METHOD AND APPARATUS FOR USING SAID FORMATION MEASURING METHOD**  
[54] **METHODES DE MESURE ET DE CONTROLE DE FORMATIONS ET APPAREIL UTILISANT CETTE METHODE DE MESURE**  
[72] Yakabe, Masahiro, JP  
[72] Suzuki, Satoshi, JP  
[72] Degawa, Sadao, JP  
[72] Murayama, Shigeki, JP  
[72] Ishibashi, Koichi, JP  
[72] Nakashima, Ikuo, JP  
[72] Sakai, Koji, JP  
[73] Ishikawajima-Harima Jukogyo Kabushiki Kaisha, JP  
[85] 1991-01-17  
[86] 1990-05-30 (PCT/JP90/00705)  
[87] (WO90/15322)  
[30] JP (1-138439) 1989-05-31  
[30] JP (1-176576) 1989-07-07  
[30] JP (1-269906) 1989-10-17  
[30] JP (1-269907) 1989-10-17

[11] **2,033,345**  
[13] C

[51] **Int.Cl. 5B04C 5/08 5F01N 3/02 5B04C 5/103 5F01N 3/26 5F01N 3/28**  
[25] EN  
[54] **ARRANGEMENT FOR REMOVING OXIDIZABLE OR COMBUSTIBLE PARTICLES FROM EXHAUST GASES**  
[54] **AGENCEMENT SERVANT A L'ELIMINATION DES PARTICULES OXYDABLES OU COMBUSTIBLES DES GAZ D'ECHAPPEMENT**  
[72] SIBBERTSON, Walter, DE  
[72] FLATOW, Karl-Heinz, DE  
[73] VORTEX SYSTEMTECHNIK GMBH, DE  
[85] 1991-02-01  
[86] 1990-05-30 (PCT/EP90/00864)  
[87] (WO90/15228)  
[30] DE (P 39 17 888.9) 1989-06-01

[11] **2,034,046**  
[13] C

[51] **Int.Cl. 5C07F 13/00**  
[25] EN  
[54] **PROCESS FOR MAKING METHYLCYCLOPENTADIENYL MANGANESE TRICARBONYL COMPOUNDS**  
[54] **PROCEDE POUR LA FABRICATION DE COMPOSES METHYLCYCLOPENTADIENYL-MANGANESETRICARBONYLE**  
[72] Wu, Feng-Jung, US  
[72] Berris, Bruce C., US  
[72] Bell, Donald R., US  
[73] Ethyl Corporation, US  
[22] 1991-01-11  
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[73] AEA TECHNOLOGY plc, GB  
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[30] GB (90 02247.6) 1990-02-01

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[72] Chaubet, Olivier, FR  
[72] Riboulet, Georges, FR  
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[22] 1991-02-05  
[30] FR (90 01 708) 1990-02-08

[11] **2,036,371**  
[13] C

[51] **Int.Cl. 5G03C 1/07**  
[25] EN  
[54] **SILVER HALIDE PHOTOGRAPHIC LIGHT-SENSITIVE MATERIAL HAVING A HIGH SENSITIVITY AND IMPROVED PRESERVABILITY AND A PROCESS FOR PRODUCING THE SAME**  
[54] **PRODUIT PHOTOSENSIBLE A BASE D'HALOGENURE D'ARGENT POUR PHOTOGRAPHIE, POSSEDANT UNE GRANDE SENSIBILITE ET UNE CAPACITE DE PRESERVATION AMELIOREE; METHODE D'OBTENTION**  
[72] Takada, Hiroshi, JP  
[72] Matsuzaka, Syoji, JP  
[72] Haraga, Hideaki, JP  
[72] Ezaki, Atsuo, JP  
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[11] **2,037,264**  
[13] C

[51] **Int.Cl. 5B29D 7/01 5B32B 31/04 5B32B 31/10 5B29C 43/24**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF PROPYLENE POLYMER FILMS AND LAMINATES AND PRODUCTS THUS OBTAINED**  
[54] **PROCEDE DE PRODUCTION DE PELLICULES ET DE STRATIFIES DE POLYMERES DE PROPYLENE, ET PRODUITS AINSI OBTENUS**  
[72] Lesca, Giuseppe, IT  
[72] Vezzoli, Annibale, IT  
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[13] C  
[51] **Int.Cl. 5B32B 1/08 5B05D 3/02 5B05D 7/24 5B32B 27/28**  
[25] EN  
[54] **ROLLS HAVING SYNTHETIC COATINGS, AND PROCESS FOR MANUFACTURING SAME**  
[54] **ROULEAUX A REVETEMENT EN MATERIAUX DE SYNTHESE ET PROCEDE DE FABRICATION**  
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[22] 1991-03-07  
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[13] C  
[51] **Int.Cl. 5A41G 1/00 5A41G 1/02**  
[25] EN  
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[73] United Chinese Plastics Products Company Limited, HK  
[22] 1991-04-10  
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[51] **Int.Cl. 5B29C 65/08 5G01K 11/02 5B01J 19/10**  
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[54] **KLAXON ROTATIF, FONCTIONNANT AUX ULTRASONS**  
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[72] Ehlert, Thomas D., US  
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[30] US (525,523) 1990-05-18  
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[51] **Int.Cl. 5C06B 31/28 5C06B 45/02 5C06B 31/08 5F42D 1/08 5C06B 31/30**  
[25] EN  
[54] **EMULSION THAT IS COMPATIBLE WITH REACTIVE SULFIDE/PYRITE ORES**  
[54] **EMULSION COMPATIBLE AVEC DES MINERAIS DE SULFURE/PYRITE REACTIFS**  
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[51] **Int.Cl. 5G01T 3/00**  
[25] FR  
[54] **CHAMBRE A FISSION A GRANDE GAMME DE MESURE ET DISPOSITIF DE MESURE DE DEBIT DE FLUENCE NEUTRONIQUE UTILISANT CETTE CHAMBRE A FISSION**  
[54] **FISSION CHAMBER AND NEUTRON FLUENCE MEASURING DEVICE USING SUCH**  
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[72] Dauphin, Gérard, FR  
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR  
[22] 1991-05-31  
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[51] **Int.Cl. 5C25B 9/04 5C25B 9/00**  
[25] EN  
[54] **BONDED BUSBAR FOR DIAPHRAGM CELL CATHODE**  
[54] **BARRE OMNIBUS LIEE A L'INTERFACE POUR CATHODE DE CELLULE A DIAPHRAGME**  
[72] Romine, Richard L., US  
[72] Kubinski, Robert B., US  
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[73] ELTECH SYSTEMS CORPORATION, US  
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[51] **Int.Cl. 5G08B 13/24**  
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[54] **SYSTEMES DE LOCALISATION DE MOBILES, A LIGNE DE TRANSMISSION OUVERTE**  
[72] Harman, Robert Keith, CA  
[73] AURATEK SECURITY INC., CA  
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[86] 1991-02-20 (PCT/CA91/00050)  
[87] (WO91/13415)

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[51] **Int.Cl. 5A61K 9/56 5A61K 9/24 5A61K 9/30**  
[25] EN  
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[54] **FORME GALENIQUE PHARMACEUTIQUE ORALE SOLIDE A LIBERATION PROGRAMMEE**  
[72] Pozzi, Franco, IT  
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[73] ZAMBON GROUP S.P.A., IT  
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[13] C  
[51] **Int.Cl. 5C07H 15/10 5A61K 31/70**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION AND PURIFICATION OF A MIXTURE OF GLYCOSPHINGOLIPIDS, FREE FROM CONTAMINATION BY NON-CONVENTIONAL VIRUSES**  
[54] **PROCEDURE DE PREPARATION ET DE PURIFICATION D'UN MELANGE DE GLYCOSPHINGOLIPIDES, NON CONTAMINES PAR DES VIRUS NON CONVENTIONNELS**  
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[72] Callegaro, Lanfranco, IT  
[72] Lorenzi, Silvana, IT  
[73] Fidia S.p.A., IT  
[85] 1991-07-08  
[86] 1990-11-16 (PCT/EP90/01960)  
[87] (WO91/07417)  
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[13] C

[51] **Int.Cl. 5B60C 15/024**  
[25] EN  
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[54] **PNEUMATIQUE RADIAL POUR VOITURE DE TOURISME**  
[72] Kajiwara, Shinzo, JP  
[72] Yoshikawa, Hideaki, JP  
[72] Sugihara, Hideaki, JP  
[72] Sakamoto, Masayuki, JP  
[73] SUMITOMO RUBBER INDUSTRIES, LTD., JP  
[22] 1991-06-26  
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[30] JP (2-178527) 1990-07-05  
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[11] **2,049,895**  
[13] C

[51] **Int.Cl. 5C08L 63/00 5C09D 183/00 5B32B 27/04 5C09D 131/04 5C09D 175/04 5C08L 31/04 5C08L 75/04**  
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[54] **FAST CURE IN-MOLD COATING**  
[54] **REVETEMENT DANS LE MOULE A DURCISSEMENT RAPIDE**  
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[72] Reichenbach, Donald F., US  
[72] Sullivan, Brian J., US  
[73] OMNOVA SOLUTIONS INC., US  
[22] 1991-08-26  
[30] US (672,510) 1991-03-20

[11] **2,056,858**  
[13] C

[51] **Int.Cl. 5A46B 9/00**  
[25] EN  
[54] **SELF-ADJUSTING THREE SIDED TOOTHBRUSH AND METHOD OF MANUFACTURE**  
[54] **BROSSE A DENTS A TROIS FACES ET A REGLAGE AUTOMATIQUE ET METHODE DE FABRICATION CONNEXE**  
[72] Hegemann, Kenneth J., US  
[73] Benefit International Products, Ltd., GB  
[22] 1991-12-03  
[30] US (07/790,198) 1991-11-07

[11] **2,058,646**  
[13] C

[51] **Int.Cl. 5C07C 51/00 5C07F 5/02 5C07C 65/105**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF 5-(2,4-DIFLUOROPHENYL)-SALICYLIC ACID**  
[54] **METHODE DE PREPARATION D'ACIDE 5-(2,4-DIFLUOROPHENYL)SALICYLIQUE**  
[72] Giordano, Claudio, IT  
[72] Coppi, Laura, IT  
[72] Minisci, Francesco, IT  
[73] ZAMBON GROUP S.P.A., IT  
[22] 1991-12-31  
[30] IT (MI91A00027) 1991-01-08  
[30] IT (MI91A01094) 1991-04-19

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[13] C

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[54] **SHOE CONSTRUCTION HAVING IMPROVED BACK PART FIT**  
[54] **FABRICATION DE SOULIERS A CONFORT AMELIORE**  
[72] Rosen, Henri E., US  
[73] Rosen, Henri E., US  
[85] 1992-01-28  
[86] 1990-07-27 (PCT/US90/04220)  
[87] (WO91/01661)  
[30] US (389,252) 1989-08-02

[11] **2,063,738**  
[13] C

[51] **Int.Cl. 5G07F 3/02 5G07D 5/02 5G01B 7/10**  
[25] EN  
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[54] **DISPOSITIFS DE VALIDATION DE PIECES DE MONNAIE**  
[72] Waite, Timothy Peter, GB  
[72] Allan, Richard Douglas, GB  
[73] MARS INCORPORATED, US  
[85] 1992-01-23  
[86] 1990-07-27 (PCT/GB90/01168)  
[87] (WO91/02334)  
[30] GB (8917258.9) 1989-07-28

[11] **2,064,921**  
[13] C

[51] **Int.Cl. 5H04J 3/02**  
[25] EN  
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[54] **SYSTEME DE TRANSMISSION DE SIGNAUX**  
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[72] Mabey, Peter John, GB  
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[22] 1992-04-02  
[30] GB (9106941.9) 1991-04-03  
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[11] **2,067,309**  
[13] C

[51] **Int.Cl. 5C23C 16/50 5B05B 7/22**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR PLASMA CVD COATING OR PLASMA TREATING SUBSTRATES**  
[54] **PROCEDE DE DEPOSITION DE VAPEUR CHIMIQUE POUR LA METALLISATION OU LE TRAITEMENT DE SUBSTRATS AU PLASMA**  
[72] Otto, Jürgen, DE  
[73] Schott Glaswerke, DE  
[22] 1992-04-27  
[30] DE (P 41 14 108.3-45) 1991-04-30

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[13] C

[51] **Int.Cl. 5B05B 13/00 5C03C 17/00 5B65D 23/02 5B05B 15/04 5B05B 15/12**  
[25] EN  
[54] **PERMEABLE ATTENUATING DISTRIBUTOR FOR GLASS-COATING APPARATUS**  
[54] **DISTRIBUTEUR A ATTENUATION PERMEABLE POUR DISPOSITIF D'ENDUCTION DE VERRE**  
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[72] Barkalow, Raymond W., US  
[73] Elf Atochem North America, Inc., US  
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[13] C

[51] Int.Cl. 5H04N 7/12  
[25] EN  
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[54] SYSTEME D'EMISSION-RECEPTION DE SIGNAUX VIDEO A INTERPOLATION D'UN FACTEUR ADAPTATIF  
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[73] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 1992-05-12  
[30] KR (11498/1991) 1991-07-08

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[13] C

[51] Int.Cl. 5B65B 19/22  
[25] EN  
[54] APPARATUS FOR SEVERING (COLLAR) BLANKS FROM A WEB OF MATERIAL  
[54] DISPOSITIF POUR DECOUPER DES FLANS DANS UNE BANDE CONTINUE  
[72] Focke, Heinz, DE  
[72] Oberschelp, Frank, DE  
[73] Focke & Co. (G.m.b.H. & Co.), DE  
[22] 1992-05-15  
[30] DE (P 41 16 141.6) 1991-05-17

[11] 2,069,957  
[13] C

[51] Int.Cl. 5C07F 9/655 5C07D 321/00 5C07F 9/145 5C07C 43/178 5G01N 33/533 5C07F 9/6574  
[25] EN  
[54] CHEMILUMINESCENT 3-(SUBSTITUTED ADAMANT-2'-YLIDENE) 1,2-DIOXETANES  
[54] 3-(ADAMANT-2'-YLIDENE A SUBSTITUTION) 1,2-DIOXETANES CHIMILUMINESCENTS  
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[72] Edwards, Brooks, US  
[72] Juo, Rouh-Rong, US  
[73] Tropix, Inc., US  
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[86] 1991-08-30 (PCT/US91/06096)  
[87] (WO92/04341)  
[30] US (574,786) 1990-08-30  
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[11] 2,074,218  
[13] C

[51] Int.Cl. 5B23Q 3/00  
[25] EN  
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[54] SUPPORT REGLABLE, A DEUX SURFACES DE TRAVAIL  
[72] Schipper, Timothy H., US  
[72] Lubinkas, Robert B., US  
[72] Doane, Roger E., US  
[72] Musculus, Jeffrey A., US  
[73] Steelcase Inc., US  
[22] 1992-07-20  
[30] US (07/774,455) 1991-10-10

[11] 2,076,027  
[13] C

[51] Int.Cl. 5C08F 297/02 5C08F 299/00  
[25] FR  
[54] MACROMONOMERES MULTISEQUENCES FONCTIONNALISES ET LEUR PROCEDE DE FABRICATION  
[54] FUNCTIONALIZED MULTISEQUENCED MACROMONOMERS AND THEIR PRODUCTION METHOD  
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[72] Barbier, Yves, FR  
[72] Varshney, Sunil K., CA  
[72] Teyssie, Philippe, BE  
[72] Jacobs, Christian, BE  
[72] Fayt, Roger, BE  
[73] ELF ATOCHEM, S.A., FR  
[85] 1992-08-13  
[86] 1991-02-12 (PCT/FR91/00110)  
[87] (WO91/12284)  
[30] FR (90.01.724) 1990-02-14

[11] 2,077,208  
[13] C

[51] Int.Cl. 5H04B 17/02 5H04B 1/10  
[25] EN  
[54] ADAPTIVE RECOURSE ALLOCATION IN A MOBILE TELEPHONE SYSTEM  
[54] TRAITEMENT ADAPTATIF POUR SYSTEME DE TELEPHONIE MOBILE  
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[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[22] 1992-08-31  
[30] US (07/755,148) 1991-09-05

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[13] C

[51] Int.Cl. 5G06F 9/302  
[25] EN  
[54] CONTROL SIGNAL METHOD AND DEVICE  
[54] METHODE ET DISPOSITIF DE GENERATION DE SIGNAUX DE CONTROLE  
[72] Hauck, Charles E., Jr., US  
[73] Sun Microsystems, Inc., US  
[22] 1992-09-15  
[30] US (763,127) 1991-09-20

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[13] C

[51] Int.Cl. 5C02F 1/42 5B01J 47/00 5B01J 49/00  
[25] EN  
[54] WATER SOFTENER WITH RESIN BEADS OF DIFFERENT MESH SIZES  
[54] ADOUCISSEUR D'EAU A BILLES DE RESINE A GRANULOMETRIE DISTRIBUEE  
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[72] Gillett, Bruce, US  
[73] Ecowater Systems, Inc., US  
[22] 1992-10-09  
[30] US (775,216) 1991-10-11

[11] 2,081,306  
[13] C

[51] Int.Cl. 5G01J 5/20  
[25] EN  
[54] SEMICONDUCTOR FILM BOLOMETER THERMAL INFRARED DETECTOR  
[54] DETECTEUR BOLOMETRIQUE DE RAYONNEMENT A PELLICULE SEMI-CONDUCTRICE  
[72] Liddiard, Kevin Charles, AU  
[73] COMMONWEALTH OF AUSTRALIA (The), AU  
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[86] 1991-04-24 (PCT/AU91/00162)  
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[30] AU (PJ 9813) 1990-04-26

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[13] C

[51] **Int.Cl. 5B65B 25/02**  
[25] EN  
[54] **MEANS FOR SECURING A DECORATIVE COVER ABOUT A FLOWER POT**  
[54] **ELEMENT DE FIXATION DE REVETEMENT DECORATIF SUR UN POT A FLEURS**  
[72] Weder, Donald E., US  
[73] Southpac Trust International, Inc., NZ  
[22] 1992-11-02  
[30] US (832,096) 1992-02-06

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[13] C

[51] **Int.Cl. 5G05D 29/00**  
[25] EN  
[54] **MULTIPLEXED ELECTROHYDRAULIC TYPE OF CONTROL SYSTEM FOR USE IN UNDERSEA PRODUCTION SYSTEM**  
[54] **SYSTEME DE CONTROLE ELECTROHYDRAULIQUE MULTIPLEXE DESTINE A UN SYSTEME DE PRODUCTION SOUS-MARIN**  
[72] Coelho, Eduardo José de Jesus, BR  
[72] Euphemio, Mauro Luiz Lopes, BR  
[72] Freitas, Ricardo Muñoz, BR  
[72] Conti, Fábio Kerr Pinheiro, BR  
[73] Petroleo Brasileiro S.A. - Petrobras, BR  
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[13] C

[51] **Int.Cl. 5C21C 5/46 5F27D 3/15**  
[25] EN  
[54] **PROCESS AND DEVICE TO AVOID CONTAMINATION OF TAPPING STEEL BY FLUSH SLAG WITH A TILTABLE CONVERTER**  
[54] **METHODE ET DISPOSITIF PERMETTANT DE PIQUER L'ACIER SANS LE CONTAMINER AVEC DU LAITIER DE VIDANGE**  
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[72] Breier, Friedhelm, CA  
[73] Cone-Plast Engineering Inc., CA  
[22] 1992-11-13  
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[13] C

[51] **Int.Cl. 6E01B 9/16 6F16B 37/12**  
[25] EN  
[54] **SLEEVE FOR INCREASING RETENTION VALUE OF A SCREW**  
[54] **MANCHON SERVANT A AUGMENTER LA CAPACITE DE RETENUE D'UNE VIS**  
[72] Leibhard, Erich, DE  
[72] Popp, Franz, DE  
[72] Ludwig, Wolfgang, DE  
[72] Schwaninger, Thomas, AT  
[73] Hilti Aktiengesellschaft, DE  
[22] 1992-12-04  
[30] DE (P 41 40 563.3) 1991-12-09  
[30] DE (P 42 30 428.8) 1992-09-11

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[11] **2,085,693**  
[13] C

[51] **Int.Cl. 5B01D 17/028**  
[25] EN  
[54] **LATERAL FLOW COALESCING MULTIPHASE SEPARATOR**  
[54] **SEPARATEUR COALESCEUR LATERAL A PLUSIEURS PHASES**  
[72] Young, Bobby W., US  
[72] Mraovich, George M., US  
[73] Sudden Service, Inc., US  
[22] 1992-12-17  
[30] US (819,411) 1992-01-10

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[11] **2,086,662**  
[13] C

[51] **Int.Cl. 5F16D 25/14**  
[25] EN  
[54] **INCIPIENT CLUTCH CONTROL SYSTEM**  
[54] **COMMANDE D'EMBRAYAGE OPTIMAL**  
[72] Braun, Eugene Ralph, US  
[73] EATON CORPORATION, US  
[22] 1993-01-04  
[30] US (817,161) 1992-01-06

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[13] C

[51] **Int.Cl. 5C12P 21/00 6A61K 38/08 6C07K 1/10 6A61K 38/23 6A61K 38/28 5A61N 1/30 5A61K 9/70**  
[25] EN  
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[54] **MOLECULES POUR ADMINISTRATION PAR IONOPHORESE**  
[72] Sage, Burton H., Jr., US  
[72] Hoke, Randal A., US  
[73] BECTON, DICKINSON AND COMPANY, US  
[22] 1993-01-11  
[30] US (823,730) 1992-01-22

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[51] **Int.Cl. 5C08F 10/00 5C08F 4/10 5C01F 5/30**  
[25] FR  
[54] **PROCEDE DE FABRICATION DE MGCL2, MGO DE REPARTITION GRANULOMETRIQUE ETROITE. APPLICATION DE CE COMPOSE COMME SUPPORT DE COMPOSANTE CATALYTIQUE DE POLYMERISATION DES OLEFINES**  
[54] **PROCESS FOR THE PRODUCTION OF MGCL2, MGO OF RESTRICTED GRANULOMETRIC SPECTRUM. APPLICATION OF SAID COMPOUND AS SUPORT FOR THE CATALYTIC COMPONENT OF OLEFIN POLYMERIZATION**  
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[72] Patin, Maryse, FR  
[72] Brun, Claude, FR  
[73] ELF ATOCHEM, S.A., FR  
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[51] **Int.Cl. 5G01C 19/16 5F16F 15/02 5B64G 1/66**  
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[51] **Int.Cl. 5C08L 23/16 5C08L 23/06**  
[25] EN  
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[54] **COMPOSITIONS DE POLYOLEFINE PRESENTANT DE BONNES PROPRIETES DE TRANSPARENCE ET DE RESISTANCE A L'IMPACT**  
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[51] **Int.Cl. 5B65C 1/02 5B65C 9/42**  
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[54] **MACHINE POUR ETIQUETER LES SACS**  
[72] Rautenberg, Horst, DE  
[72] Duwendag, Rüdiger, DE  
[73] Windmoller & Holscher, DE  
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[51] **Int.Cl. 5D06F 39/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DISPENSING RINSE WATER ADDITIVE IN AN AUTOMATIC WASHING MACHINE**  
[54] **METHODE ET DISPOSITIF POUR L'AJOUT D'UN ADDITIF A L'EAU DE RINCAGE DANS UNE LAVEUSE AUTOMATIQUE**  
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[54] **APPAREIL ET METHODE DE RECEPTION DE SIGNAUX A SPECTRE ETALE A TRAJETS MULTIPLES**  
[72] Schilling, Donald L., US  
[73] InterDigital Technology Corporation, US  
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[87] (WO92/09155)  
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[51] **Int.Cl. 5B62D 7/18**  
[25] EN  
[54] **ONE-PIECE KNUCKLE ASSEMBLY**  
[54] **ENSEMBLE FUSEE DE DIRECTION MONOBLOC**  
[72] Mitchell, James, US  
[73] Mitchell, James, US  
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[11] **2,092,360**  
[13] C  
[51] **Int.Cl. 5C07C 69/704 5A61K 7/48 5C07C 69/80**  
[25] EN  
[54] **FATTY ALKOXYLATE ESTERS OF ALIPHATIC AND AROMATIC DICARBOXYLIC AND TRICARBOXYLIC ACIDS**  
[54] **ESTERS ALCOXYLATES GRAS D'ACIDES ALIPHATIQUES OU AROMATIQUES DICARBOXYLIQUES ET TRICARBOXYLIQUES**  
[72] Pereira, Abel G., US  
[72] Gallagher, Kevin F., US  
[72] Abend, Phillip G., US  
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[30] US (07/862,074) 1992-04-02

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[51] **Int.Cl. 5C07C 69/704 5A61K 7/48 5C07C 69/80**  
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[54] **ESTERS ALCOXYLATES GRAS D'ACIDES ALIPHATIQUES OU AROMATIQUES DICARBOXYLIQUES ET TRICARBOXYLIQUES**  
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[30] US (07/862,074) 1992-04-02

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[51] **Int.Cl. 5H01H 35/24**  
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[54] **MANOCONTACT**  
[72] Stahly, Daniel Clarence, US  
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[51] **Int.Cl. 5F16J 15/54 5F16J 15/34**  
[25] EN  
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[54] **JOINT MECANIQUE A RAINURES EN DOUBLE SPIRALE**  
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**5G01N 33/543 5G01N 33/566 5G01N 33/577 5G01N 33/74**  
[25] EN  
[54] **LIGAND-MEDIATED IMMUNOFUNCTIONAL HORMONE BINDING PROTEIN ASSAY METHOD**  
[54] **METHODE IMMUNOFONCTIONNELLE DE DOSAGE A MEDIATION PAR UN LIGAND D'UNE PROTEINE LIANT UNE HORMONE**  
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[72] Clark, Ross G., US  
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[73] GENENTECH, INC., US  
[85] 1993-04-13  
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[87] (WO92/08985)  
[30] US (07/615,538) 1990-11-19

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[13] C

[51] **Int.Cl. 5F25D 25/02**  
[25] EN  
[54] **SNAP-ON-SHELF**  
[54] **CLAYETTE MISE EN PLACE PAR SIMPLE PRESSION**  
[72] Kane, Edmund J., US  
[72] Herrmann, Robert S., US  
[72] Gilbert, Donald C., US  
[73] Gemtron Corporation, US  
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[30] US (07/920,391) 1992-07-27

[11] **2,095,357**  
[13] C

[51] **Int.Cl. 5B22D 41/38 5B22D 41/56**  
[25] EN  
[54] **PLATE CHANGER, PLATE, AND METHOD**  
[54] **APPAREIL CHANGEUR DE PLAQUES, PLAQUES ET METHODE**  
[72] King, Patrick D., US  
[73] Flo-Con Systems, Inc., US  
[85] 1993-04-30  
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[87] (WO93/04805)  
[30] US (07/753,387) 1991-08-30

[11] \* **2,095,872**  
[13] C

[51] **Int.Cl. 5A63C 5/00**  
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[54] **SKI**  
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[22] 1993-05-10

[11] **2,096,155**  
[13] C

[51] **Int.Cl. 5H04N 1/04 5H04N 1/46**  
[25] EN  
[54] **REFLECTIVE AND TRANSMISSIVE READING APPARATUS AND METHOD OF READING A DOCUMENT**  
[54] **LECTEUR OPTIQUE POUR LA LECTURE D'ORIGINAUX PAR REFLEXION ET PAR TRANSMISSION, ET METHODE DE LECTURE D'UN DOCUMENT**  
[72] Tanaka, Kenji, JP  
[72] Gomi, Masayuki, JP  
[72] Nagano, Fumikazu, JP  
[72] Yamamoto, Kouichi, JP  
[72] Motowaki, Kazuyuki, JP  
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[73] SHARP KABUSHIKI KAISHA, JP  
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[30] JP (HEI 4-256043) 1992-09-25  
[30] JP (HEI 5-011014) 1993-01-26

[11] **2,096,794**  
[13] C

[51] **Int.Cl. 5C07C 11/02 5B01D 53/04 5C07C 7/12**  
[25] EN  
[54] **METHOD OF PRODUCING UNSATURATED HYDROCARBONS AND SEPARATING THE SAME FROM SATURATED HYDROCARBONS**  
[54] **METHODE UTILISEE POUR PRODUIRE DES HYDROCARBURES INSATURES ET POUR LES SEPARER DES HYDROCARBURES SATURES**  
[72] Ramachandran, Ramakrishnan, US  
[72] Dao, Loc, US  
[73] THE BOC GROUP, INC., US  
[22] 1993-05-21  
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[30] US (07/891,501) 1992-05-29

[11] **2,099,128**  
[13] C

[51] **Int.Cl. 5H01R 13/62**  
[25] EN  
[54] **PULL RING LOCKING MECHANISM**  
[54] **MECANISME DE VERROUILLAGE A TIRETTE**  
[72] Dickie, Robert Gerald, CA  
[73] PAIGE INNOVATIONS INC., CA  
[85] 1993-06-23  
[86] 1991-09-11 (PCT/US91/06560)  
[87] (WO92/13375)  
[30] US (644,132) 1991-01-22

[11] **2,099,993**  
[13] C

[51] **Int.Cl. 5A01B 45/00 5B65H 16/00**  
[25] EN  
[54] **APPARATUS FOR LAYING TURF**  
[54] **MACHINE POUR POSER LE GAZON EN ROULEAUX**  
[72] Hess, Douglas S., US  
[73] Hess, Douglas S., US  
[85] 1993-07-06  
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[87] (WO93/10655)  
[30] US (801,533) 1991-12-02

[11] **2,102,882**  
[13] C

[51] **Int.Cl. 5B01D 37/02 5B01D 24/32**  
[25] EN  
[54] **PROCESS FOR REMOVAL OF SUSPENDED SOLIDS FROM PULP AND PAPER MILL EFFLUENTS**  
[54] **METHODE POUR ENLEVER LES SOLIDES EN SUSPENSION CONTENUS DANS LES EFFLUENTS DES MOULINS A PAPIER**  
[72] Dorica, Joseph, CA  
[72] Prahacs, Steven, CA  
[72] Ramamurthy, Pritham, CA  
[73] PULP AND PAPER RESEARCH INSTITUTE OF CANADA, CA  
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[13] C

[51] Int.Cl. 5C08L 83/08 5C08L 57/00  
[25] EN  
[54] **BLENDS OF VINYL POLYMER AND POLYSILOXANE**  
[54] **MELANGES DE POLYMERE VINYLIQUE ET POLYSILOXANE**  
[72] Calhoun, Glenn C., US  
[73] S. C. JOHNSON COMMERCIAL MARKETS, INC., US  
[85] 1993-08-06  
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[30] US (663,331) 1991-02-14

[11] 2,105,458  
[13] C

[51] Int.Cl. 6C08J 7/04 6C09D 11/10  
**6C08J 7/18**  
[25] EN  
[54] **PRINTED THERMOPLASTIC RESIN PRODUCTS AND METHOD FOR PRINTING SUCH PRODUCTS**  
[54] **PRODUITS IMPRIMES EN RESINE THERMOPLASTIQUE ET METHODE D'IMPRESSIION CORRESPONDANTE**  
[72] Tanaka, Ban, JP  
[72] Nii, Hiroki, JP  
[72] Yamada, Kosaku, JP  
[72] Kushida, Hideo, JP  
[72] Miya, Takashi, JP  
[72] Koshio, Shuichi, JP  
[72] Hayakawa, Tadashi, JP  
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[22] 1993-09-02  
[30] JP (269142/1992) 1992-09-14

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[13] C

[51] Int.Cl. 5B05B 5/04 5B05B 15/02  
**5B05B 12/14**  
[25] EN  
[54] **ROTARY ATOMIZING ELECTROSTATIC COATING APPARATUS AND A METHOD OF USE THEREOF**  
[54] **APPAREIL ROTATIF DE REVETEMENT PAR ATOMISATION ELECTROSTATIQUE ET METHODE D'UTILISATION**  
[72] Murate, Masashi, JP  
[72] Yamasaki, Isamu, JP  
[72] Tomita, Ichio, JP  
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[22] 1993-09-09  
[30] JP (Hei 4-242829) 1992-09-11  
[30] JP (Hei 5-102872) 1993-04-28

[11] 2,106,018  
[13] C

[51] Int.Cl. 5C09D 195/00 5C08L 95/00  
[25] FR  
[54] **PROCEDE POUR LA CONFECTION D'ENROBES BITUMINEUX DENSES A FROID STOCKABLES ET DE GRAVES-EMULSIONS**  
[54] **PROCESS FOR THE FABRICATION OF STORABLE DENSE COATED MATERIALS AND EMULSION GRAVEL**  
[72] Cheneviere, Pascal, FR  
[72] Fabre, Jean-Claude, FR  
[72] Navascues, Luc, FR  
[73] Ceca S.A., FR  
[22] 1993-09-13  
[30] FR (92 10 908) 1992-09-14

[11] 2,106,759  
[13] C

[51] Int.Cl. 5C07H 15/04 5A23L 1/236  
[25] EN  
[54] **CRYSTALLINE ANHYDROUS LACTITOL AND A PROCESS FOR THE PREPARATION THEREOF AS WELL AS USE THEREOF**  
[54] **LACTITOL CRISTALLIN ANHYDRE, PROCEDE DE PREPARATION ET UTILISATION**  
[72] Heikkilä, Heikki, FI  
[72] Nurmi, Juha, FI  
[72] Pepper, Tammy, GB  
[73] Xyrofin Oy, FI  
[85] 1993-09-22  
[86] 1992-03-19 (PCT/FI92/00077)  
[87] (WO92/16542)  
[30] FI (911411) 1991-03-22

[11] 2,107,346  
[13] C

[51] Int.Cl. 5B29C 45/23  
[25] EN  
[54] **PLASTIC INJECTION MOLDING NOZZLE WITH GAS ASSIST**  
[54] **BUSE D'INJECTION DE PLASTIQUE ET DE GAZ POUR PRESSE A INJECTION**  
[72] Baxi, Indra R., US  
[72] Johnson, Tom W., US  
[73] Nitrojection Corporation, US  
[85] 1993-09-29  
[86] 1992-04-01 (PCT/US92/02686)  
[87] (WO92/18316)  
[30] US (682,616) 1991-04-09

[11] 2,108,157  
[13] C

[51] Int.Cl. 5H01F 7/02  
[25] EN  
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[54] **AIMANT PERMANENT**  
[72] Rapoport, Uri, IL  
[73] FOXBORO, NMR, LTD., IL  
[85] 1993-10-08  
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[87] (WO92/18993)

[11] 2,108,777  
[13] C

[51] Int.Cl. 5C12N 7/01 5C07H 21/00  
**5A61K 39/125 5A61K 39/21 5C12N 15/83**  
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[54] **PHYTOVIRUS MODIFIES ET UTILISES COMME VECTEURS**  
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[72] Johnson, John E., US  
[73] PURDUE RESEARCH FOUNDATION, US  
[73] THE DOW CHEMICAL COMPANY, US  
[85] 1993-10-19  
[86] 1992-04-02 (PCT/GB92/00589)  
[87] (WO92/18618)  
[30] GB (9108386.5) 1991-04-19

[11] 2,108,947  
[13] C

[51] Int.Cl. 5F16H 59/04  
[25] EN  
[54] **FAULT TOLERANT METHOD OF TRANSMISSION GEAR SELECTION**  
[54] **METHODE DE SELECTION DES VITESSES INSENSIBLE AUX DEFAILLANCES**  
[72] Steeby, Jon Allen, US  
[72] Schroeder, Steven Allen, US  
[73] EATON CORPORATION, US  
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[30] US (968,200) 1992-10-29

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[25] EN  
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[54] **REVETEMENT THROMBORESISTANT UTILISABLE POUR LE DEMOUSSAGE**  
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[72] Loar, Mark, US  
[73] BAXTER INTERNATIONAL INC., US  
[85] 1993-11-24  
[86] 1992-05-20 (PCT/US92/04268)  
[87] (WO92/21387)  
[30] US (708,603) 1991-05-31

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[13] C

[51] **Int.Cl. 5C07F 9/547 5C07F 7/10 5C07D 407/12 5C07D 409/12 5C07D 305/14 5A61K 31/335 5A61K 31/38 5A61K 31/66 5A61K 31/695**  
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[54] **PHOSPHONOOXYMETHYL ETHERS OF TAXANE DERIVATIVES**  
[54] **PHOSPHONOOXYMETHYLEETHERS DE DERIVES DU TAXANE**  
[72] Golik, Jerzy, US  
[72] Vyas, Dolatrai, US  
[72] Wright, John J., US  
[72] Wong, Henry, US  
[72] Kadow, John F., US  
[72] Thottathil, John k., US  
[72] Li, Wen-Sen, US  
[72] Kaplan, Murray A., US  
[72] Perrone, Robert K., US  
[73] BRISTOL-MYERS SQUIBB COMPANY, US  
[22] 1993-12-15  
[30] US (07/996,455) 1992-12-24  
[30] US (08/108,015) 1993-08-17  
[30] US (08/154,840) 1993-11-24

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[13] C

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[25] EN  
[54] **SURGICAL STAPLER WITH SPENT CARTRIDGE SENSING AND LOCKOUT MEANS**  
[54] **AGRAFEUSE CHIRURGICALE AVEC DETECTION DE CARTOUCHE VIDE ET DISPOSITIF DE VERROUILLAGE**  
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[72] Plyley, Alan K., US  
[73] UNITED STATES SURGICAL CORPORATION, US  
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[62] 2,068,581  
[30] US (07/699,718) 1991-05-14  
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[11] **2,113,656**  
[13] C

[51] **Int.Cl. 5C07H 19/01 5A61K 31/70**  
[25] EN  
[54] **ISOLATION AND STRUCTURE OF SPONGISTATIN 1**  
[54] **ISOLEMENT ET STRUCTURE DE LA SPONGISTATINE 1**  
[72] Pettit, George R., US  
[72] Cichacz, Zbigniew A., US  
[72] Herald, Cherry L., US  
[73] Arizona Board of Regents, US  
[22] 1994-01-18  
[30] US (006,270) 1993-01-19

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[11] **2,113,679**  
[13] C

[51] **Int.Cl. 5B26D 3/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING PIECES OF FLEXIBLE MATERIAL FROM A LENGTH THEREOF**  
[54] **METHODE SERVANT A FOURNIR DES MORCEAUX D'UN MATERIAU FLEXIBLE A PARTIR D'UN ELEMENT DU MATERIAU, ET APPAREIL CONNEXE**  
[72] Croombs, Denis, GB  
[73] GUINNESS LIMITED, GB  
[22] 1994-01-18  
[30] GB (93 01 454.6) 1993-01-26

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[13] C

[51] **Int.Cl. 5C07D 405/06 5C07D 491/113 5C07D 405/14 5C07D 409/14 5C07D 417/14 5A61K 31/40 5A61K 31/445 5C07D 317/46 5A61K 31/495**  
[25] EN  
[54] **INDOLE DERIVATIVES AS STEROID 5 ALPHA-REDUCTASE INHIBITORS**  
[54] **DERIVES DE L'INDOLE UTILISES COMME INHIBITEURS DE STEROIDE 5-ALPHA REDUCTASE**  
[72] Maw, Graham Nigel, GB  
[72] Finn, Paul William, GB  
[72] Blagg, Julian, GB  
[72] Greengrass, Colin William, GB  
[73] PFIZER INC., US  
[85] 1994-08-26  
[86] 1993-02-16 (PCT/EP93/00380)  
[87] (WO93/17014)  
[30] GB (9204365.2) 1992-02-28

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[13] C

[51] **Int.Cl. 5C01B 3/40 5B01J 23/02 5B01J 8/24 5C01B 3/44**  
[25] EN  
[54] **SYNTHESIS GAS FROM PARTICULATE CATALYSTS, AND ADMIXTURES OF PARTICULATE CATALYSTS AND HEAT TRANSFER SOLIDS**  
[54] **GAZ DE SYNTHESE A PARTIR DE CATALYSEURS PARTICULAIRES, ET ADMISSION DE CATALYSEURS PARTICULAIRES ET DE SOLIDES CALOPORTEURS**  
[72] Davis, Stephen Mark, US  
[72] Clavenna, Leroy Russell, US  
[72] Say, Geoffrey Rhys, US  
[72] Fiato, Rocco Anthony, US  
[73] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[22] 1994-04-26  
[30] US (060,332) 1993-05-11

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[13] C  
[51] **Int.Cl. 5B60N 2/20**  
[25] EN  
[54] **PRECISION LINEAR MECHANICAL LOCK**  
[54] **VERROU MECANIQUE LINEAIRE DE PRECISION**  
[72] Porter, Clyde R., US  
[72] Stringer, Calvin R., US  
[73] P. L. PORTER CO., US  
[22] 1994-05-16  
[30] US (08/074,041) 1993-06-08  
[30] US (08/195,933) 1994-02-14

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[11] \* **2,123,857**  
[13] C  
[51] **Int.Cl. 5G06F 15/44 5G06F 13/14 5A63F 9/24**  
[25] EN  
[54] **INTERACTIVE, COMPUTERISED GAMING SYSTEM WITH REMOTE TERMINALS**  
[54] **JEU INFORMATIQUE INTERACTIF A TERMINAUX ELOIGNES**  
[72] Menashe, Julian, GB  
[73] Menashe, Julian, GB  
[22] 1994-05-18  
[30] ZA (93/3483) 1993-05-19

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[11] **2,126,358**  
[13] C  
[51] **Int.Cl. 5F25C 3/02 5F16L 3/00 5F16L 3/22**  
[25] EN  
[54] **APPARATUS FOR RETAINING COOLING PIPES FOR AN ICE RINK**  
[54] **SUPPORT POUR TUYAUTERIE DE REFROIDISSEMENT D'UNE PATINOIRE**  
[72] Gillespie, Duncan S., CA  
[73] Gillespie, Duncan S., CA  
[22] 1994-06-21

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[11] **2,128,125**  
[13] C  
[51] **Int.Cl. 5G06F 15/56**  
[25] EN  
[54] **METHOD OF ON-LINE TRANSIENT STABILITY ASSESSMENT OF ELECTRICAL POWER SYSTEMS**  
[54] **METHODE DE SURVEILLANCE EN DIRECT DE LA STABILITE DYNAMIQUE DE SYSTEMES D'ALIMENTATION EN ELECTRICITE**  
[72] Mansour, Yakout, CA  
[72] Vaahedi, Ebrahim, CA  
[72] Chang, Allen Y., CA  
[73] British Columbia Hydro and Power Authority, CA  
[22] 1994-07-15

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[11] **2,129,051**  
[13] C  
[51] **Int.Cl. 5A61K 9/70 5A61L 27/00**  
[25] EN  
[54] **ABSORBABLE COMPOSITE MATERIALS FOR USE IN THE TREATMENT OF PERIODONTAL DISEASE**  
[54] **MATERIAU COMPOSITE RESORBABLE POUR LE TRAITEMENT DES PARODONTOLYSES**  
[72] Harvey, Wilson, GB  
[72] Light, Nicholas D., GB  
[72] Haynes, Carla A., GB  
[73] JOHNSON & JOHNSON MEDICAL INC., US  
[22] 1994-07-28  
[30] GB (9315614.9) 1993-07-28

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[11] **2,129,365**  
[13] C  
[51] **Int.Cl. 5G09F 23/00**  
[25] EN  
[54] **MEANS FOR PLACING INFORMATION/ADVERTISING ON A FUEL DISPENSING NOZZLE OF A PETROL DISPENSING APPARATUS**  
[54] **SUPPORT D'INFORMATION OU DE PUBLICITE POUR PISTOLET DISTRIBUTEUR DE CARBURANT**  
[72] Alvern, Stein, NO  
[73] ALVERN NORWAY A/S, NO  
[85] 1994-08-02  
[86] 1993-02-03 (PCT/NO93/00021)  
[87] (WO93/15493)  
[30] NO (920434) 1992-02-03  
[30] NO (921637) 1992-04-28  
[30] NO (921763) 1992-05-05  
[30] NO (922580) 1992-06-30

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[11] **2,130,171**  
[13] C  
[51] **Int.Cl. 5G07D 7/00**  
[25] EN  
[54] **APPARATUS FOR RECORDING SYMBOLS PRINTED ON DOCUMENTS OR THE LIKE**  
[54] **APPAREIL D'ENREGISTREMENT DE SYMBOLES IMPRIMES SUR DES DOCUMENTS OU DES OBJETS SIMILAIRES**  
[72] Izawa, Hikaru, JP  
[72] Masuda, Yasuhiko, JP  
[72] Ohya, Toitsu, JP  
[72] Nago, Tokimi, JP  
[73] Japan Cash Machine Co., Ltd., JP  
[85] 1994-08-15  
[86] 1993-12-24 (PCT/JP93/01874)  
[87] (WO94/15321)  
[30] JP (4-349121) 1992-12-28

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[13] C  
[51] **Int.Cl. 5G01R 21/133 5G01R 21/06**  
[25] EN  
[54] **ELECTRICAL ENERGY METER AND METHODS THEREFOR**  
[54] **COMPTEUR D'ENERGIE ELECTRIQUE ET FONCTIONNEMENT DE CELUI-CI**  
[72] Munday, Mark L., US  
[72] Hemminger, Rodney C., US  
[73] ABB POWER T&D COMPANY, INC., US  
[85] 1994-08-18  
[86] 1992-11-05 (PCT/US92/09631)  
[87] (WO93/17390)  
[30] US (839,182) 1992-02-21

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[11] **2,130,824**  
[13] C  
[51] **Int.Cl. 5B01D 53/04**  
[25] EN  
[54] **FLUID FRACTIONATOR**  
[54] **APPAREIL AMELIORE DE FRACTIONNEMENT DE FLUIDES**  
[72] Hill, Charles C., US  
[72] Hill, Theodore B., US  
[73] SEQUAL TECHNOLOGIES INC., US  
[85] 1994-08-24  
[86] 1992-02-28 (PCT/US92/01510)  
[87] (WO93/16786)

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[11] **2,131,056**  
[13] C

[51] **Int.Cl. 5B27B 3/04 5B27B 1/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
BUCKSAWING LOGS**  
[54] **APPAREIL SERVANT A SCIER DES  
GRUMES ET METHODE CONNEXE**  
[72] Murray, Robert James, CA  
[73] Murray, Robert James, CA  
[22] 1994-08-29

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[11] \* **2,131,144**  
[13] C

[51] **Int.Cl. 5A41D 13/00 5A41D 13/12**  
[25] EN  
[54] **DISPOSABLE BIODEGRADABLE  
GARMENT**  
[54] **VETEMENT BIODEGRADABLE  
JETABLE**  
[72] Elliot, Sharon, CA  
[73] Elliot, Sharon, CA  
[22] 1994-08-30

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[11] **2,132,933**  
[13] C

[51] **Int.Cl. 5A61K 9/48 6A61K 38/13  
5A61K 31/71**  
[25] EN  
[54] **SOFT GELATIN CAPSULE  
MANUFACTURE**  
[54] **FABRICATION DE CAPSULES DE  
GELATINE MOLLE**  
[72] Brox, Werner, DE  
[72] Meinzer, Armin, DE  
[72] Zande, Horst, DE  
[73] NOVARTIS AG, CH  
[73] R.P. Scherer GmbH, DE  
[22] 1994-09-26  
[30] DE (P 43 32 931.4) 1993-09-28

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[11] **2,133,383**  
[13] C

[51] **Int.Cl. 5B01D 27/00**  
[25] EN  
[54] **FILTER HAVING INTERNALLY  
THREADED COVER NON-  
ROTATABLY MOUNTED TO CASING  
OF THE FILTER**  
[54] **FILTRE COMPORTANT UN  
COUVERCLE A FILETAGE INTERNE  
FIXE PAR RAPPORT AU BOITIER DU  
FILTRE**  
[72] Imai, Koji, JP  
[72] Wakahoi, Toshiya, JP  
[72] Adachi, Hiromitsu, JP  
[72] Terada, Keiichi, JP  
[72] Yamashita, Hiroaki, JP  
[72] Morikawa, Hiroshi, JP  
[73] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[73] Toyo Roki Seizo Kabushikikaisha, JP  
[22] 1994-09-30  
[30] JP (5-269857) 1993-10-01  
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[11] **2,133,447**  
[13] C

[51] **Int.Cl. 5B32B 27/08 5A61F 13/46**  
[25] EN  
[54] **MULTILAYER FILM EXHIBITING  
AN OPAQUE APPEARANCE**  
[54] **FILM MULTICOUCHE  
D'APPARENCE OPAQUE**  
[72] Visscher, Ronald B., US  
[72] Perry, Bruce F., US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1994-09-30  
[86] 1993-03-22 (PCT/US93/02574)  
[87] (WO93/19714)  
[30] US (07/863,936) 1992-04-06

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[11] **2,134,127**  
[13] C

[51] **Int.Cl. 5B01D 17/022**  
[25] EN  
[54] **DEVICE AND METHOD TO  
SEPARATE COMPONENTS IN  
MIXTURES OF NON-MISCIBLE  
LIQUIDS**  
[54] **DISPOSITIF ET METHODE  
SERVANT A SEPARER LES ELEMENTS  
CONSTITUTIFS DE MELANGES DE  
LIQUIDES NON MISCIBLES**  
[72] Torini, Alberto, IT  
[73] Italtraco S.r.l., IT  
[85] 1994-10-21  
[86] 1993-04-30 (PCT/EP93/01053)  
[87] (WO93/22023)  
[30] IT (Mi 92 A001045) 1992-04-30

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[13] C

[51] **Int.Cl. 5C07C 69/653 5C07C 67/08  
5B01J 19/24**  
[25] EN  
[54] **IMPROVED PROCESS FOR  
PREPARING UNSATURATED  
CARBOXYLIC ACID ESTERS AND  
NOVEL APPARATUS FOR PREPARING  
THE SAME**  
[54] **PROCEDE ET NOUVEL APPAREIL  
POUR LA PREPARATION D'ESTERS  
D'ACIDE CARBOXYLIQUE  
INSATURES**  
[72] Woo, Boo G., KR  
[72] Park, Kwang H., KR  
[72] Joo, Hwa M., KR  
[72] Lee, Han S., KR  
[73] Lucky Ltd., KR  
[22] 1994-11-18

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[11] **2,138,120**  
[13] C

[51] **Int.Cl. 5B32B 27/08 5A61F 13/46**  
[25] EN  
[54] **BIODEGRADABLE, LIQUID  
IMPERVIOUS MULTILAYER FILM  
COMPOSITIONS**  
[54] **COMPOSITIONS  
BIODEGRADABLES, LIQUIDES ET  
IMPERMEABLES D'UNE PELLICULE  
MULTICOUCHE**  
[72] Wnuk, Andrew Julian, US  
[72] Koger, Thurman John, II, US  
[72] Young, Terrill Alan, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1994-12-14  
[86] 1993-06-14 (PCT/US93/05617)  
[87] (WO94/00293)  
[30] US (07/905,057) 1992-06-26

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[13] C

[51] **Int.Cl. 5G06F 9/44 5G06F 3/023**  
[25] EN  
[54] **CONTROLLER FOR COMPUTER PROGRAM RUNNING MULTIPLE THREADS ENABLING SELECTIVE GRAPHIC USER INTERFACE (GUI) CONTROL AND COMMAND LINE (TTY) CONTROL FROM TERMINAL EMULATOR OR USER PROGRAM**  
[54] **CONTROLEUR POUR INTERFACE D'UTILISATEUR GRAPHIQUE ET POUR LIGNE DE COMMANDE**  
[72] Tyler, Ross E., US  
[73] RAYTHEON COMPANY, US  
[85] 1994-12-20  
[86] 1994-05-20 (PCT/US94/05691)  
[87] (WO94/28483)  
[30] US (069,052) 1993-05-24

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[13] C

[51] **Int.Cl. 6H04B 1/06 6H04B 10/148**  
[25] EN  
[54] **RECEIVING SYSTEM HAVING A LARGE DYNAMIC RANGE**  
[54] **SYSTEME DE RECEPTION A GRANDE DYNAMIQUE**  
[72] Funaki, Hidefumi, JP  
[73] TOKIN CORPORATION, JP  
[22] 1995-02-06  
[30] JP (16239/1994) 1994-02-10

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[11] **2,139,197**  
[13] C

[51] **Int.Cl. 5H04L 12/56**  
[25] EN  
[54] **CONNECTION-ORIENTED NETWORK USING DISTRIBUTED NETWORK RESOURCES AND PREDETERMINED VPIS FOR FAST VC ESTABLISHMENT**  
[54] **RESEAU ORIENTE CONNEXIONS UTILISANT DES RESSOURCES REPARTIES ET DES IDENTIFICATEURS DE TRAJET VIRTUEL PREDETERMINEES POUR L'ETABLISSEMENT RAPIDE DE CANAUX VIRTUELS**  
[72] Iwata, Atsushi, JP  
[73] NEC CORPORATION, JP  
[22] 1994-12-28  
[30] JP (5-333433) 1993-12-27

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[13] C

[51] **Int.Cl. 6A01N 65/00 6A01N 25/08**  
[25] EN  
[54] **BAIT WITH CORN GERM**  
[54] **APPAT CONSTITUE DE GERME DE BLE**  
[72] Munson, Derrill, US  
[72] Lew, Chel W., US  
[72] Gaggero, James M., US  
[72] Branly, Keith, US  
[73] Micro Flo Company, US  
[22] 1995-01-24  
[30] US (08/189,355) 1994-01-31

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[11] **2,142,040**  
[13] C

[51] **Int.Cl. 6D06F 39/08**  
[25] EN  
[54] **WASHING MACHINE FILL SYSTEM**  
[54] **SYSTEME DE REMPLISSAGE POUR MACHINE A LAVER**  
[72] Pick, James M., US  
[73] EATON CORPORATION, US  
[22] 1995-02-08  
[30] US (194,542) 1994-02-10

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[11] **2,142,683**  
[13] C

[51] **Int.Cl. 6C23C 18/18**  
[25] EN  
[54] **PROCESS FOR CATALYZATION IN ELECTROLESS PLATING USING CHITOSAN OR A CHITOSAN DERIVATIVE**  
[54] **PROCEDE DE CATALYSE DANS LE DEPOT AUTOCATALYTIQUE AU MOYEN D'UN CHITOSANE OU D'UN DERIVE DE CHITOSANE**  
[72] Omura, Yoshihiko, JP  
[73] Omura Toryo Co., Ltd., JP  
[73] Daishin Chemical Co., Ltd., JP  
[22] 1995-02-16  
[30] JP (1994-331097) 1994-12-08

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[11] **2,143,049**  
[13] C

[51] **Int.Cl. 6F24C 15/20**  
[25] EN  
[54] **FUME EXHAUSTING DEVICE**  
[54] **DISPOSITIF POUR L'EVALUATION DES FUMEEES**  
[72] Jang, Sun-Sing, TW  
[73] Jang, Sun-Sing, TW  
[22] 1995-02-21

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[11] **2,143,099**  
[13] C

[51] **Int.Cl. 6B01D 53/44 6B01D 53/86**  
[25] EN  
[54] **PROCESS FOR THE PURIFICATION OF INERT GASES**  
[54] **METHODE DE PURIFICATION DE GAZ INERTES**  
[72] Ghisolfi, Guido, IT  
[72] Giordano, Dario, IT  
[72] Boveri, Giuseppina, IT  
[73] Sinco Engineering S.p.A., IT  
[85] 1995-02-22  
[86] 1993-11-08 (PCT/EP93/03117)  
[87] (WO95/02446)  
[30] IT (MI93A001576) 1993-07-16

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[11] **2,144,422**  
[13] C

[51] **Int.Cl. 6D21C 7/12 6G01N 23/00 6G01N 23/222**  
[25] EN  
[54] **CONTINUOUS ELEMENTAL ANALYSIS OF PROCESS FLOWS**  
[54] **ANALYSE EN CONTINU DES ELEMENTS CONSTITUTIFS D'ECOULEMENTS LIQUIDES**  
[72] Kiiskilä, Erkki, FI  
[72] Koskelo, Markku, US  
[72] Visuri, Pertti, US  
[73] Ahlstrom Machinery Oy, FI  
[85] 1995-03-10  
[86] 1993-09-21 (PCT/FI93/00377)  
[87] (WO94/06963)  
[30] US (948,645) 1992-09-23

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[11] **2,144,874**  
[13] C

[51] **Int.Cl. 6G06F 9/44 6G06F 9/45**  
[25] EN  
[54] **INCREMENTAL BUILD SYSTEM**  
[54] **SYSTEME DE CREATION INCREMENTIELLE DE PROGRAMME**  
[72] McInerney, Peter Joseph, US  
[72] Gibbons, Bill, US  
[73] OBJECT TECHNOLOGY LICENSING CORPORATION, US  
[85] 1995-03-16  
[86] 1994-01-03 (PCT/US94/00041)  
[87] (WO95/00901)  
[30] US (085,487) 1993-06-28

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[13] C

[51] **Int.Cl. 6G03D 13/00 6G03B 7/24**  
[25] EN  
[54] **APPARATUS AND METHOD FOR READING FILM INFORMATION FOR CARTRIDGE**  
[54] **APPAREIL ET METHODE DE LECTURE D'INFORMATIONS INSCRITES SUR UNE CARTOUCHE DE FILM**  
[72] Kiyonaga, Yutaka, JP  
[73] Noritsu Koki Co., Ltd., JP  
[22] 1995-03-28  
[30] JP (67447/1994) 1994-04-05

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[13] C

[51] **Int.Cl. 6F16K 11/00 6B05C 1/04**  
[25] EN  
[54] **VALVE DEVICE AND RESIN COATING APPARATUS INCORPORATING SAME**  
[54] **SYSTEME DE DISTRIBUTION ET APPAREIL DE REVETEMENT DE RESINE COMPORTANT LEDIT SYSTEME**  
[72] Preston, Roger Stephen, GB  
[72] Paxton, Kenneth Charles, GB  
[73] Pirelli General plc, GB  
[22] 1995-03-30  
[30] GB (9406475.5) 1994-03-31

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[11] **2,146,531**  
[13] C

[51] **Int.Cl. 6A47L 15/46**  
[25] EN  
[54] **A METHOD FOR ADJUSTING THE RINSE CYCLE OF A WAREWASHER**  
[54] **UNE METHODE DE REGLAGE FIN DU CYCLE DE RINCAGE D'UNE MACHINE A LAVER**  
[72] Stover, Kevin Lee, US  
[72] Cartwright, Richard W., US  
[72] Grueser, Thomas Alan, US  
[72] Boryca, Walter Joseph, US  
[73] Premark FEG L.L.C., US  
[22] 1995-04-06  
[30] US (08/226,885) 1994-04-13

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[11] **2,146,533**  
[13] C

[51] **Int.Cl. 6B01D 35/28**  
[25] EN  
[54] **PAINT STRAINER ASSEMBLY**  
[54] **DISPOSITIF A FILTRER LA PEINTURE**  
[72] Reaves, Paul H., US  
[73] Reaves & Company, Inc., US  
[22] 1995-04-06  
[30] US (08/252,438) 1994-06-01

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[11] **2,146,705**  
[13] C

[51] **Int.Cl. 6B01D 19/00**  
[25] EN  
[54] **AIR/GAS SEPARATOR DEVICE**  
[54] **DISPOSITIF POUR SEPARER L'AIR OU LES GAZ**  
[72] Hoogesteger, James L., US  
[72] Damrau, Wayne A., US  
[73] Consolidated Papers, Inc., US  
[22] 1995-04-10  
[30] US (228,281) 1994-04-15

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[11] **2,146,834**  
[13] C

[51] **Int.Cl. 6B27F 1/00**  
[25] EN  
[54] **FINGER JOINT TEMPLATE**  
[54] **GABARIT DE JOINT A ENTURES MULTIPLES**  
[72] Grisley, Kenneth M., CA  
[73] Grisley, Kenneth M., CA  
[22] 1995-04-11  
[30] US (08/274,854) 1994-07-14

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[13] C

[51] **Int.Cl. 6G06F 9/44**  
[25] EN  
[54] **ATOMIC COMMAND SYSTEM**  
[54] **SYSTEME DE COMMANDE ATOMIQUE**  
[72] Matheny, John R., US  
[72] White, Christopher, US  
[72] Anderson, David R., US  
[73] OBJECT TECHNOLOGY LICENSING CORPORATION, US  
[85] 1995-04-19  
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[87] (WO94/15281)  
[30] US (996,186) 1992-12-23

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[13] C

[51] **Int.Cl. 6H02M 7/537 6H02M 7/538**  
[25] EN  
[54] **POWER SUPPLY FOR VACUUM FLUORESCENT DISPLAYS**  
[54] **ALIMENTATION ELECTRIQUE POUR AFFICHAGES FLUORESCENTS SOUS VIDE**  
[72] Lameris, Gary J., US  
[72] Rothfuss, Daniel C., US  
[73] Premark FEG L.L.C., US  
[22] 1995-04-28  
[30] US (08/236479) 1994-05-02

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[11] **2,148,651**  
[13] C

[51] **Int.Cl. 6A61K 7/075 6A61K 7/48**  
[25] FR  
[54] **UTILISATION DE COMPOSES ANTIFONGIQUES ET DE COMPOSES ANTIBACTERIENS HALOGENES POUR DIMINUER LA CHUTE DES CHEVEUX**  
[54] **HALOGENATED ANTIFUNGAL AND ANTIBACTERIAL COMPOUNDS USED FOR REDUCING HAIR LOSS**  
[72] Saint-Léger, Didier, FR  
[73] L'OREAL, FR  
[22] 1995-05-04  
[30] FR (94 05 541) 1994-05-05

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[11] **2,150,949**  
[13] C

[51] **Int.Cl. 6C11B 3/04 6A23D 9/00**  
[25] EN  
[54] **PROCESS FOR THE REFINING OF EDIBLE OILS**  
[54] **PROCEDE SERVANT A RAFFINER DES HUILES COMESTIBLES**  
[72] van Dalen, Josef Petrus, NL  
[72] van Putte, Karel P. A. M., NL  
[72] van Slooten, Ronald Frederick, NL  
[72] Zwanenburg, Arend, NL  
[73] UNILEVER PLC, GB  
[85] 1995-06-02  
[86] 1993-11-16 (PCT/EP93/03213)  
[87] (WO94/12596)  
[30] EP (92203750.2) 1992-12-03

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[13] C

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[25] EN  
[54] PAPERMAKING FELT,  
SUBSTRATE, AND METHODS OF  
MAKING  
[54] TOILE MULTICOUCHE DE  
MACHINE A PAPIER ET METHODE DE  
FABRICATION DE PAPIER  
[72] Schultz, Gary V., US  
[72] Le Gault, Dennis J., US  
[73] APPLETON MILLS, US  
[22] 1995-07-14  
[30] US (470,327) 1995-06-06

[11] 2,154,927  
[13] C

[51] Int.Cl. 6A61F 13/50 6A61F 13/46  
[25] EN  
[54] BODY FITTING COMPOUND  
SANITARY NAPKIN  
[54] SERVIETTE HYGIENIQUE  
COMPOSITE  
[72] Mayer, Katherine Louise, US  
[72] Lavash, Bruce William, US  
[72] Hammons, John Lee, US  
[72] Osborn, Thomas Ward III, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[22] 1995-07-28  
[30] US (08/294,663) 1994-08-19

[11] 2,155,596  
[13] C

[51] Int.Cl. 6C23C 4/12  
[25] EN  
[54] LAMINAR FLOW SHIELDING OF  
FLUID JET  
[54] PROTECTION CONTRE UN JET  
DE LIQUIDE PAR UN FLUX  
LAMINAIRE DE GAZ  
[72] Nowotarski, Mark Stephen, US  
[72] Lemen, Don Joseph, US  
[72] Snyder, William Joseph, US  
[72] Leturno, David B., US  
[73] PRAXAIR TECHNOLOGY, INC., US  
[22] 1995-08-08  
[30] US (08/286,200) 1994-08-08

[11] 2,155,832  
[13] C

[51] Int.Cl. 6G10L 3/02 6H04B 15/00  
[25] EN  
[54] NOISE REDUCTION  
[54] AFFAIBLISSEMENT DU BRUIT  
[72] Crozier, Philip Mark, GB  
[72] Cheetham, Barry Michael George, GB  
[73] BRITISH TELECOMMUNICATIONS  
PUBLIC LIMITED COMPANY, GB  
[85] 1995-08-10  
[86] 1994-02-11 (PCT/GB94/00278)  
[87] (WO94/18666)  
[30] EP (93301024.1) 1993-02-12

[11] 2,156,888  
[13] C

[51] Int.Cl. 6B32B 27/12 6B29D 9/00  
6B29C 47/02 6B32B 31/04  
[25] EN  
[54] EXTRUSION LAMINATE OF  
INCREMENTALLY STRETCHED  
NONWOVEN FIBROUS WEB AND  
THERMOPLASTIC FILM AND  
METHOD  
[54] LAMINE-EXTRUSION D'UNE  
BANDE FIBREUSE NON TISSEE,  
ETIREE PAR INCREMENTS;  
PELLICULE THERMOPLASTIQUE ET  
METHODE D'OBTENTION  
[72] Wu, Pai-Chuan, US  
[73] Clopay Plastic Products Company, Inc.,  
US  
[22] 1994-03-09  
[30] US (032,355) 1993-03-12

[11] 2,156,989  
[13] C

[51] Int.Cl. 6B05D 7/06 6B27N 7/00  
[25] EN  
[54] PROCESS FOR CONTINUOUSLY  
APPLYING A WATER-BASED FILLER  
MATERIAL TO A SUBSTRATE  
[54] PROCEDE D'APPLICATION EN  
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AQUEUX SUR UN SUBSTRAT DE BOIS  
[72] Arrington, Donald L., US  
[73] Willamette Valley Company (The), US  
[22] 1995-09-25  
[30] US (08/318,066) 1994-10-05

[11] 2,157,533  
[13] C

[51] Int.Cl. 6A23L 1/311 6A23L 1/326  
[25] EN  
[54] PROCESS FOR PRODUCING  
FLAKE STYLE FOOD  
[54] PROCEDE POUR L'OBTENTION  
D'ALIMENTS EN FLOCONS  
[72] Takeda, Hideyuki, JP  
[73] Maruha Corporation, JP  
[22] 1995-09-05  
[30] JP (6-223067) 1994-09-19

[11] 2,157,773  
[13] C

[51] Int.Cl. 6C11D 10/02 6C11D 17/00  
6C11D 3/20 6C11D 3/37  
[25] EN  
[54] SYNTHETIC DETERGENT BAR  
AND MANUFACTURE THEREOF  
[54] DETERSIF SYNTHETIQUE EN  
BARRES ET METHODE DE  
FABRICATION CONNEXE  
[72] Chambers, John George, GB  
[72] Joy, Bryan Stuart, GB  
[73] UNILEVER PLC, GB  
[85] 1995-09-07  
[86] 1994-03-14 (PCT/EP94/00792)  
[87] (WO94/21778)  
[30] GB (9305377.5) 1993-03-16

[11] 2,158,842  
[13] C

[51] Int.Cl. 6A46B 9/04  
[25] EN  
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[72] Bredall, William A., US  
[72] Simms, Graham J., US  
[73] GILLETTE CANADA INC., CA  
[85] 1995-09-21  
[86] 1994-03-18 (PCT/US94/02927)  
[87] (WO94/21152)  
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[13] C

[51] **Int.Cl. 6G08B 21/00 6B41F 33/00**  
[25] EN  
[54] **AUTOMATIC VERIFICATION SYSTEM FOR MULTIPLE-PART PRINTED PRODUCT**  
[54] **SYSTEME DE VERIFICATION AUTOMATIQUE POUR IMPRIME COMPOSE DE PLUSIEURS ELEMENTS**  
[72] Twardowski, Joseph W., US  
[72] Graham, Raymond J., US  
[72] Stevens, Scott A., US  
[73] Wallace Computer Services, Inc., US  
[22] 1995-09-29  
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[13] C

[51] **Int.Cl. 6B03B 9/02**  
[25] EN  
[54] **CONVERSION OF THE ORGANIC COMPONENT FROM NATURALLY OCCURRING CARBONACEOUS MATERIAL**  
[54] **CONVERSION DE LA COMPOSANTE ORGANIQUE PROVENANT DE SUBSTANCES CARBONACEES PRESENTES A L'ETAT NATUREL**  
[72] Sankey, Bruce M., CA  
[72] MAA, PETER S., US  
[72] Bearden, Roby, Jr., US  
[73] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[22] 1995-10-18  
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[13] C

[51] **Int.Cl. 6G03B 27/32 6G03B 27/72 6G03B 27/73**  
[25] EN  
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[54] **LECTEUR D'IMAGES POUR MATERIEL DE TIRAGE PHOTOGRAPHIQUE**  
[72] Nakao, Hiroto, JP  
[73] Noritsu Koki Co., Ltd., JP  
[22] 1995-10-30  
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[13] C

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[54] **CIRCUIT AND METHOD FOR COMPENSATING FOR NONLINEAR DISTORTION OF INPUT SIGNAL**  
[54] **CIRCUIT ET METHODE DE CORRECTION DE LA DISTORSION NON LINEAIRE D'UN SIGNAL**  
[72] Sasaki, Chiharu, JP  
[73] NEC CORPORATION, JP  
[22] 1995-11-03  
[30] JP (296022/1994) 1994-11-07

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[13] C

[51] **Int.Cl. 6A61M 25/01**  
[25] EN  
[54] **HIGH PERFORMANCE SPIRAL-WOUND CATHETER**  
[54] **CATHETER A ENROULEMENT EN SPIRALE, HAUT RENDEMENT**  
[72] Samson, Gene, US  
[73] TARGET THERAPEUTICS, INC., US  
[22] 1995-11-09  
[30] US (338,018) 1994-11-10

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[13] C

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[25] EN  
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[54] **IMMUNOTOXINES RENFERMANT DE LA GELONINE ET UN ANTICORPS**  
[72] Better, Marc D., US  
[72] Carroll, Stephen F., US  
[72] Studnicka, Gary M., US  
[73] XOMA CORPORATION, US  
[85] 1995-11-10  
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[87] (WO94/26910)  
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[13] C

[51] **Int.Cl. 6H02G 1/00**  
[25] EN  
[54] **WIRE STRINGING DEVICE**  
[54] **DISPOSITIF POUR L'INSTALLATION DE FILS**  
[72] Bajric, Suad, CA  
[72] Batur, Alp, CA  
[72] Burns, Dominic, CA  
[72] Faulkner, John F., CA  
[72] Sandovski, Ljubisa, CA  
[72] Sonnenschein, Rene, CA  
[72] Stanleigh, Howard D., CA  
[73] CANUS SUPPLY CO. LTD., CA  
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[54] **GROUND FAULT MODULE CONDUCTORS AND BASE THEREFOR**  
[54] **CONDUCTEURS DE MODULES DE DEFAUT A LA TERRE ET LEUR SOCLE**  
[72] Leach, Thomas Carver, US  
[72] Turner, Duane L., US  
[72] Carter, Darryl, US  
[73] SQUARE D COMPANY, US  
[85] 1995-12-07  
[86] 1995-04-28 (PCT/US95/05346)  
[87] (WO95/30234)  
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[13] C

[51] **Int.Cl. 6F16D 13/00**  
[25] EN  
[54] **CLUTCH PLATE FOR AUTOMATIC TRANSMISSIONS**  
[54] **PLATEAU D'EMBRAYAGE POUR TRANSMISSION AUTOMATIQUE**  
[72] Avers, Wayne M., US  
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[51] **Int.Cl. 6A61B 17/03**  
[25] EN  
[54] **IMPLANT DELIVERY ASSEMBLY WITH EXPANDABLE COUPLING/ DECOUPLING MECHANISM**  
[54] **SYSTEME D'INSERTION D'IMPLANT AVEC MECANISME TELESCOPIQUE DE COUPLAGE/ DECOUPLAGE**  
[72] Sepetka, Ivan, US  
[72] Chee, U. Hiram, US  
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[22] 1995-12-19  
[30] US (363,264) 1994-12-22

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[13] C  
[51] **Int.Cl. 6C09J 123/08 6C09J 193/04 6C09J 191/08**  
[25] EN  
[54] **COOL-APPLIED HOT MELT ADHESIVE COMPOSITION**  
[54] **COMPOSITION ADHESIVE THERMOFUSIBLE, APPLIQUEE A FROID**  
[72] Liederemooy, Ingrid, US  
[72] Stauffer, Daniel C., US  
[72] Puletti, Paul P., US  
[73] ABLESTIK LABORATORIES, US  
[22] 1996-01-03  
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[13] C  
[51] **Int.Cl. 6H04L 1/00 6H04L 27/38**  
[25] EN  
[54] **METHOD AND DEVICE FOR THE RECEPTION OF SIGNALS AFFECTED BY INTER-SYMBOL INTERFERENCE**  
[54] **METHODE ET DISPOSITIF DE RECEPTION DE SIGNAUX PARASITES PAR LE BROUILLAGE ENTRE MOMENTS**  
[72] Benedetto, Valter, IT  
[73] CSELT - CENTRO STUDI E LABORATORI TELECOMUNICAZIONI S.P.A., IT  
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[51] **Int.Cl. 6C08F 210/18 6C08L 23/08 6C08L 23/16 6C08F 4/64 6C08F 4/76**  
[25] EN  
[54] **ETHYLENE-.ALPHA.-OLEFIN-NONCONJUGATED POLYENE RANDOM COPOLYMER, RUBBER COMPOSITION, AND PROCESS FOR PREPARING THE RANDOM COPOLYMER**  
[54] **COPOLYMER ALEATOIRE D'ETHYLENE-.ALPHA.-OLEFINE ET DE POLYENE CONJUGUE; COMPOSITION DE CAOUTCHOUC ET METHODE DE PREPARATION DU COPOLYMER ALEATOIRE**  
[72] Sagane, Toshihiro, JP  
[72] Tsutsui, Toshiyuki, JP  
[72] Kawasaki, Masaaki, JP  
[72] Okada, Keiji, JP  
[72] Tojo, Tetsuo, JP  
[72] Tanizaki, Tatsuya, JP  
[73] MITSUI CHEMICALS, INC., JP  
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[11] \* **2,168,286**  
[13] C  
[51] **Int.Cl. 6G11B 7/125**  
[25] EN  
[54] **SPARE AND CALIBRATION SECTOR MANAGEMENT FOR OPTICAL WORM MEDIA**  
[54] **GESTION DE SECTEURS DE RECHANGE ET D'ETALONNAGE POUR DISQUES OPTIQUES NON REINSCRIPTIBLES**  
[72] Kulakowski, John Edward, US  
[72] McDowell, Judson Allen, US  
[72] Rubin, Kurt Allan, US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
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[30] US (414,825) 1995-03-31

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[54] **GRILLE DE RECOUVREMENT DE HAUT-PARLEUR**  
[72] Moner, Bernard T., Jr., US  
[72] Mulera, David T., US  
[73] OAKWOOD METAL FABRICATING COMPANY, US  
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[30] US (355,951) 1995-02-27  
[30] US (543,390) 1995-10-16

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[51] **Int.Cl. 6H04N 7/50**  
[25] EN  
[54] **METHOD FOR ENCODING AND DECODING MOVING PICTURE SIGNALS**  
[54] **METHODE DE CODAGE ET DE DECODAGE DE SIGNAUX D'IMAGES ANIMEES**  
[72] Machida, Yutaka, JP  
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1996-01-30  
[30] JP (7-14514) 1995-01-31

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[13] C  
[51] **Int.Cl. 6C10L 5/40 6B03B 9/06 6C10L 5/46 6C10L 5/48**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR TREATING HETEROGENEOUS WASTE TO PROVIDE A HOMOGENEOUS FUEL**  
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE DECHETS HETEROGENES UTILISES POUR PRODUIRE UN COMBUSTIBLE HOMOGENE**  
[72] Warf, Jack Donald, US  
[72] Limback, John Joseph (deceased), US  
[73] Modular Energy Corporation, US  
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6G01N 33/558 6G01N 21/77**  
[25] EN  
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ELECTRONIC ASSAY DEVICE**  
[54] **NOUVEAU DISPOSITIF  
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MONOSERVICE**  
[72] Allen, Michael P., US  
[73] METRIKA, INC., US  
[85] 1996-02-26  
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[87] (WO95/06240)  
[30] US (08/111,347) 1993-08-24

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[13] C

[51] **Int.Cl. 6H04L 7/033**  
[25] EN  
[54] **CIRCUIT FOR CLOCK SIGNAL  
EXTRACTION FROM A HIGH SPEED  
DATA STREAM**  
[54] **CIRCUIT D'EXTRACTION DE  
SIGNAUX D'HORLOGES  
INCORPOREES A UNE CHAINE DE  
DONNEES A GRAND DEBIT**  
[72] Burzio, Marco, IT  
[73] CSELT - CENTRO STUDI E  
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[22] 1996-03-13  
[30] IT (TO 95 A 000190) 1995-03-14

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[13] C

[51] **Int.Cl. 6H04N 5/50**  
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PROGRAMMES DE TELEVISION**  
[72] Rzeszewski, Theodore S., US  
[72] Gimber, Tobin L., US  
[73] MATSUSHITA ELECTRIC  
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[13] C

[51] **Int.Cl. 6G03G 15/08 6G03G 15/00  
6G03G 21/18**  
[25] EN  
[54] **TONER ACCOMMODATION  
CONTAINER, PROCESS CARTRIDGE  
AND ELECTROPHOTOGRAPHIC  
IMAGE FORMING APPARATUS**  
[54] **CONTENANT A TONER,  
CARTOUCHE DE TRAITEMENT ET  
APPAREIL  
D'ELECTROPHOTOGRAPHIE**  
[72] Chadani, Kazuo, JP  
[72] Tsuda, Tadayuki, JP  
[72] Kobayashi, Kazunori, JP  
[73] CANON KABUSHIKI KAISHA, JP  
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[30] JP (103140/1995) 1995-04-03

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[13] C

[51] **Int.Cl. 6C11D 11/00 6C11D 17/06  
6C11D 3/42**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION  
OF A DETERGENT COMPOSITION**  
[54] **PROCEDE DE PRODUCTION  
D'UNE COMPOSITION DETERGENTE**  
[72] Wilson, Janette, GB  
[73] UNILEVER PLC, GB  
[85] 1996-04-03  
[86] 1994-11-09 (PCT/GB94/02458)  
[87] (WO95/13358)  
[30] GB (9323250.2) 1993-11-11

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[13] C

[51] **Int.Cl. 6F41J 5/10 6H04N 7/18**  
[25] EN  
[54] **PIGGYBACK BOMB DAMAGE  
ASSESSMENT SYSTEM**  
[54] **SYSTEME D'EVALUATION DES  
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[72] Schneider, Arthur J., US  
[73] RAYTHEON COMPANY, US  
[22] 1996-04-09  
[30] US (08/422,473) 1995-04-17

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[51] **Int.Cl. 6E06B 9/24**  
[25] EN  
[54] **ROLLER SCREEN**  
[54] **ECRAN ESCAMOTABLE**  
[72] Schaap, Henk, NL  
[73] HAMSTRA-WEESP B.V., NL  
[22] 1996-04-10  
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[13] C

[51] **Int.Cl. 6C11D 11/00 6B01J 2/16  
6C11D 1/83**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION  
OF A DETERGENT COMPOSITION**  
[54] **PROCEDE DE PRODUCTION  
D'UNE COMPOSITION DE  
DETERGENT**  
[72] Cicciari, Craig, US  
[72] Van Lare, Cornelis Elisabeth Johannes,  
NL  
[73] UNILEVER PLC, GB  
[85] 1996-04-16  
[86] 1994-10-27 (PCT/GB94/02363)  
[87] (WO95/12659)  
[30] GB (9322530.8) 1993-11-02

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[13] C

[51] **Int.Cl. 6C01D 1/04 6C01G 51/00  
6C01B 3/02 6C01G 49/12**  
[25] EN  
[54] **PROCESS FOR THE  
REGENERATION OF SODIUM  
HYDROXIDE FROM SODIUM SULFIDE**  
[54] **METHODE POUR LA  
REGENERATION D'HYDROXYDE DE  
SODIUM A PARTIR DE SULFURE DE  
SODIUM**  
[72] Brons, Glen Barry, US  
[72] MYERS, RONALD DAMIAN, CA  
[73] EXXON RESEARCH AND  
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[22] 1996-04-17  
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[13] C

[51] Int.Cl. 6C12N 15/51 6C07H 21/00  
6C12N 5/16 6C07K 16/38 6A61K 38/57  
6C07K 14/81

[25] EN  
[54] HUMAN KUNITZ-TYPE  
PROTEASE INHIBITORS  
[54] PROTEASES INHIBITRICES  
HUMAINES DE TYPE KUNITZ

[72] Sprecher, Cindy A., US  
[72] Kisiel, Walter, US  
[72] Foster, Donald C., US  
[73] ZYMOGENETICS, INC., US  
[73] University of New Mexico, US  
[85] 1996-05-03  
[86] 1994-11-02 (PCT/US94/12609)  
[87] (WO95/12674)  
[30] US (08/147,710) 1993-11-05

[11] 2,176,201  
[13] C

[51] Int.Cl. 6A61F 13/46  
[25] EN

[54] ABSORBENT ARTICLE WITH  
ASYMMETRIC SHAPE FOR  
IMPROVED PROTECTION  
[54] ARTICLE ABSORBANT POURVU  
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OFFRANT UNE MEILLEURE  
PROTECTION

[72] Beckman, Tracey Elaine, US  
[72] Unger, Matthew Eric, US  
[72] Fitscher, Alicia Marie, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1996-05-09  
[86] 1994-11-14 (PCT/US94/13029)  
[87] (WO95/15139)  
[30] US (08/159,396) 1993-11-30

[11] 2,176,940  
[13] C

[51] Int.Cl. 6G06K 11/20  
[25] EN  
[54] IMPROVEMENT IN  
COMMUNICATION BETWEEN DATA  
PROCESSING APPARATUS AND  
PERIPHERAL DEVICE THEREOF  
[54] AMELIORATIONS DES  
COMMUNICATIONS ENTRE UN  
APPAREIL DE TRAITEMENT DE  
DONNEES ET UN PERIPHERIQUE

[72] Koizumi, Masahiro, JP  
[72] Niizuma, Naoki, JP  
[72] Kawase, Yasuhisa, JP  
[72] Ikebe, Hajime, JP  
[73] Sega Enterprises, Ltd., JP  
[85] 1996-05-17  
[86] 1995-10-11 (PCT/JP95/02073)  
[87] (WO96/12250)  
[30] JP (6/246580) 1994-10-12  
[30] US (08/445,108) 1995-05-19  
[30] JP (6/246581) 1994-10-12

[11] 2,177,005  
[13] C

[51] Int.Cl. 6B60N 2/46  
[25] EN  
[54] A COLLAPSIBLE ARM REST,  
DOOR INTERIOR TRIM PANEL AND  
ARM REST SUPPORT ASSEMBLY  
[54] APPUI-BRAS ESCAMOTABLE,  
PANNEAU DE GARNISSAGE ET  
SUPPORT D'APPUI-BRAS

[72] Scherf, Ansgar P.T., DE  
[73] Ceats, US  
[22] 1996-05-21

[11] 2,177,603  
[13] C

[51] Int.Cl. 6C12P 19/34 6C12Q 1/68  
[25] EN  
[54] PROTECTING NUCLEIC ACIDS  
AND METHODS OF ANALYSIS  
[54] ACIDES NUCLEIQUES DE  
PROTECTION ET PROCEDES  
D'ANALYSE

[72] Stanley, Christopher John, GB  
[72] Orum, Henrik, DK  
[72] Jorgensen, Mikkel, DK  
[72] Basboll, Ole, DK  
[73] PNA DIAGNOSTICS A/S, DK  
[85] 1996-05-28  
[86] 1994-11-30 (PCT/EP94/03973)  
[87] (WO95/15974)  
[30] GB (9324955.5) 1993-12-06

[11] 2,177,675  
[13] C

[51] Int.Cl. 6A61F 13/15  
[25] EN  
[54] SANITARY NAPKIN HAVING  
CONVEX UPWARD SHAPED CROSS  
SECTION

[54] SERVIETTE HYGIENIQUE  
PRESENTANT UNE SECTION  
CONVEXE VERS LE HAUT  
[72] Bergman, Carl Louis, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1996-05-29  
[86] 1994-12-15 (PCT/US94/14296)  
[87] (WO95/17148)  
[30] US (08/171,495) 1993-12-22

[11] \* 2,177,918  
[13] C

[51] Int.Cl. 6H04N 5/445 6G08C 23/04  
[25] EN  
[54] VIDEO RECEIVER DISPLAY OF  
VIDEO OVERLAYING MENU  
[54] AFFICHEUR VIDEO A  
AFFICHAGE DE MENUS SUPERPOSES

[72] Bertram, Randal Lee, US  
[73] INTERNATIONAL BUSINESS  
MACHINES CORPORATION, US  
[22] 1996-05-31  
[30] US (08/455,780) 1995-05-31

[11] 2,178,511  
[13] C

[51] Int.Cl. 6C23F 13/00 6F24H 9/00  
[25] EN  
[54] RESISTORED SACRIFICIAL  
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[73] Rheem Manufacturing Company, US  
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[13] C

[51] **Int.Cl. 6A61K 35/78 6A61K 31/015 6A61K 31/35**  
[25] EN  
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[54] **AGENTS THERAPEUTIQUES RENFERMANT DES INHIBITEURS DE LA 5-ALPHA-REDUCTASE**  
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[72] Matsui, Rieko, JP  
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[13] C

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[54] **FILTRE HYPERFREQUENCE**  
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[13] C

[51] **Int.Cl. 6G09G 3/34**  
[25] EN  
[54] **PORTABLE COMMUNICATION DEVICE WITH REMOVABLE ELECTROPHORETIC DISPLAY**  
[54] **APPAREIL DE TELECOMMUNICATION PORTABLE MUNI D'UN DISPOSITIF D'AFFICHAGE A ELECTROPHORESE AMOVIBLE**  
[72] DiSanto, Frank J., US  
[72] Krusos, Denis A., US  
[73] COPYTELE, INC., US  
[85] 1996-06-11  
[86] 1995-01-11 (PCT/US95/00391)  
[87] (WO95/21441)  
[30] US (190,648) 1994-02-02

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[11] **2,179,485**  
[13] C

[51] **Int.Cl. 6A61F 13/46**  
[25] EN  
[54] **SANITARY NAPKIN HAVING A PLEATED LIFTING MEMBER**  
[54] **SERVIETTE HYGIENIQUE COMPRENANT UN ELEMENT DE SOULEVEMENT PLISSE**  
[72] McFall, Ronald Ray, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-06-19  
[86] 1994-12-19 (PCT/US94/14620)  
[87] (WO95/17150)  
[30] US (08/170,461) 1993-12-20  
[30] US (08/225,405) 1994-04-08

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[11] **2,179,943**  
[13] C

[51] **Int.Cl. 6H04Q 11/04**  
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[13] C

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[54] **MESURE DE CHALEUR**  
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[73] BG PLC, GB  
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[13] C

[51] **Int.Cl. 6G02B 27/22 6G09G 3/02 6G02B 27/18**  
[25] EN  
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[54] **COMPOSITION A BASE D'IMAGES MULTIPLES**  
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[72] Welck, Steve A., US  
[72] Katz, Burkhard, US  
[72] Dickinson, Jon M., US  
[72] Van Rysselberghe, Pierre C., US  
[73] DIMENSIONAL MEDIA ASSOCIATES, US  
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[87] (WO95/19584)  
[30] US (08/183,278) 1994-01-14  
[30] US (08/333,497) 1994-11-02

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[11] **2,182,658**  
[13] C

[51] **Int.Cl. 6B28B 19/00 6C10B 1/00**  
[25] EN  
[54] **HIGH TEMPERATURE REFRACTORY MATERIAL APPLYING APPARATUS FOR THE WALL OF A COKING CHAMBER IN A COKE BATTERY**  
[54] **DISPOSITIF POUR LA POSE DE REFRACTAIRES SUR LES PAROIS DES CHAMBRES DE COKEFACTION DANS UNE BATTERIE DE FOURS A COKE**  
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[72] Yamaguchi, Yasuyuki, JP  
[73] KAWASAKI STEEL CORPORATION, JP  
[22] 1996-08-02  
[30] JP (286180) 1995-11-02

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[13] C

[51] **Int.Cl. 6H04L 12/22 6G06F 12/14 6H04L 12/46**  
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[54] **SECURITY SYSTEM FOR INTERCONNECTED COMPUTER NETWORKS**  
[54] **SYSTEME DE SECURITE POUR RESEAUX INFORMATIQUES INTERCONNECTES**  
[72] Gelb, Edward J., US  
[73] MATSUSHITA ELECTRIC CORPORATION OF AMERICA, US  
[85] 1996-08-06  
[86] 1995-06-08 (PCT/US95/07285)  
[87] (WO96/18253)  
[30] US (08/350,541) 1994-12-07

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[13] C

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[54] **TREATMENT OF OBSESSIVE-COMPULSIVE DISORDERS WITH 5-HT2 ANTAGONISTS**  
[54] **TRAITEMENT DE TROUBLES OBSESSIVO-COMPULSIFS A L'AIDE D'ANTAGONISTES DE 5-HT2**  
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[72] Kehne, John H., US  
[72] Padich, Robert A., US  
[73] MERRELL PHARMACEUTICALS INC., US  
[85] 1996-08-22  
[86] 1995-02-01 (PCT/US95/01306)  
[87] (WO95/24194)  
[30] US (08/209,084) 1994-03-09

[11] 2,184,014  
[13] C

[51] **Int.Cl. 6G03B 27/52 6G03B 27/32**  
[25] EN  
[54] **PHOTOGRAPHIC PRINTING APPARATUS**  
[54] **APPAREIL DE TIRAGE PHOTOGRAPHIQUE**  
[72] Yamada, Junji, JP  
[73] Noritsu Koki Co., Ltd., JP  
[22] 1996-08-23  
[30] JP (7-215560) 1995-08-24

[11] 2,184,015  
[13] C

[51] **Int.Cl. 6C22C 38/04 6E04C 5/01 6C21D 9/52**  
[25] EN  
[54] **HIGH STRENGTH STEEL STRAND FOR PRESTRESSED CONCRETE AND METHOD FOR MANUFACTURING THE SAME**  
[54] **TORON D'ACIER GRANDE RESISTANCE POUR BETON PRECONTRAINTE ET METHODE DE FABRICATION CORRESPONDANTE**  
[72] Yamaoka, Yukio, JP  
[72] Yamada, Masao, JP  
[72] Kodama, Masaru, JP  
[72] Suwa, Toshiki, JP  
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[22] 1996-08-23  
[30] JP (7-215957) 1995-08-24

[11] 2,184,540  
[13] C

[51] **Int.Cl. 6A61B 5/117**  
[25] EN  
[54] **BIOMETRIC IDENTIFICATION PROCESS AND SYSTEM**  
[54] **METHODE ET SYSTEME D'IDENTIFICATION BIOMETRIQUE**  
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[73] CANON KABUSHIKI KAISHA, JP  
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[30] US (08/561,323) 1995-11-21

[11] 2,184,769  
[13] C

[51] **Int.Cl. 6B65H 26/02**  
[25] EN  
[54] **WEB INSPECTION AND REPAIR MACHINE WITH WEB INDEXER DEVICE**  
[54] **MACHINE POUR L'INSPECTION ET LA REPARATION D'UN MATERIAU EN BANDE, AVEC SYSTEME D'INDEXAGE DE L'ENTRAINEMENT DE LA BANDE**  
[72] Prittie, Allan R., CA  
[73] ARPECO ENGINEERING LIMITED, CA  
[22] 1996-09-04

[11] 2,185,312  
[13] C

[51] **Int.Cl. 6D21D 1/30**  
[25] EN  
[54] **REFINER DISC WITH LOCALIZED SURFACE ROUGHNESS**  
[54] **DISQUE RAFFINEUR A RUGOSITE DE SURFACE LOCALISEE**  
[72] Dodd, John, US  
[72] Wasikowski, Paul, US  
[73] J&L FIBER SERVICES, INC., US  
[22] 1996-09-11  
[30] US (08/534,522) 1995-09-27

[11] 2,185,940  
[13] C

[51] **Int.Cl. 6B05D 1/04 6B05B 5/16**  
[25] EN  
[54] **ELECTROSTATIC COATING METHOD AND APPARATUS**  
[54] **PROCEDE ET DISPOSITIF DE REVETEMENT ELECTROSTATIQUE**  
[72] Minoura, Shuuji, JP  
[72] Ono, Yukihito, JP  
[72] Kokubo, Toshiyuki, JP  
[72] Shimada, Takashi, JP  
[72] Kageyama, Osamu, JP  
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[30] JP (7-301673) 1995-11-20  
[30] JP (7-301687) 1995-11-20

[11] 2,185,955  
[13] C

[51] **Int.Cl. 6H01P 7/10**  
[25] EN  
[54] **DIELECTRIC RESONATOR CAPABLE OF VARYING RESONANT FREQUENCY**  
[54] **RESONATEUR DIELECTRIQUE POUVANT FAIRE VARIER LA FREQUENCE DE RESONANCE**  
[72] Ishikawa, Yohei, JP  
[72] Hiratsuka, Toshiro, JP  
[72] Yamashita, Sadao, JP  
[72] Iio, Kenichi, JP  
[73] MURATA MANUFACTURING CO., LTD., JP  
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[11] 2,187,371  
[13] C

[51] **Int.Cl. 6C09D 133/14 6C09D 163/00 6C09D 7/12 6B05D 1/36**  
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[54] **MAR RESISTANT COATING COMPOSITION**  
[54] **COMPOSITION DE REVETEMENT RESISTANT A L'ABRASION**  
[72] Das, Suryya K., US  
[72] Kilic, Soner, US  
[72] Kesicki, Stephen A., US  
[72] Simpson, Dennis A., US  
[72] Guerrieri, Amy S., US  
[73] PPG INDUSTRIES OHIO, INC., US  
[85] 1996-10-07  
[86] 1995-03-02 (PCT/US95/02721)  
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[13] C

[51] **Int.Cl. 6B22D 17/20**  
[25] EN  
[54] **MOVABLE INSERT FOR DIE-CASTING MOLD WITH RETRACTABLE CORE**  
[54] **INSERT MOBILE POUR MOULE A COULER SOUS PRESSION A NOYAU RETRACTABLE**  
[72] Eliat, Constantin, CA  
[73] **AMCAN CASTINGS LIMITED, CA**  
[22] 1996-10-10

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[13] C

[51] **Int.Cl. 6D21H 21/18 6D21C 9/00 6C12S 3/08 6D21H 17/67**  
[25] EN  
[54] **PREPARATION PROCESS OF PAPER FOR INCREASING FILLER CONTENTS AND ENHANCING SCOTT INTERNAL BOND STRENGTH**  
[54] **PROCEDE DE PREPARATION DE PAPIER SERVANT A AUGMENTER LA TENEUR EN CHARGES ET A AMELIORER LA COHESION INTERNE SCOTT**  
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[72] Sohn, Chang Man, KR  
[72] Han, Sin Ho, KR  
[72] Shin, Jong Ho, KR  
[73] **KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY, KR**  
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[86] 1994-11-25 (PCT/KR94/00171)  
[87] (WO95/27825)  
[30] KR (1994-7591) 1994-04-12

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[13] C

[51] **Int.Cl. 6A01D 34/66**  
[25] EN  
[54] **CONVEYING MEANS FOR OUTBOARD CUTTERS OF CUTTERBAR**  
[54] **MOYENS DE TRANSPORT CONCUS POUR LES TETES DE COUPE EXTERIEURES D'UNE BARRE DE COUPE**  
[72] Schmitt, Raymond F., US  
[72] Case, Cecil L., US  
[72] Pruitt, Martin E., US  
[72] O'Halloran, Michael L., US  
[73] **HAY & FORAGE INDUSTRIES, US**  
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[13] C

[51] **Int.Cl. 6C08F 265/06 6C08F 283/12**  
[25] FR  
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[54] **CORE/ENVELOPE IMPACT ADDITIVE FOR THERMOPLASTIC POLYMERS**  
[72] Bertelo, Chris, US  
[72] Meunier, Gilles, FR  
[72] Lermite, André, FR  
[72] Dargelos, Pascale, FR  
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[73] **ELF ATOCHEM NORTH AMERICA, INC., US**  
[22] 1996-10-25  
[30] FR (95 12 706) 1995-10-27

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[13] C

[51] **Int.Cl. 6H04N 7/14 6G09B 7/00 6G09B 5/06 6G09B 5/12 6G09B 5/14**  
[25] EN  
[54] **A DISTANCE LEARNING SYSTEM PROVIDING INDIVIDUAL TELEVISION PARTICIPATION, AUDIO RESPONSES, AND MEMORY FOR EVERY STUDENT**  
[54] **SYSTEME DE TELE-ENSEIGNEMENT PAR TELEVISION A PARTICIPATION, REPONSES AUDIO ET MEMORISATION INDIVIDUELLES POUR CHAQUE ETUDIANT**  
[72] Harper, Gregory W., US  
[72] Freeman, Michael J., US  
[73] **ACTV, INC., US**  
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[86] 1995-04-14 (PCT/US95/04619)  
[87] (WO95/28804)  
[30] US (08/228,355) 1994-04-15

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[13] C

[51] **Int.Cl. 6A01D 34/66**  
[25] EN  
[54] **HARVESTER WITH HYDRAULICALLY DRIVEN, FLOW-COMPENSATED ROTARY CUTTER BED**  
[54] **MOISSONNEUSE COMPORTANT UNE BARRE DE COUPE ROTATIVE ACTIONNEE PAR UN SYSTEME HYDRAULIQUE A CIRCUIT DE COMPENSATION DE VOLUME D'ECOULEMENT**  
[72] O'Halloran, Michael L., US  
[72] Coppock, Brent, US  
[73] **Hay & Forage Industries, US**  
[85] 1996-11-01  
[86] 1994-05-20 (PCT/US94/05680)  
[87] (WO95/29578)  
[30] US (08/237,033) 1994-05-03

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[11] **2,189,578**  
[13] C

[51] **Int.Cl. 6H01R 4/40 6H01R 4/44**  
[25] EN  
[54] **HINGED ELECTRICAL CONNECTOR**  
[54] **CONNECTEUR ELECTRIQUE A ARTICULATION**  
[72] Polidori, Mario, US  
[73] Polidori, Thomas P., US  
[22] 1996-11-04  
[30] US (08/560,970) 1995-11-20

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[11] **2,189,713**  
[13] C

[51] **Int.Cl. 6A61N 1/05**  
[25] EN  
[54] **INTRAMUSCULAR STIMULATION LEAD WITH ENHANCED INFECTION RESISTANCE**  
[54] **ELEMENT DE STIMULATION CARDIAQUE RESISTANT MIEUX AUX INFECTIONS**  
[72] Woloszko, Jean A., BE  
[72] Hendriks, Marc, NL  
[72] Cahalan, Patrick T., NL  
[72] Camps, Antoine N. J., NL  
[72] Verhoeven, Michel L. P. M., NL  
[72] Cahalan, Linda L., NL  
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[13] C  
[51] **Int.Cl. 6C02F 1/50**  
[25] EN  
[54] **METHOD AND COMPOSITIONS FOR TREATING RECIRCULATING WATER SYSTEMS**  
[54] **PROCEDE ET COMPOSITIONS DE TRAITEMENT DES EAUX RECIRCULANTES**  
[72] Jones, Ronald L., US  
[72] Carlyle, Stephen L., US  
[72] Shelor, Susan M., US  
[72] Mitchell, Presley K., US  
[72] Lines, Ellwood LeRoy, Jr., US  
[73] Bio-Lab, Inc., US  
[85] 1996-11-15  
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[87] (WO95/31406)  
[30] US (08/243,236) 1994-05-16

[11] **2,191,087**  
[13] C  
[51] **Int.Cl. 6B01F 15/00**  
[25] EN  
[54] **MIXING MACHINE BOWL SUPPORT LOCK**  
[54] **BLOCAGE DE SUPPORT DE CUVE DE MIXEUR**  
[72] Xie, Mark M., US  
[72] Brinkman, John E., US  
[73] PREMARK FEG L.L.C., US  
[85] 1996-11-22  
[86] 1996-03-25 (PCT/US96/03976)  
[87] (WO96/30114)  
[30] US (08/412,965) 1995-03-29

[11] **2,191,570**  
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[51] **Int.Cl. 6C09F 1/00 6C09F 1/02 6C08G 63/06 6C12P 7/62 6C08G 63/78**  
[25] EN  
[54] **PROCESS FOR RECOVERING POLYHYDROXYALKANOATES USING AIR CLASSIFICATION**  
[54] **PROCEDE DE RECUPERATION DE POLYHYDROXYALCANOATES EN UTILISANT UNE CLASSIFICATION PAR AIR**  
[72] Noda, Isao, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-11-28  
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[87] (WO95/33064)  
[30] US (08/251,829) 1994-06-01

[11] **2,192,317**  
[13] C  
[51] **Int.Cl. 6D21F 11/00**  
[25] EN  
[54] **WEB PATTERNING APPARATUS COMPRISING A FELT LAYER AND A PHOTSENSITIVE RESIN LAYER**  
[54] **APPAREIL D'IMPRESSON DE MOTIFS SUR UNE BANDE COMPRENANT UNE COUCHE DE FEUTRE ET UNE COUCHE DE RESINE PHOTSENSIBLE**  
[72] Trokhan, Paul Dennis, US  
[72] Phan, Dean Van, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-12-06  
[86] 1995-06-02 (PCT/US95/06944)  
[87] (WO96/00812)  
[30] US (08/268,154) 1994-06-29

[11] **2,192,441**  
[13] C  
[51] **Int.Cl. 6A24C 5/40 6G07F 11/70**  
[25] EN  
[54] **METHOD OF FABRICATING CIGARETTES IN A DISPENSING-TYPE MACHINE OPERATED BY A USER PERSON**  
[54] **PROCEDE DE FABRICATION DE CIGARETTES DANS UNE MACHINE DU TYPE DISTRIBUTEUR ACTIONNEE PAR L'UTILISATEUR**  
[72] Lord, Gilbert, CA  
[73] La Cigaretterie Internationale Inc., CA  
[85] 1996-12-09  
[86] 1995-06-12 (PCT/CA95/00347)  
[87] (WO95/34225)  
[30] US (260,973) 1994-06-15

[11] **2,192,852**  
[13] C  
[51] **Int.Cl. 6C08G 18/40 6C08L 75/04**  
[25] FR  
[54] **COMPOSITION PLASTIFIEE A BASE DE POLYOL AYANT UNE VISCOSITE CONTROLEE**  
[54] **PLASTIFIED COMPOSITION CONTAINING A CONTROLLED VISCOSITY POLYOL**  
[72] Bonnet, Evelyne, FR  
[72] Flat, Jean-Jacques, FR  
[72] Fontela, Jacques, FR  
[73] ELF ATOCHEM, S.A., FR  
[22] 1996-12-12  
[30] FR (95 14 795) 1995-12-13

[11] **2,193,477**  
[13] C  
[51] **Int.Cl. 6H02P 13/06**  
[25] EN  
[54] **LOAD TAP CHANGER**  
[54] **COMMUTATEURS EN CHARGE**  
[72] Degeneff, Robert C., US  
[72] Schaeffer, Friedrich K., US  
[72] Frazer, Robert H., US  
[72] Torrey, David A., US  
[72] Demirci, Osman, US  
[73] Utility Systems Technologies, Inc., US  
[85] 1996-12-19  
[86] 1995-03-29 (PCT/US95/03856)  
[87] (WO95/27931)  
[30] US (223,900) 1994-04-06

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[13] C  
[51] **Int.Cl. 6E21B 17/00**  
[25] EN  
[54] **DOWNHOLE SWIVEL**  
[54] **TETE D'INJECTION FOND-DE-TROU**  
[72] Mills, Robert A. R., CA  
[73] KUDU INDUSTRIES INC., CA  
[22] 1996-12-19  
[30] US (08/609,727) 1996-03-01

[11] **2,193,870**  
[13] C  
[51] **Int.Cl. 6C07K 14/02 6C07K 19/00 6A61K 39/02 6G01N 33/571**  
[25] EN  
[54] **TREPONEMA PALLIDUM FUSED ANTIGEN AND ASSAY FOR ANTI-TREPONEMA PALLIDUM ANTIBODIES USING THE SAME FUSED ANTIGEN**  
[54] **ANTIGENE FUSIONNE DE TREPONEMA PALLIDUM ET EPREUVE DE DETECTION DES ANTICORPS ANTI-TREPONEME PALLIDUM FAISANT APPEL AUDIT ANTIGENE FUSIONNE**  
[72] Tanimoto, Tetsuji, JP  
[72] Okada, Masahisa, JP  
[72] Ise, Nobuyuki, JP  
[72] Hori, Takeya, JP  
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[13] C

[51] **Int.Cl. 6D21C 3/26 6D21C 3/02**  
[25] EN  
[54] **TWO-STAGE KRAFT COOKING**  
[54] **CUISSON DE PATE KRAFT EN DEUX ETAPES**  
[72] Li, Jian, CA  
[73] PULP AND PAPER RESEARCH INSTITUTE OF CANADA, CA  
[85] 1997-01-16  
[86] 1995-07-17 (PCT/CA95/00426)  
[87] (WO96/02698)  
[30] US (08/276,804) 1994-07-18

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[11] **2,196,265**  
[13] C

[51] **Int.Cl. 6H01R 9/09**  
[25] EN  
[54] **ASSEMBLY CIRCUIT BOARD WITH PLUG CONNECTOR**  
[54] **CARTE DE CIRCUIT A CONNECTEURS ENFICHABLES**  
[72] Zell, Karl, DE  
[72] Seibold, Jürgen, DE  
[72] Seidel, Peter, DE  
[73] SIEMENS AKTIENGESELLSCHAFT, DE  
[22] 1997-01-29  
[30] DE (29601655.1) 1996-01-31

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[11] **2,197,504**  
[13] C

[51] **Int.Cl. 6B62K 25/20**  
[25] EN  
[54] **SWING ARM FOR A MOTORCYCLE**  
[54] **FOURCHE ARRIERE ET UN BRAS OSCILLANT**  
[72] DESROSIERS, Denis, CA  
[73] DESROSIERS, Denis, CA  
[22] 1997-02-13

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[11] **2,198,373**  
[13] C

[51] **Int.Cl. 6H04B 7/216 6H04J 13/00 6H04Q 7/20**  
[25] EN  
[54] **POWER CONTROL FOR CDMA COMMUNICATION SYSTEMS**  
[54] **COMMANDE D'ALIMENTATION ELECTRIQUE POUR SYSTEMES DE COMMUNICATION AMDC**  
[72] GHOSH, Amitava, US  
[72] ROHANI, Kamyar, US  
[73] MOTOROLA, INC., US  
[85] 1997-02-24  
[86] 1996-05-10 (PCT/US96/06682)  
[87] (WO97/02668)  
[30] US (08/491,336) 1995-06-30

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[11] **2,197,585**  
[13] C

[51] **Int.Cl. 6H04L 12/24 6H04Q 3/70**  
[25] EN  
[54] **METHOD FOR SHARING NETWORK RESOURCES BY VIRTUAL PARTITIONING**  
[54] **METHODE POUR PARTAGER LES RESSOURCES D'UN RESEAU PAR REPARTITION VIRTUELLE**  
[72] MITRA, Debasis, US  
[72] ZIEDINS, Ilze, NZ  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1997-02-14  
[30] US (649,502) 1996-05-17  
[30] US (60/011,846) 1996-02-16

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[11] **2,198,026**  
[13] C

[51] **Int.Cl. 6C07C 49/17 6C07C 47/19 6C07C 49/203 6C07C 47/21 6C07C 49/245 6C07C 45/72**  
[25] FR  
[54] **PROCEDE D'OBTENTION DE COMPOSES CARBONYLES .BETA. HYDROXY ET/OU .ALPHA. -.BETA. INSATURES**  
[54] **PROCESS FOR OBTAINING .BETA. HYDROXY CARBONYL COMPOUNDS AND/OR .ALPHA.-.BETA. UNSATURATES**  
[72] Teissier, Rémy, FR  
[72] Fournier, Maurice, FR  
[73] ELF ATOCHEM, S.A., FR  
[22] 1997-02-19  
[30] FR (96 02 551) 1996-02-29

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[11] **2,198,373**  
[13] C

[51] **Int.Cl. 6G01R 31/00**  
[25] EN  
[54] **BRIDGED CLAMPING MECHANISM FOR USE WITH CIRCUIT CONDITION MONITORING DEVICES**  
[54] **MECANISME DE SERRAGE POUR DISPOSITIF DE SURVEILLANCE DE L'ETAT D'UN CIRCUIT**  
[72] SCHWEITZER, EDMUND O., JR., US  
[73] SCHWEITZER, EDMUND O., JR., US  
[22] 1997-03-03  
[30] US (08/677,649) 1996-07-08

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[11] **2,198,947**  
[13] C

[51] **Int.Cl. 6G01R 15/00 6G01R 31/00**  
[25] EN  
[54] **FAULT POWERED FAULT INDICATOR HAVING TIMED RESET**  
[54] **INDICATEUR DE DEFAILLANCE A REINITIALISATION SYNCHRONISEE, SENSIBLE AU COURANT DE DEFAUT**  
[72] SCHWEITZER, EDMUND O., JR., US  
[73] SCHWEITZER, EDMUND O., JR., US  
[22] 1997-03-03  
[30] US (08/629,373) 1996-04-08

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[11] **2,198,950**  
[13] C

[51] **Int.Cl. 6G01R 31/08**  
[25] EN  
[54] **FAULT INDICATOR HAVING AUXILIARY FAULT SENSING\_WINDING**  
[54] **INDICATEUR DE DEFAILLANCES A ENROULEMENT AUXILIAIRE DE DETECTION DE DEFAILLANCES**  
[72] SCHWEITZER, EDMUND O., JR., US  
[73] SCHWEITZER, EDMUND O., JR., US  
[22] 1997-03-03  
[30] US (08/628,087) 1996-04-08

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[11] **2,198,770**  
[13] C

[51] **Int.Cl. 6C07C 49/603 6C07C 45/72**  
[25] FR  
[54] **PROCEDE D'OBTENTION D'ISOPHORONE**  
[54] **ISOPHORONE OBTENTION PROCESS**  
[72] TEISSIER, Rémy, FR  
[72] KERVENNAL, Jacques, FR  
[73] ELF ATOCHEM, S.A., FR  
[22] 1997-02-27  
[30] FR (96 02 550) 1996-02-29

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[11] **2,198,947**  
[13] C

[51] **Int.Cl. 6G01R 15/00 6G01R 31/00**  
[25] EN  
[54] **BRIDGED CLAMPING MECHANISM FOR USE WITH CIRCUIT CONDITION MONITORING DEVICES**  
[54] **MECANISME DE SERRAGE POUR DISPOSITIF DE SURVEILLANCE DE L'ETAT D'UN CIRCUIT**  
[72] SCHWEITZER, EDMUND O., JR., US  
[73] SCHWEITZER, EDMUND O., JR., US  
[22] 1997-03-03  
[30] US (08/677,649) 1996-07-08

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[11] **2,198,949**  
[13] C

[51] **Int.Cl. 6G01R 31/08**  
[25] EN  
[54] **FAULT POWERED FAULT INDICATOR HAVING TIMED RESET**  
[54] **INDICATEUR DE DEFAILLANCE A REINITIALISATION SYNCHRONISEE, SENSIBLE AU COURANT DE DEFAUT**  
[72] SCHWEITZER, EDMUND O., JR., US  
[73] SCHWEITZER, EDMUND O., JR., US  
[22] 1997-03-03  
[30] US (08/629,373) 1996-04-08

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[11] **2,198,950**  
[13] C

[51] **Int.Cl. 6G01R 31/08**  
[25] EN  
[54] **FAULT INDICATOR HAVING AUXILIARY FAULT SENSING\_WINDING**  
[54] **INDICATEUR DE DEFAILLANCES A ENROULEMENT AUXILIAIRE DE DETECTION DE DEFAILLANCES**  
[72] SCHWEITZER, EDMUND O., JR., US  
[73] SCHWEITZER, EDMUND O., JR., US  
[22] 1997-03-03  
[30] US (08/628,087) 1996-04-08

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[11] **2,199,085**  
[13] C  
[51] **Int.Cl. 6B01D 3/14 6F25J 3/04**  
[25] EN  
[54] **DISTILLATION APPARATUS**  
[54] **APPAREIL DE DISTILLATION**  
[72] TOPPEL, Karl O., US  
[73] THE BOC GROUP, INC., US  
[22] 1997-03-04  
[30] US (08/640,301) 1996-04-30

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[11] **2,199,133**  
[13] C  
[51] **Int.Cl. 6C11D 7/18 6C11D 7/02**  
**6C11D 17/06 6C11D 7/22**  
[25] EN  
[54] **BLEACHING AGENT**  
[54] **AGENT DE BLANCHIMENT**  
[72] ODDSTIG, Cecilia, SE  
[72] JIGSTAM, Monica, SE  
[72] LAGNEMO, Hans, SE  
[73] Eka Chemicals AB, SE  
[85] 1997-03-04  
[86] 1995-08-24 (PCT/SE95/00959)  
[87] (WO96/11252)  
[30] SE (SE94/00943) 1994-10-07  
[30] SE (SE94/00944) 1994-10-07  
[30] SE (9403778-5) 1994-11-03

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[11] **2,199,160**  
[13] C  
[51] **Int.Cl. 6F16K 7/12**  
[25] EN  
[54] **SLIDING FLOW CONTROLLER**  
**HAVING CHANNEL WITH VARIABLE**  
**SIZE GROOVE**  
[54] **REGULATEUR D'ECOULEMENT**  
**A COULISSEMENT, COMPORTANT**  
**UNE VOIE A RAINURE DE CALIBRE**  
**VARIABLE**  
[72] MINAMI, Don S., US  
[72] NASON, Kevin S., US  
[73] ALARIS MEDICAL SYSTEMS, INC.,  
US  
[85] 1997-03-04  
[86] 1995-09-07 (PCT/US95/11394)  
[87] (WO96/08666)  
[30] US (08/304,675) 1994-09-12

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[11] **2,200,548**  
[13] C  
[51] **Int.Cl. 6D21J 3/12**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**CONTOUR MULTILEVEL EMBOSsing**  
**WITH PERFORATION BONDING IN**  
**SELECTED SPACED LOCATIONS**  
[54] **METHODE ET MACHINE DE**  
**GAUFRAGE PROFILE MULTI-**  
**NIVEAUX A LIAISONNEMENT PAR**  
**PERFORATION DANS DES ZONES**  
**ESPACES CHOISIES**  
[72] SCHULZ, Galyn, US  
[73] FORT JAMES CORPORATION, US  
[22] 1997-03-20  
[30] US (08/619807) 1996-03-20

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[11] **2,200,644**  
[13] C  
[51] **Int.Cl. 6B41J 2/335**  
[25] EN  
[54] **THERMAL PRINTHEAD**  
**ASSEMBLY**  
[54] **TETE D'IMPRIMANTE**  
**THERMIQUE**  
[72] NISHI, Koji, JP  
[73] ROHM CO., LTD., JP  
[22] 1997-03-21  
[30] JP (8-65838) 1996-03-22

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[11] **2,200,653**  
[13] C  
[51] **Int.Cl. 6B27B 3/20**  
[25] EN  
[54] **INCLINE DISC VARIABLE**  
**TARGET SIZE SAWGUIDES FOR**  
**CIRCULAR GANG SAWS**  
[54] **GUIDE-LAME A DISQUES A**  
**SURFACE OBLIQUE POUR MACHINE**  
**A SCIER A LAMES MULTIPLES**  
[72] JACKSON, James G., CA  
[72] MICHELL, Steven, CA  
[72] SERGEANT, John, CA  
[73] CAE ELECTRONICS LTD. CAE  
ELECTRONIQUE LTEE, CA  
[22] 1997-03-21  
[30] US (60/013,858) 1996-03-22

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[11] **2,202,220**  
[13] C  
[51] **Int.Cl. 6B29C 53/26**  
[25] EN  
[54] **CORRUGATED PLASTIC WALL**  
**PANELS**  
[54] **PANNEAUX MURAUX EN**  
**PLASTIQUE ONDULES**  
[72] WENNING, Larry Lee, US  
[72] BEATTY, Charles L., US  
[73] Witt Plastics of Florida Inc., US  
[22] 1997-04-09  
[30] US (08/630,274) 1996-04-10

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[11] **2,202,336**  
[13] C  
[51] **Int.Cl. 6C09D 5/46**  
[25] EN  
[54] **TWO COMPONENT POWDER**  
**COATING SYSTEM AND METHOD**  
**FOR COATING WOOD THEREWITH**  
[54] **SYSTEME DE REVETEMENT A**  
**BASE DE DEUX COMPOSES EN**  
**POUDRE ET METHODE POUR LE**  
**REVETEMENT DU BOIS AVEC CELLE-**  
**CI.**  
[72] CORRELL, Glenn D., US  
[72] DALY, Andrew T., US  
[72] KOZLOWSKI, Joseph J., US  
[72] HALEY, Richard P., US  
[72] MUTHIAH, Jenö, US  
[72] HORINKA, Paul R., US  
[72] REINHEIMER, Eugene P., US  
[73] MORTON INTERNATIONAL, INC.,  
US  
[22] 1997-04-10  
[30] US (08/643,694) 1996-05-06  
[30] US (08/729,608) 1996-10-11  
[30] US (08/810,745) 1997-03-04

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[11] **2,202,405**  
[13] C

[51] **Int.Cl. 6C09D 5/44 6C25D 13/06**  
[25] EN  
[54] **ELECTRODEPOSITABLE COATING COMPOSITIONS HAVING IMPROVED CURE RESPONSE**  
[54] **COMPOSITIONS DE REVETEMENT DEPOSEES PAR ELECTROLYSE AYANT UN COMPORTEMENT AMELIORE LORS DU DURCISSEMENT**  
[72] ESWARAKRISHNAN, Venkatachalam, US  
[72] ZWACK, Robert R., US  
[72] COLERIDGE, Edward R., US  
[72] McCOLLUM, Gregory J., US  
[73] PPG INDUSTRIES OHIO, INC., US  
[85] 1997-04-10  
[86] 1995-09-21 (PCT/US95/12001)  
[87] (WO96/12771)  
[30] US (08/329,106) 1994-10-25

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[11] **2,202,707**  
[13] C

[51] **Int.Cl. 6A61K 31/71 6A61K 47/14 6A61K 47/44**  
[25] EN  
[54] **NON-AQUEOUS ORAL-DRENCH COMPOSITIONS CONTAINING AVERMECTIN COMPOUNDS**  
[54] **BREUVAGE NON AQUEUX CONTENANT DE L' AVERMECTINE**  
[72] FURSTENAU, Kai-Uwe, AU  
[73] PFIZER INC., US  
[22] 1997-04-15  
[30] AU (PN9333) 1996-04-17

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[11] **2,202,852**  
[13] C

[51] **Int.Cl. 6B27B 3/28**  
[25] EN  
[54] **INCLINE WEDGE VARIABLE TARGET SIZE SAWGUIDES FOR CIRCULAR GANG SAWS**  
[54] **GUIDE-LAME A TAILLES VARIABLES A COINS INCLINES POUR SCIES ALTERNATIVES CIRCULAIRES A LAMES MULTIPLES**  
[72] NEWNES, WILLIAM R., CA  
[72] SERGEANT, John, CA  
[72] MICHELL, STEVEN W., CA  
[73] CAE ELECTRONICS LTD. CAE ELECTRONIQUE LTEE, CA  
[22] 1997-04-16  
[30] US (60/015,576) 1996-04-18

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[11] **2,203,510**  
[13] C

[51] **Int.Cl. 6C01D 5/06 6C01D 3/08**  
[25] EN  
[54] **CO-PRODUCTION OF POTASSIUM SULFATE, SODIUM SULFATE AND SODIUM CHLORIDE**  
[54] **PRODUCTION SIMULTANEE DE SULFATE DE POTASSIUM, SULFATE DE SODIUM ET DE CHLORURE DE SODIUM**  
[72] HOLDENGRABER, Curt, IL  
[72] LAMPERT, Shalom, IL  
[72] EFRAIM, Itzhak, IL  
[73] DEAD SEA WORKS LTD., IL  
[85] 1997-04-23  
[86] 1995-11-13 (PCT/US95/14961)  
[87] (WO96/16900)  
[30] US (08/348,118) 1994-11-28

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[11] **2,203,897**  
[13] C

[51] **Int.Cl. 6B26B 21/44**  
[25] EN  
[54] **SKIN ENGAGING MEMBER**  
[54] **ELEMENT VENANT EN CONTACT AVEC LA PEAU**  
[72] ROGERS, Brian A., US  
[72] LIM, Lee K., US  
[72] BADIN, Frank E., US  
[72] NDOU, Thilivali T., US  
[72] YIN, Yuling, US  
[72] TSENG, Mingchih Michael, US  
[73] THE GILLETTE COMPANY, US  
[85] 1997-04-28  
[86] 1995-10-24 (PCT/US95/13713)  
[87] (WO96/13360)  
[30] US (332,293) 1994-10-31  
[30] US (497,194) 1995-06-30

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[11] **2,204,500**  
[13] C

[51] **Int.Cl. 6B23Q 5/04 6B23Q 37/00**  
[25] EN  
[54] **ANGLE SPINDLE ATTACHMENT**  
[54] **RACCORDEMENT EN ANGLE POUR UN ARBRE**  
[72] LYONS, Alan C., US  
[72] MOGILNICKI, Victor D., US  
[72] LEWIS, David L., US  
[73] KENNAMETAL INC., US  
[73] KENNAMETAL INC., US  
[85] 1997-05-05  
[86] 1996-05-15 (PCT/US96/06904)  
[87] (WO96/39274)  
[30] US (08/466,853) 1995-06-06

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[11] **2,204,649**  
[13] C

[51] **Int.Cl. 6F24J 3/00 6B60H 1/08**  
[25] EN  
[54] **VARIABLE CAPACITY TYPE VISCOUS HEATER**  
[54] **RECHAUFFEUR VISQUEUX A CAPACITE VARIABLE**  
[72] MORI, Hidefumi, JP  
[72] GOTO, Kunifumi, JP  
[72] BAN, Takashi, JP  
[72] YAGI, Kiyoshi, JP  
[73] KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, JP  
[85] 1997-05-06  
[86] 1996-09-05 (PCT/JP96/02527)  
[87] (WO97/10112)  
[30] JP (7-232697) 1995-09-11

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[11] **2,205,596**  
[13] C

[51] **Int.Cl. 6E21C 27/24 6E21C 25/10**  
[25] EN  
[54] **APPARATUS AND METHOD FOR CUTTING ARCHED OPENING**  
[54] **APPAREIL ET PROCEDE POUR REALISER UNE OUVERTURE VOUTEE**  
[72] CARR, Ian T., US  
[72] BAIRD, John A., Jr., US  
[72] BLACKSTOCK, Jon C., US  
[73] MINING TECHNOLOGIES, INC., US  
[85] 1997-05-16  
[86] 1995-10-10 (PCT/US95/13569)  
[87] (WO96/16249)  
[30] US (08/343,694) 1994-11-22

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[11] **2,205,760**  
[13] C

[51] **Int.Cl. 6F15B 20/00 6F16K 24/04**  
[25] EN  
[54] **SAFETY BLEED ASSEMBLY FOR A HYDRAULIC SYSTEM**  
[54] **SYSTEME DE PURGE DE SECURITE POUR SYSTEME HYDRAULIQUE**  
[72] McLAREN, Rory, US  
[73] McLAREN, Rory, US  
[22] 1997-05-21  
[30] US (08/819,092) 1997-03-18

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[11] **2,206,055**  
[13] C  
[51] **Int.Cl. 6G01D 11/00 6G01K 1/00 6G01R 15/00 6G01K 1/26**  
[25] EN  
[54] **DEPTH SENSING EXPENDABLE OCEANOGRAPHIC PROBES**  
[54] **SONDES OCEANOGRAPHIQUES EXTENSIBLES DESTINEES A DETERMINER LA PROFONDEUR**  
[72] BALBONI, Michael J., US  
[72] ELGIN, Randall H., US  
[72] WHALEN, Mark E., US  
[73] SIPPICAN, INC., US  
[85] 1997-05-26  
[86] 1995-11-20 (PCT/US95/15378)  
[87] (WO96/18082)  
[30] US (08/349,607) 1994-12-05

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[11] **2,207,958**  
[13] C  
[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MOVING SUBTREES IN A NETWORK DIRECTORY**  
[54] **PROCEDE DE DEPLACEMENT DE RAMIFICATIONS DANS UN RESEAU D'ORDINATEURS**  
[72] OLDS, Dale R., US  
[72] PRASAD, Ranjan, US  
[73] NOVELL, INC., US  
[85] 1997-06-16  
[86] 1995-12-14 (PCT/US95/16346)  
[87] (WO96/18961)  
[30] US (08/357,466) 1994-12-15

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[11] **2,210,709**  
[13] C  
[51] **Int.Cl. 6H04M 3/20**  
[25] EN  
[54] **CALL INTERRUPTION BETWEEN TWO TERMINALS BY MEANS OF A CALL FROM A THIRD TERMINAL**  
[54] **INTERRUPTION D'UNE COMMUNICATION ENTRE DEUX TERMINAUX PAR UN APPEL D'UN AUTRE TERMINAL**  
[72] LOUVEL, Bernard, FR  
[73] TELEDIFFUSION DE FRANCE, FR  
[73] FRANCE TELECOM, FR  
[85] 1997-07-17  
[86] 1996-01-24 (PCT/FR96/00117)  
[87] (WO96/23382)  
[30] FR (95/00980) 1995-01-27

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[11] **2,206,412**  
[13] C  
[51] **Int.Cl. 6B23K 20/10 6B29C 65/08**  
[25] EN  
[54] **ULTRASONIC VIBRATION BONDING RESONATOR WITH REMOVABLE WORKPIECE-ENGAGING PORTIONS**  
[54] **RESONATEUR D'ASSEMBLAGE A VIBRATIONS ULTRASONIQUES AVEC PORTIONS DE PIECES LIANTES AMOVIBLES**  
[72] NAKAI, Seiya, JP  
[72] KATSUMI, Mitsugu, JP  
[72] SATO, Shigeru, JP  
[73] Ultex Corporation, JP  
[22] 1997-05-28  
[30] JP (8-210099) 1996-08-08

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[11] **2,209,649**  
[13] C  
[51] **Int.Cl. 6F42B 1/00**  
[25] EN  
[54] **LOW STRESS CASING JOINT CONFIGURATION**  
[54] **CONFIGURATION DE JOINT DE BOITIER A FAIBLE CONTRAINTE**  
[72] FRITZ, James E., US  
[72] RILEY, Scot P., US  
[73] THE ENSIGN-BICKFORD COMPANY, US  
[85] 1997-07-04  
[86] 1996-01-11 (PCT/US96/00070)  
[87] (WO96/23191)  
[30] US (08/379,701) 1995-01-27

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[11] **2,210,919**  
[13] C  
[51] **Int.Cl. 6F23N 5/00 6F23M 13/00 6F24H 3/08**  
[25] EN  
[54] **NOX REDUCING COMBUSTOR TUBE INSERT APPARATUS**  
[54] **APPAREIL DE REDUCTION DES EMISSIONS DE NOX INSERE DANS LES TUBES DE LA CHAMBRE DE COMBUSTION**  
[72] BROWN, Phillip G., US  
[72] WILLBANKS, Scott A., US  
[72] MAIELLO, Dennis R., US  
[73] Rheem Manufacturing Company, US  
[22] 1997-07-21  
[30] US (08/681,322) 1996-07-22

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[11] **2,207,639**  
[13] C  
[51] **Int.Cl. 6A61J 1/20 6A61M 5/31**  
[25] EN  
[54] **SYRINGE GUIDE AND VIAL HOLDER**  
[54] **GUIDE-SERINGUE ET PORTE-FLACON**  
[72] MAXWELL, Andrew A., US  
[73] PHARMACIA & UPJOHN COMPANY, US  
[22] 1997-06-12  
[30] US (08/872,274) 1997-06-10

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[11] **2,209,654**  
[13] C  
[51] **Int.Cl. 6H02G 3/08**  
[25] EN  
[54] **ELECTRICAL CONNECTIONS TO ENCASED ELECTRONIC DEVICES**  
[54] **PROCEDES ET APPAREIL DE BRANCHEMENT ELECTRIQUE A DES DISPOSITIFS ELECTRONIQUES EN BOITIER**  
[72] DIEMAN, Charles A., Jr., US  
[72] JOHNSEN, Andrew C., US  
[73] THE ENSIGN-BICKFORD COMPANY, US  
[85] 1997-07-04  
[86] 1996-01-22 (PCT/US96/00898)  
[87] (WO96/23341)  
[30] US (08/379,340) 1995-01-27

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[11] **2,212,023**  
[13] C  
[51] **Int.Cl. 6G06F 1/16**  
[25] EN  
[54] **ADJUSTING DEVICE FOR A SCREEN OF A COMPUTER**  
[54] **DISPOSITIF D'AJUSTEMENT D'UN ECRAN D'ORDINATEUR**  
[72] YEN, Jung-Chuan, TW  
[73] YEN, Jung-Chuan, TW  
[22] 1997-07-31

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[11] **2,213,800**  
[13] C

[51] **Int.Cl. 6H01Q 1/36 6H01Q 1/12**  
[25] EN  
[54] **ANTENNA ASSEMBLY AND METHOD FOR ATTACHING AN ANTENNA**  
[54] **ENSEMBLE ANTENNE ET METHODE DE FIXATION D'ANTENNE**  
[72] PACK, Thomas John, US  
[72] FARKAS, Richard William, US  
[72] PAULICK, Thomas Eugene, US  
[73] MOTOROLA, INC., US  
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[51] **Int.Cl. 6B65B 13/32**  
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[54] **HAND-HELD ELECTRIC HEAT SEALING APPARATUS**  
[54] **DISPOSITIF DE THERMOSCELLAGE ELECTRIQUE PRATIQUE**  
[72] CHOU, Ammy, TW  
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[22] 1997-08-25

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[11] **2,213,957**  
[13] C

[51] **Int.Cl. 6H04M 1/02 6H04M 1/21**  
[25] EN  
[54] **COMMUNICATION TERMINAL APPARATUS**  
[54] **APPAREIL DE TERMINAL DE TRANSMISSION**  
[72] NITOBÉ, Kenji, JP  
[72] OKU, Hidenori, JP  
[72] UTO, Yoshihiro, JP  
[73] Kabushiki Kaisha Toshiba, JP  
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[51] **Int.Cl. 6G06F 9/44**  
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[54] **GRAPHICAL ENVIRONMENT FOR MANAGING AND DEVELOPING APPLICATIONS**  
[54] **ENVIRONNEMENT GRAPHIQUE DE GESTION ET DE DEVELOPPEMENT D'APPLICATIONS**  
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[85] 1997-08-22  
[86] 1996-02-22 (PCT/DK96/00080)  
[87] (WO96/26484)  
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[13] C

[51] **Int.Cl. 6A43B 13/18**  
[25] EN  
[54] **FOOTWEAR SOLE WITH CLEATED WINDOW**  
[54] **SEMELLE DE CHAUSSURE COMPORTANT UNE FENETRE A PROFIL PROFOND**  
[72] MCCLELLAND, Larry W., US  
[73] WOLVERINE WORLD WIDE INC., US  
[85] 1997-10-01  
[86] 1996-06-20 (PCT/US96/10632)  
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[11] **2,216,012**  
[13] C

[51] **Int.Cl. 6C10L 10/06 6F23J 3/02**  
[25] FR  
[54] **AGENT COMBUSTIBLE SOLIDE DE DESTRUCTION DE LA SUIE ET DES GOUDRONS, SON PROCEDE DE FABRICATION ET SON UTILISATION**  
[54] **SOOT AND TAR ELIMINATING COMBUSTIBLE AGENT, ITS MANUFACTURING PROCESS AND USE**  
[72] BOINET, Olivier, FR  
[72] FARJON, Thierry, FR  
[73] EUREXIM, FR  
[22] 1997-10-06  
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[51] **Int.Cl. 6B60K 6/00 6B62K 11/00**  
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[54] **DRIVING UNIT FOR AN ELECTRIC MOTOR DRIVEN BICYCLE**  
[54] **MOTEUR ELECTRIQUE D'ENTRAINEMENT D'APPOINT POUR BICYCLE**  
[72] SONOBE, Hiroyuki, JP  
[72] HIRABAYASHI, Masashi, JP  
[72] OHTA, Katsutoshi, JP  
[72] TAKAHASHI, Hisayoshi, JP  
[72] SUZUKI, Katsuhiko, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 1997-09-25  
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[13] C

[51] **Int.Cl. 6B62B 3/06**  
[25] EN  
[54] **LIFT TRUCK**  
[54] **CHARIOT ELEVATEUR**  
[72] MICHAUD, Rino, CA  
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[13] C

[51] **Int.Cl. 6B01D 53/68**  
[25] EN  
[54] **METHOD OF TREATING CHLORINE DIOXIDE**  
[54] **METHODE POUR TRAITER LE DIOXYDE DE CHLORE**  
[72] TENNEY, Joel D., US  
[73] Eka Chemicals Inc., US  
[22] 1997-10-24  
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6G07F 7/08  
[25] EN  
[54] A DEVICE FOR TRANSPARENT  
INTERACTION BETWEEN AN IC CARD  
AND A REMOTE TERMINAL  
[54] DISPOSITIF PERMETTANT UNE  
INTERACTION TRANSPARENTE  
ENTRE UNE CARTE A CIRCUIT  
INTEGRE ET UN TERMINAL ELOIGNE  
[72] PORS, Mark Albert, NL  
[72] DE LANGE, Martin Klaas, NL  
[72] PIETERSE, Rob, NL  
[72] VAN POMEREN, Frank Pieter, US  
[72] VAN TILBURG, Johan, NL  
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[87] (WO96/34483)  
[30] NL (1000254) 1995-04-28  
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[11] 2,219,813  
[13] C

[51] Int.Cl. 6H04N 3/15 6H04N 7/18  
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[25] EN  
[54] ELECTRO-OPTICAL STEP-  
FRAME CAMERA SYSTEM WITH  
IMAGE MOTION COMPENSATION  
[54] SYSTEME ELECTRO-OPTIQUE DE  
PHOTOGRAPHIE IMAGE PAR IMAGE  
A COMPENSATION DE FILAGE  
[72] LAREAU, Andre G., US  
[72] WILLEY, Gilbert W., US  
[72] BENNETT, Russell A., US  
[72] BERAN, Stephen R., US  
[73] RECON/OPTICAL, INC., US  
[85] 1997-10-24  
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[87] (WO96/41480)  
[30] US (08/486,989) 1995-06-07

[11] 2,220,229  
[13] C

[51] Int.Cl. 6A61L 9/12  
[25] EN  
[54] DEVICE FOR DISPENSING A  
VOLATILE ACTIVE INGREDIENT  
[54] DISPOSITIF DE DISTRIBUTION  
D'UN INGREDIENT ACTIF VOLATIL  
[72] DANCS, Imre J., US  
[72] SAVAGE, Frank W., US  
[73] S. C. JOHNSON & SON, INC., US  
[85] 1997-11-05  
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[87] (WO96/36056)  
[30] US (08/437,002) 1995-05-08

[11] 2,220,998  
[13] C

[51] Int.Cl. 6F41B 11/02  
[25] EN  
[54] COMPRESSED AIR GUN WITH  
MAGAZINE INDEXER  
[54] PISTOLET A AIR COMPRIME  
AVEC INDEX DE CHARGEUR  
[72] APPLEWHITE, John, US  
[72] JOHNSON, Lonnie G., US  
[73] JOHNSON RESEARCH &  
DEVELOPMENT COMPANY, INC., US  
[85] 1997-11-13  
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[87] (WO96/36846)  
[30] US (08/441,229) 1995-05-15  
[30] US (08/494,407) 1995-06-26

[11] 2,221,972  
[13] C

[51] Int.Cl. 6C12N 15/29 6A01H 5/00  
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6C12N 15/82  
[25] EN  
[54] MAIZE GENE AND PROTEIN FOR  
INSECT CONTROL  
[54] GENE DE MAIS ET PROTEINE  
POUR LA LUTTE CONTRE LES  
INSECTES  
[72] FOX, Timothy W., US  
[72] GARNAAT, Carl W., US  
[72] MEYER, Terry EuClaire, US  
[73] PIONEER HI-BRED  
INTERNATIONAL, INC., US  
[85] 1997-11-24  
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[30] US (08/449,986) 1995-05-25

[11] 2,224,989  
[13] C

[51] Int.Cl. 6G01S 17/06 6G01S 11/12  
6G01S 17/93  
[25] EN  
[54] SYSTEM FOR ENHANCING  
NAVIGATION AND SURVEILLANCE IN  
LOW VISIBILITY CONDITIONS  
[54] SYSTEME D'AMELIORATION DE  
LA NAVIGATION ET DE LA  
SURVEILLANCE DANS DES  
CONDITIONS DE FAIBLE VISIBILITE  
[72] NORRIS, Victor J., US  
[73] NORRIS, Victor J., US  
[85] 1997-12-01  
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[87] (WO96/38831)  
[30] US (08/453,720) 1995-05-30

[11] 2,226,373  
[13] C

[51] Int.Cl. 6A47L 9/24  
[25] EN  
[54] TELESCOPING VACUUM  
CLEANER SUCTION PIPE ASSEMBLY  
[54] TUBE D'ASPIRATION  
TELESCOPIQUE D'ASPIRATEUR  
[72] HERBST, Thomas, DE  
[73] CARL FROH GmbH, DE  
[22] 1998-02-11  
[30] DE (197 05 545.1) 1997-02-14  
[30] DE (197 22 195.5) 1997-05-27

[11] 2,227,059  
[13] C

[51] Int.Cl. 6F16M 1/00  
[25] EN  
[54] MODULAR ASSEMBLY KIT FOR  
CONSTRUCTING ROOF MOUNTED  
SUPPORT STRUCTURES  
[54] NECESSAIRE D'ENSEMBLE  
MODULAIRE CONCU POUR  
CONSTRUIRE DES STRUCTURES DE  
SOUTIEN MONTÉES SUR LE TOIT  
[72] THALER, Ken, CA  
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[22] 1998-01-15  
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[25] EN  
[54] **ELECTRIC WATER HEATER WITH DRY FIRE PROTECTION SYSTEM INCORPORATED THEREIN**  
[54] **CHAUFFE-EAU ELECTRIQUE A PROTECTION INTEGREE CONTRE LA MISE SOUS TENSION A SEC**  
[72] HALL, Jacob H., US  
[73] Rheem Manufacturing Company, US  
[22] 1998-03-16  
[30] US (08/898,508) 1997-07-22

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[11] **2,232,756**  
[13] C

[51] **Int.Cl. 6B60Q 9/00 6G01M 17/013 6B60Q 1/50**  
[25] EN  
[54] **BEARING FAILURE DETECTION APPARATUS**  
[54] **DETECTEUR DE DEFAILLANCE DE PALIER**  
[72] MACLEAN, James K., CA  
[73] MACLEAN, James K., CA  
[22] 1998-03-19  
[30] US (08/822,710) 1997-03-21

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[11] **2,233,535**  
[13] C

[51] **Int.Cl. 6F16K 47/08 6F16K 5/08**  
[25] EN  
[54] **LOW NOISE BALL VALVE ASSEMBLY WITH DOWNSTREAM AIRFOIL INSERT**  
[54] **ENSEMBLE DE ROBINET A BOISSEAU SPHERIQUE A FAIBLE BRUIT AVEC SURFACE PORTANTE RAPPORTEE EN AVAL**  
[72] BOGER, Henry William, US  
[73] DRESSER INDUSTRIES, INC., US  
[22] 1998-03-30  
[30] US (08/819,760) 1997-04-03

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[13] C

[51] **Int.Cl. 6G01F 23/22 6G01F 23/296**  
[25] EN  
[54] **APPARATUS FOR ESTABLISHING AND/OR MONITORING A PREDETERMINED FILLING LEVEL IN A CONTAINER**  
[54] **DISPOSITIF PERMETTANT D'ETABLIR ET/OU DE SURVEILLER UN NIVEAU DE REMPLISSAGE PREDETERMINE DANS UN CONTENANT**  
[72] LOPATIN, Sergej, DE  
[72] GETMAN, Igor, DE  
[73] ENDRESS + HAUSER GMBH + CO., DE  
[22] 1998-04-15  
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[11] **2,235,568**  
[13] C

[51] **Int.Cl. 6H04Q 7/08 6H04Q 7/18**  
[25] EN  
[54] **METHOD AND APPARATUS IN A RADIO MESSAGING SYSTEM FOR FORMING A CURRENT FRAME OF DATA WHILE MAINTAINING A CORRECT TRANSMISSION ORDER FOR NUMBERED MESSAGES**  
[54] **METHODE ET APPAREIL DE FORMATION DU BLOC DE DONNEES DU MOMENT QUI MAINTIENNENT L'ORDRE DE TRANSMISSION APPROPRIE DES MESSAGES NUMEROTES POUR LES SYSTEMES DE RADIOMESSAGERIE**  
[72] PHILLIPS, W. Garland, US  
[72] COURTS, Jeffrey D., US  
[73] MOTOROLA, INC., US  
[22] 1998-04-22  
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[13] C

[51] **Int.Cl. 6H03K 3/28 6H03K 6/02**  
[25] EN  
[54] **SERIAL MULTI-GB/S DATA RECEIVER**  
[54] **RECEPTEUR DE DONNEES EN SERIE FONCTIONNANT A DES DEBITS DE PLUSIEURS GIGABITS PAR SECONDE**  
[72] BROWN, Anthony Kevin Dale, CA  
[72] GOULETTE, Richard Ralph, CA  
[72] PIKE, Rodney David, CA  
[72] WALLACE, Roderick Edgar, CA  
[73] NORTEL NETWORKS CORPORATION, CA  
[85] 1998-04-22  
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[13] C

[51] **Int.Cl. 6G02C 9/00 6G02C 7/08**  
[25] EN  
[54] **EYEGLASS DEVICE HAVING AUXILIARY FRAME**  
[54] **LUNETTES COMPORTANT UNE MONTURE SECONDAIRE**  
[72] CHAO, David YinKai, US  
[73] CHAO, David YinKai, US  
[22] 1998-04-24  
[30] US (847,708) 1997-04-28

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[13] C

[51] **Int.Cl. 6H01P 1/10 6H03H 2/00 6H01P 5/02 6H03K 17/92**  
[25] EN  
[54] **A MICROWAVE SWITCH AND METHOD OF OPERATION THEREOF**  
[54] **INTERRUPTEUR DE MICRO-ONDES ET MODE DE FONCTIONNEMENT**  
[72] MANSOUR, Raafat, CA  
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[54] **FABRICATION DE TUTEUR**  
[72] LUKIC, Goran, CH  
[73] SCHNEIDER (EUROPE) GmbH, CH  
[22] 1994-02-03  
[62] 2,114,891  
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[25] EN  
[54] **PHOTOGRAPHIC LIQUIDS**  
**EFFLUENT DISCHARGE**  
[54] **DECHARGE D'EFFLUENTS A**  
**BASE DE LIQUIDES**  
**PHOTOGRAPHIQUES USES**  
[72] BRUNELLE, Denis, CA  
[72] RIVIERE, John L., CA  
[72] REN, Jian Min, CA  
[72] GRAVEL, Bernard, CA  
[73] METAFIX INC., CA  
[22] 1999-02-10

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[11] **2,263,043**  
[13] C

[51] **Int.Cl. 6C10G 9/14**  
[25] EN  
[54] **METHOD FOR REDUCING**  
**CARBON MONOXIDE IN THE**  
**CRACKING OF HYDROCARBON GAS**  
**STREAMS**  
[54] **METHODE D'OBTENTION D'UN**  
**TUBE A PROPRIETES INHIBITRICES**  
**DE FORMATION DE COKE ET**  
**D'OXYDE DE CARBONE LORSQU'IL**  
**EST UTILISE POUR LE**  
**THERMOCRAQUAGE**  
**D'HYDROCARBURES**  
[72] SCHARRE, Mark D., US  
[72] REED, Larry E., US  
[72] BROWN, Ronald E., US  
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[72] GREENWOOD, Gil J., US  
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US  
[22] 1996-02-27  
[62] 2,170,425  
[30] US (08/409,292) 1995-03-23

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[11] **2,263,450**  
[13] C

[51] **Int.Cl. 6B26D 5/08 6B26D 7/02**  
[25] EN  
[54] **CONVERSION DEVICE FOR**  
**HAND-HELD POWER TOOLS**  
[54] **DISPOSITIF DE CONVERSION**  
**POUR OUTILS MECANQUES A MAIN**  
[72] NEWELL, Robert M., US  
[73] NEWELL, Robert M., US  
[85] 1999-02-05  
[86] 1997-08-07 (PCT/US97/14041)  
[87] (WO98/06548)  
[30] US (694,518) 1996-08-09

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[13] C

[51] **Int.Cl. 6B25G 1/04 6B25G 3/00**  
**6E01H 5/02 6A01B 1/22**  
[25] EN  
[54] **DETACHABLE AND ADJUSTABLE**  
**AUXILIARY HANDLE FOR A LONG-**  
**HANDLED MATERIAL-MOVING**  
**TOOL**  
[54] **MANCHE SUPPLEMENTAIRE**  
**AMOVIBLE ET AJUSTABLE POUR**  
**OUTIL A LONG MANCHE SERVANT**  
**AU DEPLACEMENT DE MATERIAUX**  
[72] RENAUD, MARK L., CA  
[73] RENAUD, MARK L., CA  
[22] 1999-06-14  
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[51] Int.Cl. 6C12N 15/12 6A61K 48/00  
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[25] EN  
[54] A NOVEL HYPERTENSION  
RELATED CALCIUM REGULATED  
GENE (HCARG)  
[54] NOUVEAU GENE LIE A  
L'HYPERTENSION REGULE PAR LE  
CALCIUM  
[72] GOSSARD, Francis, CA  
[72] LEWANCZUK, Richard, CA  
[72] HAMET, Pavel, CA  
[72] TREMBLAY, Johanne, CA  
[71] CENTRE DE RECHERCHE DU  
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[43] 2000-06-30

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[13] A1  
[51] Int.Cl. 6C12Q 1/68  
[25] EN  
[54] CODED DNA PROCESSING  
[54] TRAITEMENT D'ADN CODE  
[72] DAVIES, Stephen William, CA  
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[22] 1998-12-29  
[43] 2000-06-29

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[21] **2,256,164**  
[13] A1  
[51] Int.Cl. 6E05B 3/06  
[25] EN  
[54] SUPPORTING STRUCTURE FOR  
HANDLES OF A LOCK  
[54] STRUCTURE SUPPORT POUR  
POIGNEES DE VERROU  
[72] HUANG, Lan-Shi, TW  
[71] TAIWAN FU HSING INDUSTRIAL  
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[22] 1998-12-30  
[43] 2000-06-30

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[13] A1  
[51] Int.Cl. 6A01M 1/06 6A01M 1/24  
[25] EN  
[54] FLYING-INSECT CONTROLLING  
UNIT  
[54] UNITE DE CONTROLE  
D'INSECTES VOLANTS  
[72] LEDUC, Bruce, CA  
[71] LEDUC, Bruce, CA  
[22] 1998-12-29  
[43] 2000-06-29

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[13] A1  
[51] Int.Cl. 6A47L 17/04 6A47L 17/08  
6A47L 15/37  
[25] EN  
[54] AUTOMATIC POT-SCRUBBER  
[54] APPAREIL DE RECURAGE  
AUTOMATIQUE DE MARMITE  
[72] BARDHAN, BIBHUTI BHUSAN, CA  
[71] BARDHAN, BIBHUTI BHUSAN, CA  
[22] 1998-12-31  
[43] 2000-06-30

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[21] **2,257,048**  
[13] A1  
[51] Int.Cl. 6A01C 7/00 6A01C 7/08 6B60P  
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[25] EN  
[54] AUGER FOR FILLING SEEDERS  
[54] VIS SANS FIN POUR REMPLIR LES  
SEMOIRS  
[72] LISAFELD, Kevin, CA  
[71] LISAFELD, Kevin, CA  
[22] 1998-12-30  
[43] 2000-06-30

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[13] A1  
[51] Int.Cl. 6G04G 13/02 6G04B 47/00  
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[25] EN  
[54] TALKING ALARM CLOCK  
[54] REVEILLE-MATIN PARLANT  
[72] CHAN, Albert Wai, CN  
[71] THINKING TECHNOLOGY INC., BS  
[22] 1998-12-30  
[43] 2000-06-30

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[13] A1  
[51] Int.Cl. 6B60Q 1/44 6B62J 6/04 6B60Q  
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[25] EN  
[54] AUXILIARY SAFETY WARNING  
LAMP SYSTEM FOR A VEHICLE  
[54] FEU D'ALARME ET DE SECURITE  
AUXILIAIRE POUR VEHICULE  
[72] WANG, Ching-Yung, TW  
[71] PAPACY PRODUCTS CO., LTD., TW  
[22] 1998-12-30  
[43] 2000-06-30

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[51] Int.Cl. 6H04L 12/12 6H04L 29/02  
6H04Q 7/38  
[25] EN  
[54] DYNAMIC DATA LINK  
ADAPTATION  
[54] ADAPTATION DE LIAISON DE  
DONNEES DYNAMIQUES  
[72] SONTI, Jagdish, CA  
[72] KENWARD, Gary, CA  
[72] GAGE, WILLIAM ANTHONY, CA  
[72] COSKUN, Risvan, CA  
[72] JANEVSKI, Goran, CA  
[71] NORTHERN TELECOM LIMITED,  
CA  
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[43] 2000-06-30

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[21] **2,257,320**  
[13] A1  
[51] **Int.Cl. 6A61M 5/315**  
[25] EN  
[54] **EASY-SLIP PLUNGER/PLUNGER  
ROD ASSEMBLY FOR A SYRINGE OR  
A CARTRIDGE**  
[54] **PISTON/ASSEMBLAGE DE TIGE  
DE PISTON A GLISSAGE FACILE  
POUR UNE SERINGUE OU UNE  
CARTOUCHE**  
[72] GABBARD, Timothy J., US  
[72] NIEDOSPIAL, John J., Jr., US  
[72] GABBARD, Mark E., US  
[71] BRACCO INTERNATIONAL B.V., NL  
[22] 1998-12-30  
[43] 2000-06-30

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[21] **2,257,325**  
[13] A1  
[51] **Int.Cl. 6E04F 17/02 6E04C 1/00  
6B28B 1/087**  
[25] EN  
[54] **IMPROVED BRICK BLOCK AND  
PROCESS AND APPARATUS  
THEREFOR**  
[54] **BLOCS DE BRIQUES  
AMELIOREES ET PROCEDE ET  
APPAREIL DE FABRICATION**  
[72] STEVENS, Craig A., US  
[71] STEVENS, Craig A., US  
[22] 1998-12-30  
[43] 2000-06-30

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[21] **2,257,331**  
[13] A1  
[51] **Int.Cl. 6G06F 19/00 6G06K 9/72**  
[25] EN  
[54] **A PROCESS FOR ACCELERATING  
THE DISCLOSURE OF THE PRESENCE  
OF HYDROCARBON BY PERFORMING  
PATTERN RECOGNITION ON  
SCANNED WELL LOGS**  
[54] **PROCEDE POUR ACCELERER LA  
DIVULGATION DE LA PRESENCE  
D'HYDROCARBURES EN EXECUTANT  
UNE RECONNAISSANCE DES FORMES  
DANS LES DIAGRAPHIES DES  
SONDAGES BALAYEES  
ELECTRONIQUEMENT**  
[72] DURWARD, James, CA  
[71] DURWARD, James, CA  
[22] 1998-12-31  
[43] 2000-06-30

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[21] **2,257,428**  
[13] A1  
[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **COMPUTER BASED MATCHING  
SYSTEM FOR BUYERS AND SELLERS**  
[54] **SYSTEME INFORMATISE  
D'APPARIEMENT DES ACHETEURS  
ET DES VENDEURS**  
[72] VAN ROON, Mark, CA  
[72] ING, David, CA  
[71] BOOTH, John, CA  
[71] LANGLEY, Peter, CA  
[71] VAN ROON, Mark, CA  
[71] ING, David, CA  
[22] 1998-12-29  
[43] 2000-06-29

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[21] **2,257,436**  
[13] A1  
[51] **Int.Cl. 6B05C 21/00 6B08B 3/04**  
[25] EN  
[54] **THE LATEX PAINT ROLLER  
CLEANER**  
[54] **NETTOYEUR DE ROULEAU DE  
PEINTURE AU LATEX**  
[72] SZKODZINSKI, Joanna (J.S.), CA  
[71] SZKODZINSKI, Joanna (J.S.), CA  
[22] 1998-12-30  
[43] 2000-06-30

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[21] **2,257,546**  
[13] A1  
[51] **Int.Cl. 6E04G 3/12 6A62C 39/00**  
[25] EN  
[54] **FIREFIGHTER'S ROOF SUPPORT**  
[54] **APPUI DE TOIT POUR POMPIER**  
[72] BOUWKAMP, Jack, CA  
[71] SCHEUERMANN, Ludwig, CA  
[22] 1998-12-30  
[43] 2000-06-30

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[21] **2,257,590**  
[13] A1  
[51] **Int.Cl. 6G07D 13/00 6G07D 11/00**  
[25] EN  
[54] **BANKNOTE READER SYSTEM**  
[54] **SYSTEME DE LECTURE DE  
BILLETS DE BANQUE**  
[72] DAVEY, John C., CA  
[72] BRYENTON, Earl L., CA  
[71] BRYTECH INC., CA  
[22] 1998-12-29  
[43] 2000-06-29

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[21] **2,257,697**  
[13] A1  
[51] **Int.Cl. 6E21B 43/27**  
[25] EN  
[54] **FOAM-FLUID FOR FRACTURING  
SUBTERRANEAN FORMATIONS**  
[54] **MOUSSE-LIQUIDE POUR  
FRACTURER DES FORMATIONS  
SOUTERRAINES**  
[72] ZHANG, Kewei, CA  
[72] PIERCE, Ron, CA  
[72] LITT, Nicole Deanne, CA  
[72] GUPTA, D. V. Satyanarayana, CA  
[71] FRACMASTER LTD., CA  
[22] 1998-12-31  
[43] 2000-06-30

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[21] **2,257,699**  
[13] A1  
[51] **Int.Cl. 6E21B 43/27**  
[25] EN  
[54] **FLUIDS FOR FRACTURING  
SUBTERRANEAN FORMATIONS**  
[54] **LIQUIDES POUR FRACTURER  
DES FORMATIONS SOUTERRAINES**  
[72] ZHANG, Kewei, CA  
[71] FRACMASTER LTD., CA  
[22] 1998-12-31  
[43] 2000-06-30

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[21] **2,257,701**  
[13] A1  
[51] **Int.Cl. 6C08F 210/10 6C08F 232/00  
6C08F 210/14 6C08F 2/38**  
[25] EN  
[54] **IMPROVED CATIONIC  
POLYMERIZATION PROCESS AND  
CATALYST SYSTEM THEREFOR**  
[54] **PROCESSUS DE  
POLYMERISATION CATIONIQUE  
AMELIORE ET SYSTEME DE  
CATALYSEUR CONNEXE**  
[72] ISMEIER, Juergen R., DE  
[71] BAYER INC., CA  
[22] 1998-12-31  
[43] 2000-06-30

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**25 juin 2000 - 1er juillet 2000**

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[21] **2,257,706**  
[13] A1

[51] **Int.Cl. 6C12N 1/26 6C12S 1/00 6B09C 1/10 6C09K 3/32**  
[25] EN  
[54] **PROCESS AND COMPOSITION FOR TREATING HYDROCARBON CONTAMINATED MATERIAL**  
[54] **PROCEDE ET COMPOSITION POUR TRAITER LES MATERIAUX CONTAMINES PAR DES HYDROCARBURES**  
[72] LAURELL, Ari, CA  
[72] SICOTTE, Paul, CA  
[71] 453168 B.C. LTD., CA  
[22] 1998-12-31  
[43] 2000-06-30

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[21] **2,257,707**  
[13] A1

[51] **Int.Cl. 6C08L 23/22 6C08L 61/10**  
[25] EN  
[54] **CURING OF BUTYL RUBBER**  
[54] **DURCISSEMENT DU CAOUTCHOUC BUTYLE**  
[72] VON HELLENS, Carl Walter, CA  
[72] HOPKINS, William, CA  
[71] BAYER INC., CA  
[22] 1998-12-31  
[43] 2000-06-30

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[21] **2,257,768**  
[13] A1

[51] **Int.Cl. 6B60S 3/04 6A47L 1/08 6A47L 13/26**  
[25] EN  
[54] **WIPER BLADE CONDITIONING SYSTEM**  
[54] **SYSTEME DE BALAIS D'ESSUIE-GLACE**  
[72] DUBROY, Gary Patrick, CA  
[71] DUBROY, Gary Patrick, CA  
[22] 1998-12-31  
[43] 2000-06-30

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[21] **2,258,057**  
[13] A1

[51] **Int.Cl. 6F24F 13/20 6F24F 13/02 6D06F 58/20**  
[25] EN  
[54] **SOFFIT MOUNTED DRYER VENT**  
[54] **DISPOSITIF DE VENTILATION POUR SECHEUSE**  
[72] BOS, Jim, CA  
[71] BOS, Jim, CA  
[22] 1998-12-30  
[43] 2000-06-30

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[21] **2,258,059**  
[13] A1

[51] **Int.Cl. 6A47D 11/00 6A47B 83/00 6A47D 13/00 6A47D 13/06**  
[25] EN  
[54] **CHILDREN'S FURNITURE**  
[54] **MEUBLES POUR ENFANTS**  
[72] MOSES, Tony G., US  
[71] MOSES, Tony G., US  
[22] 1998-12-30  
[43] 2000-06-30

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[21] **2,258,062**  
[13] A1

[51] **Int.Cl. 6A63B 21/008**  
[25] EN  
[54] **RESISTANCE DEVICE**  
[54] **DISPOSITIF DE RESISTANCE**  
[72] LEE, Jason, TW  
[71] LEE, Jason, TW  
[22] 1998-12-30  
[43] 2000-06-30

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[21] **2,258,274**  
[13] A1

[51] **Int.Cl. 6A47F 1/08**  
[25] FR  
[54] **INCONNU**  
[54] **UNKNOWN**  
[72] JOANNETTE, Louis, CA  
[71] JOANNETTE, Louis, CA  
[22] 1998-12-29  
[43] 2000-06-29

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[21] **2,258,378**  
[13] A1

[51] **Int.Cl. 6G07F 5/00 6G07F 9/00**  
[25] EN  
[54] **VENDING MACHINE PRICE CHANGING SYSTEM**  
[54] **SYSTEME DE CHANGEMENT DE PRIX POUR DISTRIBUTRICE AUTOMATIQUE**  
[72] ELLSBERG, Thomas R., US  
[71] ELLSBERG, Thomas R., US  
[22] 1999-01-08  
[43] 2000-06-30  
[30] US (09/225,839) 1998-12-31

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[51] **Int.Cl. 6A47G 7/02 6A47G 7/00 6A01G 9/02**  
[25] EN  
[54] **PATIO TABLE FLOWER BASKET**  
[54] **CORBILLE A FLEURS POUR TABLE DE PATIO**  
[72] FARRON, Susan, CA  
[71] FARRON, Susan, CA  
[22] 1998-12-31  
[43] 2000-06-30

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[21] **2,258,404**  
[13] A1

[51] **Int.Cl. 6H04M 1/24 6G11B 23/00 6H04M 3/26 6H04M 3/30 6H04B 3/46**  
[25] EN  
[54] **A METHOD OF DETECTING THE PRESENCE OF LOAD COILS ON SUBSCRIBERS LOOPS, BY THE USE OF TRANS-HYBRID LOSS MEASUREMENTS**  
[54] **METHODE POUR DETECTER LA PRESENCE DE BOBINES DE CHARGEMENT SUR LES BOUCLES D'ABONNES, EN UTILISANT LES MESURES DE PERTES TRANS-HYBRIDES**  
[72] DYBA, Roman Anthony, CA  
[72] TAYLOR, Chris Donald Andrew, CA  
[72] COMBELLACK, Richard Alan, CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1999-01-13  
[43] 2000-06-28  
[30] US (UNKNOWN) 1998-12-28

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[21] **2,258,472**  
[13] A1

[51] **Int.Cl. 6C08L 23/22 6C08J 3/24**  
[25] EN  
[54] **CURING OF BUTYL RUBBER**  
[54] **DURCISSEMENT DU CAOUTCHOUC BUTYLE**  
[72] VON HELLENS, Carl Walter, CA  
[72] HOPKINS, William, CA  
[71] BAYER INC., CA  
[22] 1999-01-13  
[43] 2000-06-30  
[30] CA (UNKNOWN) 1998-12-31

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[21] **2,258,477**  
[13] A1

[51] **Int.Cl. 6A47G 7/02 6A47G 7/00 6A01G 9/02**  
[25] EN  
[54] **PATIO TABLE FLOWER BASKET**  
[54] **CORBILLE A FLEURS POUR TABLE DE PATIO**  
[72] FARRON, Susan, CA  
[71] FARRON, Susan, CA  
[22] 1998-12-31  
[43] 2000-06-30

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[21] **2,260,604**  
[13] A1  
[51] **Int.Cl. 6B01F 13/00 6E21F 15/08**  
[25] EN  
[54] **APPARATUS FOR PRODUCING HIGH DENSITY SLURRY AND PASTE BACKFILLS**  
[54] **APPAREIL POUR PRODUIRE DU COULIS ET DU REMBLAI DE HAUTE DENSITE**  
[72] MILLETTE, Daniel G., CA  
[72] ANNOR, Alfred, CA  
[72] CHEN, Long Jin, CA  
[71] HER MAJESTY, THE QUEEN, IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTRE, CA  
[22] 1999-01-27  
[43] 2000-06-30  
[30] US (09/223,835) 1998-12-31

[21] **2,262,395**  
[13] A1  
[51] **Int.Cl. 6H04L 12/42 6G11B 23/00 6B61L 27/00 6H04L 12/56**  
[25] EN  
[54] **LOOP DATA TRANSMISSION SYSTEM**  
[54] **SYSTEME DE TRANSMISSION DE DONNEES EN BOUCLE**  
[72] NAGASHIMA, Kizo, JP  
[72] KAWARADA, Akira, JP  
[72] TODA, Takeo, JP  
[72] NAKATANI, Tadashi, JP  
[72] YAMAGUCHI, Akihiko, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 1999-02-23  
[43] 2000-06-25  
[30] JP (10-369275) 1998-12-25

[21] **2,263,080**  
[13] A1  
[51] **Int.Cl. 6H01M 4/60**  
[25] EN  
[54] **SOLID STATE POLYMER BATTERIES AND METHOD FOR MANUFACTURING THE SAME**  
[54] **PILES EN POLYMERE A L'ETAT SOLIDE ET METHODE DE FABRICATION DE CELLES-CI**  
[72] MURAOKA, Hiroki, JP  
[72] KINOSHITA, Kazushige, JP  
[72] SHIMIZU, Kyoushige, JP  
[72] OHATA, Tsumoru, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1999-02-26  
[43] 2000-06-25  
[30] JP (10-368907) 1998-12-25

[21] **2,264,991**  
[13] A1  
[51] **Int.Cl. 6A47K 5/122**  
[25] FR  
[54] **DISTRIBUTRICE DE DENTIFRICE**  
[54] **TOOTH PASTE DISTRIBUTOR**  
[72] TROTIER, Jacques, CA  
[72] TROTIER, Georges, CA  
[72] TROTIER POULIN, DENISE, US  
[72] POULIN, SANDRO RENALD, US  
[72] POULIN, PATRICK, US  
[71] TROTIER, Jacques, CA  
[71] TROTIER, Georges, CA  
[71] TROTIER POULIN, DENISE, US  
[71] POULIN, SANDRO RENALD, US  
[71] POULIN, PATRICK, US  
[22] 1999-03-15  
[43] 2000-06-27

[21] **2,265,385**  
[13] A1  
[51] **Int.Cl. 6A46B 11/04 6A47L 13/26**  
[25] EN  
[54] **SOAP-FILLABLE BRUSH WITH SEALED ACTUATOR**  
[54] **BROSSE POUVANT ETRE REMPLIE DE SAVON ET DOTEE D'UN ACTIONNEUR ETANCHE**  
[72] WHITE, Carly R., US  
[72] CHAPMAN, Dean, US  
[71] GENERAL HOUSEWARES CORP., US  
[22] 1999-03-12  
[43] 2000-06-28  
[30] US (221,489) 1998-12-28

[21] **2,272,441**  
[13] A1  
[51] **Int.Cl. 6B65D 27/00 6B42D 15/08**  
[25] EN  
[54] **C-FOLD RETURN POSTCARD MAILER**  
[54] **CARTE-POSTALE REPONSE A PANNEAU**  
[72] PETERSON, Wayne C., US  
[71] MOORE U.S.A., INC., US  
[22] 1999-05-19  
[43] 2000-06-30  
[30] US (09/223,776) 1998-12-31

[21] **2,275,082**  
[13] A1  
[51] **Int.Cl. 6A63B 21/075**  
[25] EN  
[54] **WATER WEIGHT EXERCISE KIT**  
[54] **ENSEMBLE EXERCISEUR AVEC HALTERES POUVANT ETRE REMPLIS AVEC DE L'EAU**  
[72] BONNETT, DARRELL B., US  
[71] BONNETT, DARRELL B., US  
[22] 1999-06-14  
[43] 2000-06-28  
[30] US (09/220,764) 1998-12-28

[21] **2,276,702**  
[13] A1  
[51] **Int.Cl. 6F23Q 9/00**  
[25] EN  
[54] **A PILOT GAS BURNER**  
[54] **BRULEUR A GAZ A FLAMME PILOTE**  
[72] PREVIATO, ARMANDO, IT  
[72] SARDENA, ANTONIO, IT  
[72] VERONESE, GIUSEPPE, IT  
[71] SIT LA PRECISA S.P.A., IT  
[22] 1999-06-28  
[43] 2000-06-28  
[30] IT (PD98A000310) 1998-12-28

[21] **2,280,838**  
[13] A1  
[51] **Int.Cl. 6H04N 1/32 6H04L 12/54**  
[25] EN  
[54] **NETWORK FACSIMILE APPARATUS**  
[54] **TELECOPIEUR POUR RESEAU**  
[72] IIDA, JUNICHI, JP  
[71] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP  
[22] 1999-08-26  
[43] 2000-06-28  
[30] JP (10-372959) 1998-12-28

[21] **2,281,320**  
[13] A1  
[51] **Int.Cl. 6H04B 3/23**  
[25] EN  
[54] **METHOD AND APPARATUS OF CANCELING ECHOES IN MULTI-CHANNEL**  
[54] **METHODE ET APPAREIL POUR ENRAYER LES ECHOS DANS LES DISPOSITIFS MULTI-CANAU**  
[72] SUGIYAMA, AKIHIKO, JP  
[71] NEC CORPORATION, JP  
[22] 1999-09-03  
[43] 2000-06-28  
[30] JP (10-374831) 1998-12-28

**Demandes canadiennes mises à la disponibilité du public**  
**25 juin 2000 - 1er juillet 2000**

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[21] **2,281,387**  
[13] A1

[51] **Int.Cl. 6A41D 20/00 6A45D 44/12**  
[25] EN  
[54] **ABSORBENT BAND**  
[54] **BANDEAU ABSORBANT**  
[72] CURTIS, FLORENCE, CA  
[71] CURTIS, FLORENCE, CA  
[22] 1999-09-07  
[43] 2000-06-28  
[30] US (60/113,960) 1998-12-28

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[21] **2,281,988**  
[13] A1

[51] **Int.Cl. 6B65G 19/14 6B65G 19/04**  
**6B65G 19/22**  
[25] EN  
[54] **SELF-CLEANING INCLINED SECTION FOR DRAG CONVEYOR**  
[54] **SECTION INCLINEE A NETTOYAGE AUTOMATIQUE POUR TRANSPORTEUR A RACLETTES**  
[72] SCHULZE, SANDRA M., US  
[71] SIDNEY MANUFACTURING COMPANY, US  
[22] 1999-09-07  
[43] 2000-06-30  
[30] US (09/222,985) 1998-12-31

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[21] **2,282,063**  
[13] A1

[51] **Int.Cl. 7C07C 31/38 7G11B 7/24**  
**7C07C 29/62**  
[25] EN  
[54] **PROCESS FOR PRODUCTION OF FLUOROALCOHOL**  
[54] **PROCEDE POUR PRODUIRE DU FLUOROALCOOL**  
[72] TAKAKI, SHOJI, JP  
[72] YASUHARA, TAKASHI, JP  
[72] YOKOYAMA, YASUNORI, JP  
[72] YOSHIZAWA, TORU, JP  
[71] DAIKIN INDUSTRIES LTD., JP  
[22] 1999-09-08  
[43] 2000-06-28  
[30] JP (373972/1998) 1998-12-28  
[30] JP (48446/1999) 1999-02-25

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[21] **2,282,805**  
[13] A1

[51] **Int.Cl. 6H04M 3/42 6H04M 3/54**  
**6H04M 1/72**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SUPPORTING SIMULTANEOUS USER ACCESS TO SUBSCRIBED TELEPHONE SERVICES FROM MULTIPLE LOCATIONS**  
[54] **SYSTEME ET METHODE POUR PERMETTRE AUX UTILISATEURS D'AVOIR UN ACCES SIMULTANE A DES SERVICES TELEPHONIQUES D'ABONNES A PARTIR D'ENDROITS MULTIPLES**  
[72] CHRISTIE, SAMUEL H., IV, US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-09-17  
[43] 2000-06-30  
[30] US (09/223,879) 1998-12-31

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[21] **2,282,820**  
[13] A1

[51] **Int.Cl. 6H04M 11/06 6H04L 12/16**  
**6H04Q 3/64**  
[25] EN  
[54] **WORKFLOW MANAGER**  
[54] **GESTIONNAIRE DE FLUX DE TRAVAUX**  
[72] NEUMANN, SETH C., US  
[72] DAVIS, SHELDON J., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-09-17  
[43] 2000-06-28  
[30] US (09/220,862) 1998-12-28

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[21] **2,282,995**  
[13] A1

[51] **Int.Cl. 6A47G 23/02 6B60N 3/10**  
[25] EN  
[54] **MULTI-SIZE, MULTI-PURPOSE DRINK HOLDER**  
[54] **PORTE-GOBELET UNIVERSEL ET POLYVALENT**  
[72] LAPOINTE, JEAN, CA  
[71] LAPOINTE, JEAN, CA  
[22] 1999-09-03  
[43] 2000-06-28

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[21] **2,283,037**  
[13] A1

[51] **Int.Cl. 6F01M 11/00 6F01M 5/00**  
[25] EN  
[54] **STRUCTURAL OIL PAN WITH INTEGRATED OIL FILTRATION AND COOLING SYSTEM**  
[54] **CARTER D'HUILE AVEC SYSTEME INTEGRE DE FILTRATION D'HUILE ET DE REFROIDISSEMENT**  
[72] FREESE, V. CHARLES EDWIN, US  
[71] DETROIT DIESEL CORPORATION, US  
[22] 1999-09-23  
[43] 2000-06-28  
[30] US (09/228,080) 1998-12-28

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[21] **2,287,051**  
[13] A1

[51] **Int.Cl. 6G01S 7/481 6G01S 17/08**  
[25] EN  
[54] **LASER DISTANCE-MEASURING INSTRUMENT FOR LARGE MEASURING RANGES**  
[54] **INSTRUMENT DE MESURE DE LA DISTANCE AU LASER POUR LES GRANDES ETENDUES DE MESURE**  
[72] PENZOLD, MARTIN, DE  
[72] KRUEGER, ULLRICH, DE  
[72] SEIFERT, HELMUT, DE  
[72] SCHUSSER, GERO, DE  
[71] JENOPTIK AKTIENGESELLSCHAFT, DE  
[22] 1999-10-21  
[43] 2000-06-28  
[30] DE (198 60 464.5-35) 1998-12-28

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[21] **2,287,098**  
[13] A1

[51] **Int.Cl. 6H04L 27/26 6H04Q 1/45**  
**6H04M 1/50**  
[25] EN  
[54] **DIGITAL MULTITONE COMMUNICATION TRUNK**  
[54] **CIRCUIT DE COMMUNICATION NUMERIQUE A TONALITES MULTIPLES**  
[72] MCGINN, JOHN D., CA  
[72] WONG, PAUL K., US  
[72] OZKAN, OGUZ, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-10-21  
[43] 2000-06-30  
[30] US (09/224,841) 1998-12-31

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[21] **2,287,146**  
[13] A1  
[51] **Int.Cl. 6H04L 12/54 6H04M 3/50**  
[25] EN  
[54] **GRAPHICAL MESSAGE NOTIFICATION**  
[54] **NOTIFICATION DE MESSAGE GRAPHIQUE**  
[72] CRUICKSHANK, BRIAN, CA  
[72] BRENNAN, PAUL MICHAEL, CA  
[72] LUMSDEN, JOHN ERIC, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-10-22  
[43] 2000-06-28  
[30] US (09/220,962) 1998-12-28

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[21] **2,287,194**  
[13] A1  
[51] **Int.Cl. 6A01K 15/04 6A01K 29/00**  
[25] EN  
[54] **LIVESTOCK HANDLING PADDLE**  
[54] **PALETTE POUR CONTROLER LE BETAIL**  
[72] MCNARY, WAYNE, CA  
[71] NILSSON BROS. INC., CA  
[22] 1999-10-25  
[43] 2000-06-28

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[21] **2,287,668**  
[13] A1  
[51] **Int.Cl. 7F16B 43/00 7F16B 39/00 7B21C 23/00 7F16B 37/04**  
[25] EN  
[54] **PLATE AND BOLT ASSEMBLY**  
[54] **ENSEMBLE PLAQUE ET BOULON**  
[72] HARTERY, WILLIAM F., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-10-27  
[43] 2000-06-28  
[30] US (09/221,460) 1998-12-28

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[21] **2,287,950**  
[13] A1  
[51] **Int.Cl. 7G03C 7/413**  
[25] EN  
[54] **COLOR DEVELOPING COMPOSITION AND METHOD OF USE IN PHOTOPROCESSING**  
[54] **COMPOSITION ET METHODE DE REVELATION CHROMOGENE A UTILISER DANS LE TRAITEMENT DE LA PHOTO**  
[72] PETTRONE, FRANK A., US  
[72] MCGUCKIN, HUGH G., US  
[72] BADGER, JOHN S., US  
[71] EASTMAN KODAK COMPANY, US  
[22] 1999-11-01  
[43] 2000-06-30  
[30] US (09/223,861) 1998-12-31

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[21] **2,288,247**  
[13] A1  
[51] **Int.Cl. 7G02B 6/36**  
[25] EN  
[54] **ALIGNMENT SLEEVE FOR ALIGNING FERRULES AND ASSOCIATED ASSEMBLY METHOD**  
[54] **MANCHON D'ALIGNEMENT POUR ALIGNER DES FERRULES ET METHODE D'ASSEMBLAGE CONNEXE**  
[72] WAGNER, KARL M., US  
[72] DEAN, DAVID L., JR., US  
[71] SIECOR OPERATIONS, LLC, US  
[22] 1999-11-02  
[43] 2000-06-29  
[30] US (09/222,619) 1998-12-29

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[21] **2,288,249**  
[13] A1  
[51] **Int.Cl. 7G02B 6/36**  
[25] EN  
[54] **GENDER SELECTABLE FIBER OPTIC CONNECTOR AND ASSOCIATED FABRICATION METHOD**  
[54] **CONNECTEUR DE FIBRES OPTIQUES A EXTREMITES SELECTIONNABLES ET METHODE DE FABRICATION CONNEXE**  
[72] LUTHER, JAMES P., US  
[72] GIEBEL, MARKUS A., US  
[72] ROSSON, JOEL C., US  
[71] SIECOR OPERATIONS, LLC, US  
[22] 1999-11-02  
[43] 2000-06-30  
[30] US (09/223,908) 1998-12-31

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[21] **2,288,357**  
[13] A1  
[51] **Int.Cl. 7G02B 6/40**  
[25] EN  
[54] **MULTIFIBER ALIGNMENT ADAPTER AND ASSOCIATED FIBER OPTIC CONNECTOR SUBASSEMBLY**  
[54] **ADAPTATEUR POUR ALIGNEMENT MULTIFIBRES ET SOUS-ENSEMBLE CONNECTEUR DE FIBRES OPTIQUES**  
[72] LUTHER, JAMES P., US  
[72] WAGNER, KARL M., US  
[71] SIECOR OPERATIONS, LLC, US  
[22] 1999-11-02  
[43] 2000-06-30  
[30] US (09/224,679) 1998-12-31

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[21] **2,288,399**  
[13] A1  
[51] **Int.Cl. 7G02B 6/36**  
[25] EN  
[54] **AN MT RJ COMPATIBLE FIBER OPTIC CONNECTOR HAVING A SUBSTANTIALLY CYLINDRICAL FERRULE**  
[54] **CONNECTEUR DE FIBRES OPTIQUES COMPATIBLE MT RJ DOTE D'UNE FERRULE DE FORME CYLINDRIQUE**  
[72] KNECHT, DENNIS, US  
[72] LUTHER, JAMES P., US  
[72] SZENTESI, OTTO I., US  
[72] GIEBEL, MARKUS A., US  
[71] SIECOR OPERATIONS, LLC, US  
[22] 1999-11-03  
[43] 2000-06-30  
[30] US (09/224,034) 1998-12-31

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[21] **2,289,185**  
[13] A1  
[51] **Int.Cl. 7H04L 29/02 7H04L 12/24**  
[25] EN  
[54] **IMPROVED DATA NETWORK FOR REAL TIME INFORMATION**  
[54] **RESEAU DE DONNES AMELIORE POUR OBTENIR DE L'INFORMATION EN TEMPS REEL**  
[72] SENYSHYN, PAUL ANDREW, CA  
[72] HIMBEAULT, LEE C., CA  
[72] WOLLENSAK, MARTIN, CA  
[71] NORTHERN TELECOM INC., US  
[22] 1999-11-09  
[43] 2000-06-30  
[30] US (09/223,991) 1998-12-31

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**25 juin 2000 - 1er juillet 2000**

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[21] **2,289,348**  
[13] A1

[51] **Int.Cl. 7H04M 11/06 7H04L 12/16 7H04L 12/56**  
[25] EN  
[54] **VOICE OVER DATA NETWORK MANAGER**  
[54] **GESTIONNAIRE DE RESEAU DE DONNEES AVEC VOIX HORS CHAMP**  
[72] CHOW, KEN, CA  
[72] HIMBEAULT, LEE C., CA  
[71] NORTHERN TELECOM INC., US  
[22] 1999-11-09  
[43] 2000-06-30  
[30] US (09/223,924) 1998-12-31

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[21] **2,289,350**  
[13] A1

[51] **Int.Cl. 7H04Q 3/64 7H04L 29/02**  
[25] EN  
[54] **ACCESSORY RESOURCE ARBITRATION FOR STIMULUS TELEPHONE**  
[54] **ARBITRAGE DE RESSOURCES ACCESSOIRES POUR TELEPHONE STIMULUS**  
[72] LEE, JACKIE JIA-CHYI, US  
[72] OSBORNE, ROY NEWTON, CA  
[72] BUTTON, LYLE ROBERT, CA  
[72] MCINTYRE, STEPHEN JOSEPH, CA  
[72] DIRIENZO, GUISEPPE JOE, CA  
[72] ALLAN, WILLIAM, CA  
[72] KUECHLER, TIMOTHY AUGUSTUS, CA  
[72] ROGERS, SHANE MICHAEL, CA  
[72] ELLIOTT, JAMES BRENT, CA  
[72] DAVID, LARRY JOHN, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-11-09  
[43] 2000-06-30  
[30] US (09/222,882) 1998-12-30

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[21] **2,289,788**  
[13] A1

[51] **Int.Cl. 7E04C 2/292**  
[25] EN  
[54] **INSULATED STEEL CONSTRUCTION PANELS**  
[54] **PANNEAUX DE CONSTRUCTION ISOLES EN ACIER**  
[72] GREENBERG, PERCY, US  
[71] CROWN PARTNERSHIP, US  
[22] 1999-11-16  
[43] 2000-06-30  
[30] US (09/222,004) 1998-12-30

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[21] **2,290,027**  
[13] A1

[51] **Int.Cl. 7G02B 6/43 7G02B 6/44**  
[25] EN  
[54] **FIBER OPTIC CABLE WALL MOUNT HOUSING**  
[54] **GAINÉ MURALE POUR CABLE A FIBRES OPTIQUES**  
[72] ELDER, CARRIE LYNN, US  
[72] NOBLE, JENNIFER D., US  
[71] SIECOR OPERATIONS, LLC, US  
[22] 1999-11-16  
[43] 2000-06-28  
[30] US (09/222,584) 1998-12-28

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[21] **2,290,088**  
[13] A1

[51] **Int.Cl. 7H01R 13/502 7H01R 13/646**  
[25] EN  
[54] **UPGRADEABLE COMMUNICATION CONNECTOR**  
[54] **CONNECTEUR DE COMMUNICATION POUVANT ETRE MIS A NIVEAU**  
[72] ARNETT, JAIME RAY, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-11-22  
[43] 2000-06-28  
[30] US (09/221,093) 1998-12-28

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[21] **2,290,162**  
[13] A1

[51] **Int.Cl. 7B60T 13/66 7B61H 13/00 7B60R 16/00 7B61C 17/12**  
[25] EN  
[54] **RAILWAY EMULATION BRAKE**  
[54] **SIMULATEUR DE FREIN DE VOIE**  
[72] KULL, ROBERT C., US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1999-11-19  
[43] 2000-06-30  
[30] US (224,540) 1998-12-31

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[21] **2,290,199**  
[13] A1

[51] **Int.Cl. 7B60K 15/035 7B60K 15/077**  
[25] EN  
[54] **FUEL TANK VENT SYSTEM WITH ORIFICE**  
[54] **CIRCUIT DE MISE A L'AIR LIBRE POUR RESERVOIR DE CARBURANT AVEC ORIFICE**  
[72] PEOTTER, BENJAMIN G., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-11-22  
[43] 2000-06-29  
[30] US (09/222,527) 1998-12-29

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[21] **2,290,234**  
[13] A1

[51] **Int.Cl. 7B31F 1/12**  
[25] EN  
[54] **SMOOTH BULKY CREPED PAPER PRODUCT**  
[54] **PRODUIT DE PAPIER CREPE, LISSE ET BOUFFANT**  
[72] KAMPS, RICHARD J., US  
[72] BEUTHER, PAUL D., US  
[72] OSTERMEIER, KURT W., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 1999-11-23  
[43] 2000-06-30  
[30] US (09/223,602) 1998-12-30

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[21] **2,290,242**  
[13] A1

[51] **Int.Cl. 7H04L 12/26**  
[25] EN  
[54] **AUTO-CORRELATION SYSTEM AND METHOD FOR RATE DETECTION OF A DATA COMMUNICATION CHANNEL**  
[54] **SYSTEME D'AUTOCORRELATION ET METHODE DE DETECTION DE LA VITESSE D'UNE VOIE DE TRANSMISSION DE DONNEES**  
[72] WARNER, MARK E., US  
[72] PRASAD, MOHIT KISHORE, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-11-23  
[43] 2000-06-30  
[30] US (09/223,543) 1998-12-30

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[21] **2,290,250**  
[13] A1

[51] **Int.Cl. 7B61C 17/12 7B60R 16/02 7B60T 13/66**  
[25] EN  
[54] **RAILWAY LOCOMOTIVE ECP TRAIN LINE CONTROL**  
[54] **CONTROLE DE LIGNE DE TRAIN ECP D'UNE LOCOMOTIVE**  
[72] KULL, ROBERT C., US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1999-11-23  
[43] 2000-06-30  
[30] US (224,541) 1998-12-31

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[21] **2,290,254**  
[13] A1  
[51] **Int.Cl. 7F24C 1/14 7F24B 1/185**  
[25] EN  
[54] **GAS HEATER HAVING FIREBOX WITH CONTROLLABLE OUTSIDE AIR MIXING VENT**  
[54] **APPAREIL DE CHAUFFAGE AU GAZ DOTE D'UN FOYER AVEC EVENT EXTERNE DE MELANGE D'AIR CONTROLABLE**  
[72] FLICK, CHRISTOPHER L., US  
[72] BEASEY, CORBIT, US  
[71] AMERICAN HEARTH SYSTEMS INCORPORATED, US  
[22] 1999-11-24  
[43] 2000-06-28  
[30] US (09/221,080) 1998-12-28

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[21] **2,290,290**  
[13] A1  
[51] **Int.Cl. 7C09K 3/32 7B09C 1/02**  
[25] EN  
[54] **AIR, SOIL AND GROUND WATER REMEDIATION COMPOSITIONS AND METHODS**  
[54] **COMPOSITIONS ET METHODES DE DECONTAMINATION DE L'AIR, DU SOL ET DE L'EAU SOUTERRAINE**  
[72] IVEY, GEORGE A., CA  
[71] IVEY, GEORGE A., CA  
[22] 1999-11-22  
[43] 2000-06-30  
[30] CA (2,257,696) 1998-12-31

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[21] **2,290,660**  
[13] A1  
[51] **Int.Cl. 7H01Q 21/00**  
[25] EN  
[54] **SIX SECTOR ANTENNA**  
[54] **ANTENNE A SIX SECTEURS**  
[72] BASSIRAT, FARHAD, US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-11-26  
[43] 2000-06-28  
[30] US (09/221,365) 1998-12-28

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[21] **2,290,925**  
[13]  
[51] **Int.Cl. 7F27D 1/18 7F23M 7/04**  
[25] EN  
[54] **WATER JACKETED, HIGH TEMPERATURE BOILER STRETCHER ACCESS DOOR**  
[54] **PORTE D'ACCES A CHEMISE D'EAU DE CHAUDIERE HAUTE TEMPERATURE PERMETTANT LE PASSAGE D'UNE CIVIERE**  
[72] BARKAN, JAMES L., US  
[72] AMAN, JAMES P., US  
[72] DEVAULT, DOUGLAS J., US  
[72] ALBRECHT, MELVIN J., US  
[71] THE BABCOCK & WILCOX COMPANY, US  
[22] 1999-11-29  
[43] 2000-07-01  
[30] US (09/234,687) 1999-01-01

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[21] **2,291,202**  
[13] A1  
[51] **Int.Cl. 7G06K 9/78**  
[25] EN  
[54] **FINGERPRINT IDENTIFICATION DEVICE EQUIPPED WITH A USER RECORDING UNIT**  
[54] **DISPOSITIF D'IDENTIFICATION DES EMPREINTES DIGITALES MUNI D'UN APPAREIL D'ENREGISTREMENT D'UTILISATEUR**  
[72] MORITA, TAKEO, JP  
[72] ISHII, HIROTAKA, JP  
[72] YOMO, YASUhide, JP  
[71] OMRON CORPORATION, JP  
[22] 1999-11-29  
[43] 2000-06-29  
[30] JP (HEISEI 10-377135) 1998-12-29

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[21] **2,291,297**  
[13] A1  
[51] **Int.Cl. 7H01R 24/04 7H01R 24/06**  
[25] EN  
[54] **MODULAR PLUG HAVING IMPROVED CROSSTALK CHARACTERISTICS**  
[54] **FICHE MODULAIRE DOTE DE CARACTERISTIQUES DE DIAPHONIE AMELIOREES**  
[72] BOGESE, STEPHEN B., US  
[71] THOMAS & BETTS INTERNATIONAL, INC., US  
[22] 1999-11-30  
[43] 2000-06-30  
[30] US (224,497) 1998-12-31

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[21] **2,291,377**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/36**  
[25] EN  
[54] **SYSTEM AND METHOD FOR LOCATING MOBILE UNITS OPERATING WITHIN A WIRELESS COMMUNICATION SYSTEM**  
[54] **SYSTEME ET METHODE POUR REPERER LES UNITES MOBILES DANS UN SYSTEME DE COMMUNICATION SANS FIL**  
[72] VERDONK, TIMOTHY C., US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-12-01  
[43] 2000-06-30  
[30] US (09/223,889) 1998-12-31  
[30] US (09/280,263) 1999-03-29

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[21] **2,291,379**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/36**  
[25] EN  
[54] **CALL SELECTION AND AGENT SELECTION IN A CALL CENTER BASED ON AGENT STAFFING SCHEDULE**  
[54] **SELECTION DES APPELS ET DES AGENTS DANS UN CENTRE D'APPELS BASE SUR LE PLANNING DU PERSONNEL**  
[72] GOURLAY, WILLIAM EDWARD, US  
[72] MATHEWS, EUGENE P., US  
[72] FOSTER, ROBIN H., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-11-25  
[43] 2000-06-30  
[30] US (09/224,043) 1998-12-31

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[21] **2,291,384**  
[13] A1  
[51] **Int.Cl. 7D21G 1/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CALENDERING A SHEET MATERIAL WEB CARRIED BY A FABRIC**  
[54] **METHODE ET APPAREIL POUR CALANDRER DES VOILES DE CARDE PORTES PAR UN TISSU**  
[72] PERKINS, JAMES M., US  
[72] OTTO, KURT T., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 1999-11-25  
[43] 2000-06-30  
[30] US (60/114,134) 1998-12-30  
[30] US (09/243,774) 1999-02-03

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[21] **2,291,386**  
[13] A1

[51] **Int.Cl. 7D21H 27/40 7B31F 1/07**  
[25] EN  
[54] **APPARATUS AND METHOD FOR EMBOSSING AND CRIMPING A MULTI-LAYER SHEET MATERIAL WEB ASSEMBLY**  
[54] **APPAREIL ET METHODE POUR GAUFRE ET CREPER UN MATERIAU EN FEUILLES A COUCHES MULTIPLES**  
[72] WENDLER, ROGER E., JR., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 1999-11-25  
[43] 2000-06-30  
[30] US (09/223,252) 1998-12-30

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[21] **2,291,393**  
[13] A1

[51] **Int.Cl. 7H04L 9/32 7H04L 12/22**  
[25] EN  
[54] **ANONYMOUS WEB SITE USER INFORMATION COMMUNICATION METHOD**  
[54] **METHODE DE COMMUNICATION ANONYME DES DONNEES AFFERENTES L'UTILISATEUR D'UN SITE WEB**  
[72] RAJCHEL, SUZANNE KENNEDY, US  
[72] RESSL, MICHAEL G., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-11-30  
[43] 2000-06-30  
[30] US (09/224,625) 1998-12-31

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[21] **2,291,531**  
[13] A1

[51] **Int.Cl. 7H04B 10/16**  
[25] EN  
[54] **OPTICAL AMPLIFIER MANUFACTURE**  
[54] **FABRICATION D'AMPLIFICATEURS OPTIQUES**  
[72] JONES, KEVAN PETER, GB  
[72] ANDREWS, STEPHEN, GB  
[72] FLINTHAM, BARRIE, GB  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-12-03  
[43] 2000-06-29  
[30] US (09/222,556) 1998-12-29

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[21] **2,291,801**  
[13] A1

[51] **Int.Cl. 7H04L 12/66 7H04Q 3/66**  
[25] EN  
[54] **DATABASE WORKFLOW FOR MULTIMEDIA NETWORKING AND VOIP**  
[54] **ACHEMINEMENT DU TRAVAIL DES BASES DE DONNEES POUR LE RESEAUTAGE MULTIMEDIA ET LE VOIP**  
[72] GLASSMAN, DAVID N., US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-12-07  
[43] 2000-06-30  
[30] US (09/224,410) 1998-12-31

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[21] **2,291,883**  
[13] A1

[51] **Int.Cl. 6C12N 15/70 6C12P 21/00 6C12N 15/11 6C12N 1/21 6C12N 15/67**  
[25] EN  
[54] **TRIGGER FACTOR EXPRESSION PLASMIDS**  
[54] **PLASMIDES D'EXPRESSION A FACTEUR DE DECLenchement**  
[72] YURA, TAKASHI, JP  
[72] YANAGI, HIDEKI, JP  
[72] SOGO, KAZUYO, JP  
[71] HSP RESEARCH INSTITUTE INC., JP  
[22] 1999-12-24  
[43] 2000-06-28  
[30] JP (10-372965) 1998-12-28

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[21] **2,291,895**  
[13] A1

[51] **Int.Cl. 7C12N 1/20 7C12P 13/04 7C12P 13/06 7C12P 13/08 7C12P 13/14 7C12P 13/24**  
[25] EN  
[54] **METHOD FOR PRODUCING L-AMINO ACID**  
[54] **METHODE POUR PRODUIRE DE L'ACIDE AMINE DE FORME L**  
[72] LIVSHITS, VITALIY ARKADIEVICH, RU  
[72] NAKANISHI, KAZUO, JP  
[72] ZAKATAEVA, NATALIA PAVLOVNA, RU  
[72] ALESHIN, VLADIMIR VENIAMINOVICH, RU  
[72] TROSHIN, PETR VLADIMIROVICH, RU  
[72] TOKHMAKOVA, IRINA LYVOVNA, RU  
[71] INSTITUTE OF GENETICS AND SELECTION OF INDUSTRIAL MICROORGANISMS (GNIIGE, RU  
[71] AJINOMOTO CO., INC., JP  
[22] 1999-12-22  
[43] 2000-06-30  
[30] RU (98124016) 1998-12-30  
[30] RU (99104431) 1999-03-09

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[21] **2,291,902**  
[13] A1

[51] **Int.Cl. 7F16J 15/12 7F02F 11/00**  
[25] EN  
[54] **SEALING STRUCTURE OF A JOINT FOR THREE MEMBERS**  
[54] **STRUCTURE D'ETANCHEITE DE JOINT A TROIS ELEMENTS**  
[72] TAKEHANA, YOSHIYASU, JP  
[72] UEDA, KATSUNORI, JP  
[72] SEARASHI, SHUNICHI, JP  
[71] NICHIAS CORPORATION, JP  
[22] 1999-12-08  
[43] 2000-06-25  
[30] JP (10-370391) 1998-12-25

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[21] **2,291,916**  
[13] A1  
[51] **Int.Cl. 7H04L 12/26 7H04L 12/56**  
[25] EN  
[54] **INTERNET DIFFERENTIATED SERVICES SERVICE FOR TRANSACTIONAL APPLICATIONS**  
[54] **SERVICES INTERNET DIFFERENCIÉS POUR APPLICATIONS TRANSACTIONNELLES**  
[72] CHAPMAN, ALAN STANLEY JOHN, CA  
[72] DAVIES, ELWYN BRIAN, GB  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-12-09  
[43] 2000-06-28  
[30] US (09/221,778) 1998-12-28

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[21] **2,291,929**  
[13] A1  
[51] **Int.Cl. 7C12N 1/20 7C22B 47/00 7C02F 3/34**  
[25] EN  
[54] **NOVEL MICROORGANISMS, MICROBIAL SYMBIONTS, THEIR CULTURE METHODS, AND METHODS FOR TREATING MANGANESE-CONTAINING WATER USING THEM**  
[54] **NOUVEAUX MICROORGANISMES, SYMBIONTES MICROBIENS, LEURS METHODES DE CULTURE ET METHODES POUR TRAITER L'EAU CONTENANT DU MANGANESE EN LES UTILISANT**  
[72] HIGASHIHARA, TAKANORI, JP  
[72] MARUYAMA, AKIHIKO, JP  
[72] KATO, YOSHISHIGE, JP  
[72] MIURA, HIROYUKI, JP  
[72] USUI, AKIRA, JP  
[72] ITO, TAKASHI, JP  
[72] KANAI, YUTAKA, JP  
[72] MITA, NAOKI, JP  
[72] TASHIRO, HIDETOSHI, JP  
[71] KATO, YOSHISHIGE, JP  
[71] KANAI, YUTAKA, JP  
[71] MITA, NAOKI, JP  
[22] 1999-12-24  
[43] 2000-06-28  
[30] JP (377190/1998) 1998-12-28  
[30] JP (112735/1999) 1999-04-20

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[21] **2,291,932**  
[13] A1  
[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6C12N 5/10**  
[25] EN  
[54] **A METHOD FOR PRODUCING THE TRANSFORMANTS OF COFFEE PLANTS AND TRANSGENIC COFFEE PLANTS**  
[54] **UNE METHODE POUR PRODUIRE LES TRANSFORMANTS DE CAFEIERS ET CAFEIERS TRANSGENIQUES**  
[72] KUSANO, TOMONOBU, JP  
[72] SANO, HIROSHI, JP  
[71] NARA INSTITUTE OF SCIENCE AND TECHNOLOGY, JP  
[22] 1999-12-21  
[43] 2000-06-28  
[30] JP (10-372,647) 1998-12-28  
[30] JP (11-347,812) 1999-12-07

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[21] **2,291,940**  
[13] A1  
[51] **Int.Cl. 7H04M 1/57 7H04L 12/16**  
[25] EN  
[54] **GRAPHICAL IDENTIFICATION OF CALLED AND CALLING PARTIES**  
[54] **IDENTIFICATION GRAPHIQUE DU DEMANDEUR ET DU DEMANDE**  
[72] BRENNAN, PAUL MICHAEL, CA  
[72] LUMSDEN, JOHN ERIC, CA  
[72] CRUICKSHANK, BRIAN, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-12-08  
[43] 2000-06-28  
[30] US (09/220,961) 1998-12-28

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[21] **2,291,981**  
[13] A1  
[51] **Int.Cl. 7E02D 29/12**  
[25] EN  
[54] **DROP MANHOLE ASSEMBLY WITH GASKET SURROUNDING BOTH MANHOLE AND FLUID CONDUIT**  
[54] **REGARD AVEC CHUTE DOTE D'UN COUVERCLE D'ETANCHEITE ENTOURANT A LA FOIS LE REGARD ET LA CONDUITE DE LIQUIDES**  
[72] YOAKUM, RANDY H., US  
[71] DURA-CRETE, INC., US  
[22] 1999-12-07  
[43] 2000-06-30  
[30] US (09/224,152) 1998-12-31

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[21] **2,292,002**  
[13] A1  
[51] **Int.Cl. 7B61C 17/12 7B60T 13/66**  
[25] EN  
[54] **ECP TRAIN LINE COMMUNICATIONS FOR RAILWAY FREIGHT CAR BRAKES**  
[54] **COMMUNICATIONS DE LIGNE DE TRAIN ECP POUR FREINS DE WAGONS A MARCHANDISES**  
[72] KULL, ROBERT C., US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1999-12-09  
[43] 2000-06-30  
[30] US (224,543) 1998-12-31

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[21] **2,292,007**  
[13] A1  
[51] **Int.Cl. 7C08J 5/18 7C08F 283/06 7C08G 65/30 7A61L 15/62**  
[25] EN  
[54] **EXTRUDED POLY(ETHYLENE OXIDE) AND FILLER COMPOSITES AND FILMS HAVING ENHANCED DUCTILITY AND BREATHABILITY**  
[54] **POLY(ETHYLENE OXYDE) EXTRUDE ET AGENTS DE CHARGE COMPOSITES ET FEUILLES POSSEDANT UNE TENACITE ET UNE RESPIRABILITE AMELIOREES**  
[72] TOPOLKARAEV, VASILY, US  
[72] WANG, JAMES H., US  
[72] SCHERTZ, DAVID M., US  
[72] SOERENS, DAVE A., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 1999-12-09  
[43] 2000-06-29  
[30] US (60/114,211) 1998-12-29  
[30] US (09/421,818) 1999-10-20

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[21] **2,292,035**  
[13] A1  
[51] **Int.Cl. 7H04L 12/66**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONNECTING A HOME NETWORK TO THE INTERNET**  
[54] **METHODE ET APPAREIL POUR RELIER UN RESEAU A DOMICILE A INTERNET**  
[72] ALLAN, IAN DAVID, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-12-10  
[43] 2000-06-30  
[30] US (09/222,835) 1998-12-30

**Demandes canadiennes mises à la disponibilité du public**  
**25 juin 2000 - 1er juillet 2000**

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[21] **2,292,048**  
[13] A1

[51] **Int.Cl. 7B27F 7/00 7B25C 1/00**  
[25] EN  
[54] **CARRIER STRIP FOR FASTENING ELEMENTS AND A MAGAZINE WITH THE CARRIER STRIP**  
[54] **BANDE PORTEUSE POUR ATTACHES ET MAGASIN AVEC LA BANDE PORTEUSE**  
[72] DAUBINGER, GERD, DE  
[72] VAN EGERAAT, HENDRIK A, SE  
[71] HILTI AKTIENGESELLSCHAFT, LI  
[22] 1999-12-09  
[43] 2000-06-29  
[30] DE (198 60 667.2) 1998-12-29

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[21] **2,292,064**  
[13] A1

[51] **Int.Cl. 7H01P 5/08 7H03B 28/00 7H04B 1/02**  
[25] EN  
[54] **LINE TRANSITION DEVICE BETWEEN DIELECTRIC WAVEGUIDE AND WAVEGUIDE, AND OSCILLATOR AND TRANSMITTER USING THE SAME**  
[54] **DISPOSITIF DE TRANSITION DE LIGNE ENTRE UN GUIDE D'ONDES DIELECTRIQUE, ET UN GUIDE D'ONDES, ET OSCILLATEUR ET EMETTEUR UTILISANT CE MEME DISPOSITIF**  
[72] YAMASHITA, SADA0, JP  
[72] KITAMORI, NOBUMASA, JP  
[72] HIGASHI, KAZUTAKA, JP  
[72] TANIZAKI, TORU, JP  
[72] YAMADA, HIDEAKI, JP  
[71] MURATA MANUFACTURING CO., LTD., JP  
[22] 1999-12-13  
[43] 2000-06-25  
[30] JP (10-369932) 1998-12-25

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[21] **2,292,065**  
[13] A1

[51] **Int.Cl. 7G07B 17/02 7G06K 7/14**  
[25] EN  
[54] **CLOSED SYSTEM METER HAVING ADDRESS CORRECTION CAPABILITIES**  
[54] **MACHINE A AFFRANCHIR A SYSTEME CLOS, DOTEE DE CARACTERISTIQUES DE CORRECTION D'ADRESSE**  
[72] QUINE, DOUGLAS B., US  
[72] CAPELLI, CHRISTOPHER J., US  
[72] NICHOLLS, TIMOTHY J., GB  
[72] ALLPORT, ROBERT W., GB  
[72] KELLY, STEPHEN, GB  
[71] PITNEY BOWES INC., US  
[22] 1999-12-13  
[43] 2000-06-30  
[30] US (09/222,644) 1998-12-30

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[21] **2,292,099**  
[13] A1

[51] **Int.Cl. 7B65D 81/24**  
[25] EN  
[54] **VENTED CONTAINER FOR PRODUCE**  
[54] **CONTENANT AERE POUR LEGUMES**  
[72] POSLINSKI, EDWARD M., US  
[72] GRANER, STEPHEN C., US  
[72] LAIB, DOUGLAS M., US  
[72] COUSINS, MORISON S., US  
[72] DAENEN, ROBERT H.C.M., BE  
[72] FISCHER, LAURENT E., US  
[72] DUSKA, JOSEPH J., US  
[71] DART INDUSTRIES INC., US  
[22] 1999-12-13  
[43] 2000-06-30  
[30] US (09/223,589) 1998-12-30

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[21] **2,292,168**  
[13] A1

[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **DISPOSABLE DIAPER**  
[54] **COUCHE JETABLE**  
[72] OTSUBO, TOSHIFUMI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 1999-12-14  
[43] 2000-06-25  
[30] JP (10-371158) 1998-12-25

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[21] **2,292,169**  
[13] A1

[51] **Int.Cl. 7B60T 15/54**  
[25] EN  
[54] **BRAKE FLUID PRESSURE RETAINING UNIT**  
[54] **DISPOSITIF DE PRESSURISATION DE LIQUIDE DE FREIN**  
[72] MATSUDA, SHOHEI, JP  
[72] SUZUKI, SHOUJI, JP  
[72] EGUCHI, TAKAHIRO, JP  
[72] SUGIMOTO, YOICHI, JP  
[72] FUKAMI, KAZUAKI, JP  
[72] YAMAGUCHI, TETSURO, JP  
[72] SASAGUCHI, MASARU, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 1999-12-15  
[43] 2000-06-25  
[30] JP (10-370249) 1998-12-25

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[21] **2,292,182**  
[13] A1

[51] **Int.Cl. 7H01R 4/38**  
[25] EN  
[54] **SELF-RETAINING SPRING CLIP ASSEMBLY AND AN ELECTRICAL CONNECTION INCORPORATING THE SAME**  
[54] **ATTACHE A RESSORT DE RETENUE ET CONNEXION ELECTRIQUE MUNIE DE CE DISPOSITIF**  
[72] LITTLE, DAVID E., US  
[72] FUNYAK, DAVID C., US  
[72] HELMS, ROGER W., US  
[71] EATON CORPORATION, US  
[22] 1999-12-14  
[43] 2000-06-29  
[30] US (09/222,150) 1998-12-29

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[21] **2,292,183**  
[13] A1

[51] **Int.Cl. 7A61L 29/18 7C08J 7/04 7A61L 29/06 7A61L 27/18**  
[25] EN  
[54] **RADIOPAQUE POLYMER COATING**  
[54] **REVETEMENT POLYMERE OPAQUE AUX RAYONNEMENTS X**  
[72] ONWUMERE, FIDELIS C., US  
[71] ETHICON, INC., US  
[22] 1999-12-06  
[43] 2000-06-30  
[30] US (09/224463) 1998-12-31

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[21] **2,292,184**  
[13] A1

[51] **Int.Cl. 7A61F 2/04**  
[25] EN  
[54] **ENHANCED RADIOPACITY OF PERIPHERAL AND CENTRAL CATHETER TUBING**  
[54] **RADIO-OPACITE ACCRUE DES TUBULURES CENTRALES ET PERIPHERIQUES DES CATHETERS**  
[72] SOLOMON, DONALD D., US  
[72] ONWUMERE, FIDELIS C., US  
[71] ETHICON, INC., US  
[22] 1999-12-06  
[43] 2000-06-30  
[30] US (09/224,443) 1998-12-31

[21] **2,292,189**  
[13] A1

[51] **Int.Cl. 7A61L 29/18 7A61L 27/18**  
[25] EN  
[54] **RADIOPAQUE POLYMER BLEND**  
[54] **SOLUTE DE POLYMERES RADIO-OPAQUE**  
[72] ONWUMERE, FIDELIS C., US  
[71] ETHICON, INC., US  
[22] 1999-12-06  
[43] 2000-06-30  
[30] US (09/224,444) 1998-12-31

[21] **2,292,216**  
[13] A1

[51] **Int.Cl. 7H02B 13/00 7H02B 1/56**  
[25] EN  
[54] **HEAT SINKS FOR CONDUCTORS IN LOW VOLTAGE SWITCHGEAR**  
[54] **DISSIPATEURS DE CHALEUR POUR CONDUCTEURS**  
[54] **D'APPAREILLAGE DE COMMUTATION BASSE TENSION**  
[72] BRUNER, RODNEY WILLIAM, US  
[72] WILKIE, WILLIAM E., II, US  
[71] EATON CORPORATION, US  
[22] 1999-12-14  
[43] 2000-06-29  
[30] US (09/222,151) 1998-12-29

[21] **2,292,245**  
[13] A1

[51] **Int.Cl. 7C11D 3/37**  
[25] EN  
[54] **LAUNDRY ARTICLE WHICH ATTRACTS SOIL AND DYES**  
[54] **ARTICLE DE BUANDERIE QUI ATTIRE LES SALISSURES ET LES TEINTURES**  
[72] CARRIER, ALLEN M., US  
[72] RODRIGUES, KLEIN A., US  
[72] FOSTER, ALVIE L., JR., US  
[72] WEIDNER, IVONNE C., US  
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US  
[22] 1999-12-14  
[43] 2000-06-30  
[30] US (09/223,942) 1998-12-31

[21] **2,292,267**  
[13] A1

[51] **Int.Cl. 7H05K 7/20 7E04B 5/48**  
[25] EN  
[54] **COMPUTER CABINET DESIGN**  
[54] **ENCEINTE POUR ORDINATEUR**  
[72] KOPLIN, EDWARD C., US  
[71] KOPLIN, EDWARD C., US  
[22] 1999-12-16  
[43] 2000-06-30  
[30] US (09/453,799) 1999-12-03  
[30] US (09/223,002) 1998-12-30

[21] **2,292,282**  
[13] A1

[51] **Int.Cl. 7G07B 17/02**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SELECTING AND ACCOUNTING FOR VALUE-ADDED SERVICES WITH A CLOSED SYSTEM METER**  
[54] **SYSTEME ET METHODE DE SELECTION ET DE COMPTABILITE DE SERVICES A VALEUR AJOUTEE A L'AIDE D'UN COMPTEUR A SYSTEME FERME**  
[72] KELLY, STEPHEN, GB  
[72] NICHOLLS, TIMOTHY J., GB  
[72] ALLPORT, ROBERT W., GB  
[72] RYAN, FREDRICK W., JR., US  
[71] PITNEY BOWES INC., US  
[22] 1999-12-10  
[43] 2000-06-30  
[30] US (09/223,116) 1998-12-30

[21] **2,292,283**  
[13] A1

[51] **Int.Cl. 7G07B 17/02**  
[25] EN  
[54] **SYSTEM AND METHOD FOR LINKING AN INDICIUM WITH A MAILPIECE IN A CLOSED SYSTEM POSTAGE METER**  
[54] **SYSTEME ET METHODE DE LIAISON ENTRE UNE EMPREINTE ET DU COURRIER POUR UN COMPTEUR D'AFFRANCHISSEMENT A SYSTEME FERME**  
[72] ALLPORT, ROBERT W., GB  
[72] KELLY, STEPHEN, GB  
[72] NICHOLLS, TIMOTHY J., GB  
[71] PITNEY BOWES INC., US  
[22] 1999-12-10  
[43] 2000-06-30  
[30] US (09/224,255) 1998-12-30

[21] **2,292,309**  
[13] A1

[51] **Int.Cl. 7C01B 39/54 7B01J 29/85**  
[25] EN  
[54] **CONTROLLING THE PARTICLE SIZE AND PARTICLE SIZE DISTRIBUTION IN A PROCESS FOR CONTINUOUS SYNTHESIS OF MOLECULAR SIEVES**  
[54] **CONTROLE DE LA TAILLE DES PARTICULES ET DE LA GRANULOMETRIE DANS UN PROCEDE DE SYNTHESE EN CONTINU DE TAMIS MOLECULAIRES**  
[72] MONSON, LYLE EDWARD, US  
[72] MARCHIoretto, SONU, US  
[72] TANNous, MEDHAT KHALIL, US  
[71] UOP LLC, US  
[22] 1999-12-16  
[43] 2000-06-29  
[30] US (222,109) 1998-12-29

**Demandes canadiennes mises à la disponibilité du public**  
**25 juin 2000 - 1er juillet 2000**

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[21] **2,292,334**  
[13] A1

[51] **Int.Cl. 7C25B 3/00 7C07C 277/08 7C12P 13/08 7C07C 279/14 7C07C 229/26 7C07C 227/40 7C07D 233/64**  
[25] EN  
[54] **A PROCESS FOR PRODUCTION OF AMINO ACID HYDROCHLORIDE AND CAUSTIC VIA ELECTRODIALYSIS WATER SPLITTING**  
[54] **PROCEDE DE PRODUCTION DE CHLORHYDRATE D'ACIDE AMINES ET DE CAUSTIQUE PAR DEIONISATION DE L'EAU AU MOYEN DE L'ELECTRODIALYSE**  
[72] MANI, KRISHNAMURITY N., US  
[71] ARCHER DANIELS MIDLAND COMPANY, US  
[22] 1999-12-15  
[43] 2000-06-30  
[30] US (09/223,054) 1998-12-30

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[21] **2,292,368**  
[13] A1

[51] **Int.Cl. 7G06F 17/30 7H04L 12/46**  
[25] EN  
[54] **DATA SEARCH APPARATUS AND INTERNETWORK RELAY APPARATUS USING DATA SEARCH APPARATUS**  
[54] **APPAREIL DE RECHERCHE DE DONNEES ET APPAREIL DE RELAI INTERRESEAUX UTILISANT LEDIT APPAREIL DE RECHERCHE DE DONNEES**  
[72] KISHIGAMI, TOHRU, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 1999-12-16  
[43] 2000-06-28  
[30] JP (10-373384) 1998-12-28

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[21] **2,292,392**  
[13] A1

[51] **Int.Cl. 7F16L 21/02 7F16L 37/04 7F16L 21/08**  
[25] EN  
[54] **DUCT JOINING SYSTEM**  
[54] **SYSTEME DE RACCORDEMENT DES CONDUITS**  
[72] PROCTOR, JOHN P., US  
[71] PROCTOR, JOHN P., US  
[22] 1999-12-10  
[43] 2000-06-30  
[30] US (09/223,044) 1998-12-30

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[21] **2,292,470**  
[13] A1

[51] **Int.Cl. 7H01H 73/00 7H01H 73/12**  
[25] EN  
[54] **MULTIPLE MICROSWITCH ACTUATION MECHANISM**  
[54] **MECANISME D'ACTIONNEMENT DE MULTIPLES MICROCONTACTS**  
[72] MALONEY, JAMES G., US  
[72] SMIDDLE, RONALD D., US  
[71] EATON CORPORATION, US  
[22] 1999-12-17  
[43] 2000-06-30  
[30] US (09/223,203) 1998-12-30

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[21] **2,292,484**  
[13] A1

[51] **Int.Cl. 7C08J 3/24 7C08K 5/36**  
[25] EN  
[54] **SULFENYL HALIDE POLYMERIZATION TERMINATORS**  
[54] **SOLUTION FINALE PAR POLYMERISATION PAR HALOGENURE AU SULFENYLE**  
[72] ANTKOWIAK, THOMAS A., US  
[72] STAYER, MARK L., JR., US  
[72] LAWSON, DAVID F., US  
[71] BRIDGESTONE/FIRESTONE, INC., US  
[22] 1999-12-10  
[43] 2000-06-30  
[30] US (09/224,328) 1998-12-31

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[21] **2,292,488**  
[13] A1

[51] **Int.Cl. 7F02C 6/18 7F02C 6/14 7F02C 7/22**  
[25] EN  
[54] **WASTE HEAT RECOVERY IN AN ORGANIC ENERGY CONVERTER USING AN INTERMEDIATE LIQUID CYCLE**  
[54] **RECUPERATION DE CHALEUR RESIDUAIRE DANS UN CONVERTISSEUR D'ENERGIE ORGANIQUE AU MOYEN D'UN CYCLE LIQUIDE INTERMEDIAIRE**  
[72] BATSCHA, DANNY, IL  
[72] AMIR, NADAV, IL  
[72] KAPLAN, URI, IL  
[72] BRONICKI, LUCIEN Y., IL  
[71] ORMAT INDUSTRIES LTD., IL  
[22] 1999-12-17  
[43] 2000-06-30  
[30] US (09/224,279) 1998-12-31

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[21] **2,292,679**  
[13] A1

[51] **Int.Cl. 7H04M 11/06 7H04M 3/22**  
[25] EN  
[54] **METHOD, DEVICE FOR DETECTING THE CALLING OF A TELEPHONE AND MODEM INCLUDING SUCH A DEVICE**  
[54] **METHODE, DISPOSITIF POUR DETECTER L'APPEL D'UN TELEPHONE ET LE MODEM QUI COMPORTE CE DISPOSITIF**  
[72] LORIN, CHRISTOPHE, FR  
[72] BRUDER, BERTRAND, FR  
[71] THOMSON MULTIMEDIA, FR  
[22] 1999-12-17  
[43] 2000-06-30  
[30] FR (9816740) 1998-12-31

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[21] **2,292,683**  
[13] A1

[51] **Int.Cl. 7B65D 5/496 7B31F 1/08**  
[25] EN  
[54] **FOLDABLE U-SHAPED PROFILE, ITS MANUFACTURING PROCESS AND INSTALLATION FOR EMBODIMENT OF THE PROCESS**  
[54] **PROFIL PLIABLE EN FORME DE U, PROCEDE DE FABRICATION ET INSTALLATION POUR LA MISE EN OEUVRE DU PROCEDE**  
[72] VAN DE VEN, JACQUES, CH  
[72] HEERTJES, HANNES, NL  
[72] BIRKEL, THIERRY, FR  
[71] ITW LITEC FRANCE, FR  
[22] 1999-12-17  
[43] 2000-06-28  
[30] FR (9816494) 1998-12-28

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[21] **2,292,731**  
[13] A1

[51] **Int.Cl. 7A63C 17/14**  
[25] EN  
[54] **BRAKING DEVICE PARTICULARLY FOR SKATES**  
[54] **DISPOSITIF DE FREINAGE PARTICULIEREMENT ADAPTE AUX PATINS**  
[72] GORZA, ROBERTO, IT  
[72] VENDRAMIN, NICOLA, IT  
[71] BENETTON GROUP S.P.A., IT  
[22] 1999-12-20  
[43] 2000-06-30  
[30] IT (TV98A000167) 1998-12-30  
[30] IT (TV99U000016) 1999-03-24

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[21] **2,292,732**  
[13] A1  
[51] **Int.Cl. 7D06F 37/00 7F24C 15/00  
7D06F 39/00 7F24C 7/08 7D06F 58/20  
7D06F 58/28**  
[25] EN  
[54] **AN APPLIANCE CONSOLE  
INCLUDING A GLASS TOUCH SENSOR  
CONTROL PANEL BORDERED BY A  
ONE-PIECE PLASTIC  
ENCAPSULATION**  
[54] **CONSOLE D'ELECTROMENAGER  
MUNI D'UN TABLEAU DE  
COMMANDE EN VERRE A CAPTEURS  
TACTILES LOGES DANS UN MOULE  
EN PLASTIQUE MONOPIECE**  
[72] MARCHAND, BRIAN F., CA  
[71] GEMTRON CORPORATION, US  
[22] 1999-12-20  
[43] 2000-06-30  
[30] US (09/223,309) 1998-12-30

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[21] **2,292,804**  
[13] A1  
[51] **Int.Cl. 7A23N 12/04 7A23B 7/06  
7A23L 1/16 7A23L 1/39 7A23L 2/46**  
[25] EN  
[54] **PRESSURIZED ROTARY  
BLANCHER AND METHOD OF  
OPERATION**  
[54] **BLANCHEUR PRESSURISE  
ROTATOIRE ET MODE  
D'UTILISATION**  
[72] ZITTEL, DAVID R., US  
[71] ZITTEL, DAVID R., US  
[22] 1999-12-22  
[43] 2000-06-30  
[30] US (09/222,969) 1998-12-30

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[21] **2,292,809**  
[13] A1  
[51] **Int.Cl. 7H01R 43/00**  
[25] EN  
[54] **METHOD OF MANUFACTURING  
AN EXTENDED HEIGHT INSULATIVE  
HOUSING FOR AN ELECTRICAL  
CONNECTOR**  
[54] **METHODE DE FABRICATION  
D'UN BOITIER ISOLANT DE GRANDE  
HAUTEUR POUR CONNECTEUR  
ELECTRIQUE**  
[72] REILAND, KEITH F., US  
[72] TEKELY, PATRICK F., US  
[71] BERG TECHNOLOGY, INC., US  
[22] 1999-12-22  
[43] 2000-06-30  
[30] US (09/224,383) 1998-12-31

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[21] **2,292,811**  
[13] A1  
[51] **Int.Cl. 7H01R 9/22 7H01R 13/46**  
[25] EN  
[54] **PRESS FIT SCA CONNECTOR**  
[54] **CONNECTEUR A AJUSTEMENT  
PRESSE SCA**  
[72] DAVID, JAMES J., US  
[72] RAISTRICK, ALAN, US  
[72] WEIGARD, WAYNE G., US  
[71] BERG TECHNOLOGY, INC., US  
[22] 1999-12-22  
[43] 2000-06-30  
[30] US (09/224,140) 1998-12-31

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[21] **2,292,831**  
[13] A1  
[51] **Int.Cl. 7H02B 1/30 7H02B 13/00**  
[25] EN  
[54] **SWITCHGEAR ASSEMBLY WITH  
REMOVABLE CELL DOOR COVER**  
[54] **APPAREILLAGE DE  
COMMUTATION AVEC COUVERCLE  
AMOVIBLE AUX PORTES DE  
CELLULES**  
[72] SCOTT, MARLYCE J., US  
[72] YANNIELLO, ROBERT, US  
[71] EATON CORPORATION, US  
[22] 1999-12-17  
[43] 2000-06-30  
[30] US (09/223,194) 1998-12-30

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[21] **2,292,833**  
[13] A1  
[51] **Int.Cl. 7F15B 11/028 7F15B 13/043**  
[25] EN  
[54] **TORQUE CONTROL MEANS FOR  
HYDRAULIC MOTOR**  
[54] **LIMITEUR DE TORSION POUR  
MOTEUR HYDRAULIQUE**  
[72] ROGERS, JOHN W., US  
[71] ROGERS, JOHN W., US  
[22] 1999-12-20  
[43] 2000-06-30  
[30] US (09/224,160) 1998-12-31

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[21] **2,292,854**  
[13] A1  
[51] **Int.Cl. 7H01R 9/22 7H01R 43/00**  
[25] EN  
[54] **HIGH SPEED CONNECTOR AND  
METHOD OF MAKING SAME**  
[54] **CONNECTEUR HAUTE VITESSE  
ET METHODE DE FABRICATION**  
[72] VAN ZANTEN, ALBERTUS, NL  
[71] BERG TECHNOLOGY, INC., US  
[22] 1999-12-21  
[43] 2000-06-28  
[30] US (09/221,511) 1998-12-28

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[21] **2,292,859**  
[13] A1  
[51] **Int.Cl. 7H04L 27/38**  
[25] EN  
[54] **DEMODULATOR  
ARRANGEMENT, METHOD TO  
DEMODULATE, AND  
TELECOMMUNICATION SYSTEM  
COMPRISING SUCH A  
DEMODULATOR ARRANGEMENT**  
[54] **CONFIGURATION DE  
DEMODULATEUR, METHODE DE  
DEMODULATION ET SYSTEME DE  
TELECOMMUNICATIONS  
INTEGRANT CETTE  
CONFIGURATION DE  
DEMODULATEUR**  
[72] HASPESLAGH, JOHAN JOSEPH  
GUSTAAF, BE  
[72] VANDENABEELE, PETER MICHEL  
NOEL, BE  
[71] ALCATEL, FR  
[22] 1999-12-21  
[43] 2000-06-29  
[30] EP (98403327.4) 1998-12-29

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[21] **2,292,919**  
[13] A1

[51] **Int.Cl. 7H04L 12/56**  
[25] FR  
[54] **PROCEDE DE RESEQUENCEMENT DE BLOCS DE DONNEES, DANS UN SYTEME DE COMMUTATION ASYNCHRONE, BLOCS DE DONNEES, ELEMENT DE COMMUTATION ET MODULE TERMINAL CORRESPONDANTS**  
[54] **PROCESS FOR RESEQUENCING DATA BLOCKS, IN AN ASYNCHRONOUS SWITCHING SYSTEM, DATA BLOCKS, AND ASSOCIATED SWITCHING COMPONENT AND TERMINAL MODULE**  
[72] HENRION, MICHEL, BE  
[71] ALCATEL, FR  
[22] 1999-12-17  
[43] 2000-06-30  
[30] FR (98 16 708) 1998-12-31

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[21] **2,292,928**  
[13] A1

[51] **Int.Cl. 7B41L 47/58 7B43M 3/04 7B41L 47/26**  
[25] EN  
[54] **PRODUCTION MAIL SYSTEM HAVING SUBSIDIES FOR PRINTING OF THIRD PARTY MESSAGES ON MAILPIECES**  
[54] **SYSTEME DE PRODUCTION DE COURRIER SUBVENTIONNE PAR L'IMPRESSION DE MESSAGES DE COMMANDITAIRES SUR LE COURRIER**  
[72] RYAN, FREDERICK W., JR., US  
[71] PITNEY BOWES INC., US  
[22] 1999-12-22  
[43] 2000-06-30  
[30] US (09/223643) 1998-12-30

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[21] **2,292,931**  
[13] A1

[51] **Int.Cl. 7B41L 47/58 7H04L 12/16**  
[25] EN  
[54] **POSTAGE PRINTING SYSTEM HAVING SUBSIDIZED PRINTING OF THIRD PARTY MESSAGES**  
[54] **SYSTEME D'AFFRANCHISSEMENT DU COURRIER SUBVENTIONNE PAR L'IMPRESSION DE MESSAGES COMMANDITES**  
[72] HEIDEN, RICHARD W., US  
[72] PIERCE, JEFFREY D., US  
[72] KAYE, STEVEN M., US  
[72] RYAN, FREDERICK W., JR., US  
[71] PITNEY BOWES INC., US  
[22] 1999-12-22  
[43] 2000-06-30  
[30] US (09/224256) 1998-12-30

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[21] **2,292,932**  
[13] A1

[51] **Int.Cl. 7B41L 47/58 7G07B 1/00 7G11B 23/00 7H04L 12/16**  
[25] EN  
[54] **POSTAGE PRINTING SYSTEM HAVING A DIGITAL COUPON DISTRIBUTION SYSTEM**  
[54] **SYSTEME D'IMPRESSION DES FRAIS D'AFFRANCHISSEMENT PAR DISTRIBUTION DE COUPONS NUMERIQUES**  
[72] HEIDEN, RICHARD W., US  
[71] PITNEY BOWES INC., US  
[22] 1999-12-22  
[43] 2000-06-30  
[30] US (09/224238) 1998-12-30

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[21] **2,292,935**  
[13] A1

[51] **Int.Cl. 7H01C 7/13 7H02H 9/02**  
[25] EN  
[54] **CURRENT LIMITING DEVICE WITH REDUCED RESISTANCE**  
[54] **LIMITEUR DE COURANT PAR REDUCTION DE LA RESISTANCE**  
[72] DJORDJEVIC, MIOMIR B., US  
[71] EATON CORPORATION, US  
[22] 1999-12-22  
[43] 2000-06-30  
[30] US (09/224,464) 1998-12-31

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[21] **2,292,938**  
[13] A1

[51] **Int.Cl. 7B41L 47/58 7G07B 17/02 7H04L 12/16**  
[25] EN  
[54] **POSTAGE PRINTING SYSTEM HAVING VARIABLE SUBSIDIES FOR PRINTING OF THIRD PARTY MESSAGES**  
[54] **SYSTEME D'IMPRESSION DES FRAIS D'AFFRANCHISSEMENT A SUBVENTIONS VARIABLES POUR L'IMPRESSION DE MESSAGES COMMANDITES**  
[72] PIERCE, JEFFREY D., US  
[72] KAYE, STEVEN M., US  
[71] PITNEY BOWES INC., US  
[22] 1999-12-22  
[43] 2000-06-30  
[30] US (09/223504) 1998-12-30

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[21] **2,292,940**  
[13] A1

[51] **Int.Cl. 7H04B 7/005**  
[25] EN  
[54] **MICROWAVE EQUALISER WITH INTERNAL AMPLITUDE CORRECTION**  
[54] **EGALISATEUR A MICRO-ONDES AVEC CORRECTION DE L'AMPLITUDE INTERNE**  
[72] DELGADO CABELLO, SILVIA, ES  
[72] HIDALGO CARPINTERO, ISIDRO, ES  
[72] CACERES ARMENDARIZ, JOSÉ LUIS, ES  
[71] ALCATEL, FR  
[22] 1999-12-22  
[43] 2000-06-28  
[30] EP (9802694) 1998-12-28

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[21] **2,292,941**  
[13] A1

[51] **Int.Cl. 7C07C 31/20 7C07C 29/141 7C07C 31/18**  
[25] EN  
[54] **HYDROGENATION OF ALDEHYDES**  
[54] **HYDROGENATION DES ALDEHYDES**  
[72] WAHL, PETER, DE  
[72] ELLER, KARSTEN, DE  
[72] PINKOS, ROLF, DE  
[71] WAHL, PETER, DE  
[71] ELLER, KARSTEN, DE  
[71] PINKOS, ROLF, DE  
[22] 1999-12-22  
[43] 2000-06-28  
[30] DE (19860489.0) 1998-12-28



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[21] **2,292,942**  
[13] A1

[51] **Int.Cl. 7H04Q 3/52**  
[25] EN  
[54] **OPTICAL CHANNEL CROSS CONNECT FOR TELECOMMUNICATION SYSTEMS IN WDM TECHNOLOGY (WAVELENGTH DIVISION MULTIPLEXING) HAVING A DOUBLE SPATIAL SWITCHING STRUCTURE OF OPTICAL FLOWS STRICTLY NOT BLOCKING AND INTERPOSED FUNCTIONAL UNITS OPERATING ON SINGLE CHANNELS**  
[54] **INTERCONNEXION DE CANAL OPTIQUE POUR LES SYSTEMES DE TELECOMMUNICATIONS DE TECHNOLOGIE MLO (MULTIPLEXAGE EN LONGUEUR D'ONDE) AYANT UNE STRUCTURE DE COMMUTATION SPATIALE DOUBLE DE FLUX OPTIQUES STRICTEMENT NON-BLOQUANT ET D'UNITES FONCTIONNELLES INTERPOSEES SUR DES CANAUX SIMPLES**  
[72] BRUNAZZI, STEFANO, IT  
[72] ROTOLO, SALVATORE, IT  
[71] BRUNAZZI, STEFANO, IT  
[71] ROTOLO, SALVATORE, IT  
[22] 1999-12-22  
[43] 2000-06-28  
[30] EP (98830787.2) 1998-12-28

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[21] **2,292,943**  
[13] A1

[51] **Int.Cl. 7A43B 13/12 7A43B 3/00**  
[25] EN  
[54] **PROTECTIVE BOOT AND SOLE STRUCTURE**  
[54] **BOTTE DE PROTECTION ET STRUCTURE DE SEMELLE**  
[72] VAZ, GUY ANDREW, SG  
[71] VAZ, GUY ANDREW, SG  
[22] 1999-12-22  
[43] 2000-06-29  
[30] SG (9804838-2) 1998-12-29

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[21] **2,292,985**  
[13] A1

[51] **Int.Cl. 7C03B 37/018**  
[25] EN  
[54] **PROCESS FOR PRODUCING SILICA BY DECOMPOSITION OF AN ORGANOSILANE**  
[54] **PROCEDE POUR PRODUIRE DE LA SILICE PAR LA DECOMPOSITION D'UN ORGANOSILANE**  
[72] ARIMONDI, MARCO, IT  
[72] ROBA, GIACOMO STEFANO, IT  
[71] PIRELLI CAVIE E SISTEMI S.P.A., IT  
[22] 1999-12-21  
[43] 2000-06-28  
[30] EP (98 830786.4) 1998-12-28

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[21] **2,293,016**  
[13] A1

[51] **Int.Cl. 7C10L 1/08**  
[25] EN  
[54] **BASE FUEL OIL FOR DIESEL FUEL OIL AND DIESEL FUEL OIL COMPOSITION COMPRISING THE SAME**  
[54] **MAZOUT DE BASE POUR COMBUSTIBLES DIESELS ET COMPOSITION DE COMBUSTIBLE DIESEL CONTENANT CE PRODUIT**  
[72] NAMİYAMA, KAZUYOSHI, JP  
[72] OHMORI, NORIAKI, JP  
[72] MURAKAMI, KAZUYUKI, JP  
[71] TONEN CORPORATION, JP  
[22] 1999-12-17  
[43] 2000-06-25  
[30] JP (369428/98) 1998-12-25

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[21] **2,293,018**  
[13] A1

[51] **Int.Cl. 7C07D 239/54 7A01N 43/54**  
[25] EN  
[54] **OPTICALLY ACTIVE URACIL COMPOUNDS**  
[54] **COMPOSES D'URACILE OPTIQUEMENT ACTIFS**  
[72] SANEMITSU, YUZURU, JP  
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP  
[22] 1999-12-21  
[43] 2000-06-25  
[30] JP (10-370828) 1998-12-25  
[30] JP (11-055560) 1999-03-03

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[21] **2,293,025**  
[13] A1

[51] **Int.Cl. 7C09D 5/44 7C25D 13/06**  
[25] EN  
[54] **CATIONIC ELECTRODEPOSITION COATING COMPOSITION**  
[54] **COMPOSITION DE REVETEMENT PAR ELECTRODEPOSITION CATIONIQUE**  
[72] KAWAKAMI, ICHIRO, JP  
[72] UCHIDOI, SATORU, JP  
[72] SAITO, TAKAO, JP  
[72] TAKESHITA, SHO, JP  
[72] SAKAMOTO, HIROYUKI, JP  
[71] NIPPON PAINT CO., LTD., JP  
[22] 1999-12-17  
[43] 2000-06-28  
[30] JP (10-372492) 1998-12-28

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[21] **2,293,026**  
[13] A1

[51] **Int.Cl. 7C09D 5/44 7C25D 13/06**  
[25] EN  
[54] **CATIONIC ELECTRODEPOSITION COATING COMPOSITION, METHOD FOR FORMING DOUBLE-LAYER COATINGS AND DOUBLE-LAYER COATINGS**  
[54] **COMPOSITION DE REVETEMENT PAR ELECTRODEPOSITION CATIONIQUE, METHODE DE FORMATION DE REVETEMENTS A DOUBLE COUCHE ET REVETEMENTS A DOUBLE COUCHE**  
[72] SAITO, TAKAO, JP  
[72] UCHIDOI, SATORU, JP  
[72] KAWAKAMI, ICHIRO, JP  
[72] SAKAMOTO, HIROYUKI, JP  
[72] TAKESHITA, SHO, JP  
[71] NIPPON PAINT CO., LTD., JP  
[22] 1999-12-17  
[43] 2000-06-28  
[30] JP (10-372491) 1998-12-28

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[21] **2,293,027**  
[13] A1

[51] **Int.Cl. 7C25D 13/06 7C09D 5/44**  
[25] EN  
[54] **METHOD FOR FORMING DOUBLE-LAYER COATINGS, METHOD FOR FORMING MULTILAYER COATINGS, AND MULTILAYER COATINGS**  
[54] **METHODE DE FORMATION DE REVETEMENTS A DOUBLE COUCHE, METHODE DE FORMATION DE REVETEMENTS A COUCHES MULTIPLES ET REVETEMENTS A COUCHES MULTIPLES**  
[72] UCHIDOI, SATORU, JP  
[72] SAKAMOTO, HIROYUKI, JP  
[72] TAKESHITA, SHO, JP  
[72] SAITO, TAKAO, JP  
[72] KAWAKAMI, ICHIRO, JP  
[71] NIPPON PAINT CO., LTD., JP  
[22] 1999-12-17  
[43] 2000-06-28  
[30] JP (10-372493) 1998-12-28

[21] **2,293,037**  
[13] A1

[51] **Int.Cl. 7A47J 37/12 7A23L 1/01**  
[25] EN  
[54] **IMPROVED BREADED PRODUCTS FRYER**  
[54] **FRITEUSE DE PRODUITS PANES AMELIOREE**  
[72] BEITSAYADEH, CARL, US  
[72] CARIDIS, ANDREW A., US  
[72] MURGEL, LEONARDO P., US  
[72] SYLVESTER, JOHN, US  
[71] HEAT & CONTROL, INC., US  
[22] 1999-12-22  
[43] 2000-06-29  
[30] US (09/222,547) 1998-12-29

[21] **2,293,042**  
[13] A1

[51] **Int.Cl. 7B32B 3/26 7B32B 15/01**  
[25] EN  
[54] **THE SHEET LAYERED STRUCTURAL MATERIAL**  
[54] **MATERIAU STRUCTUREL A COUCHES FEUILLETEES**  
[72] TORITSYN, IGOR VALERIEVICH, RU  
[72] MISNIK, GALINA IVANOVNA, RU  
[71] ZAKRYTOE AKTSIONERNOE OBSHESTVO "INTELLEKT", RU  
[22] 1999-12-23  
[43] 2000-06-25  
[30] RU (98123342) 1998-12-25

[21] **2,293,043**  
[13] A1

[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **DISPOSABLE DIAPER**  
[54] **COUCHE JETABLE**  
[72] SHIMADA, TAKAAKI, JP  
[72] SUZUKI, SEIJI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 1999-12-22  
[43] 2000-06-28  
[30] JP (10-374169) 1998-12-28

[21] **2,293,048**  
[13] A1

[51] **Int.Cl. 7A61L 2/28**  
[25] EN  
[54] **STERILIZATION PROCESS USING SMALL AMOUNT OF STERILANT TO DETERMINE THE LOAD**  
[54] **PROCEDE DE STERILISATION UTILISANT DE FAIBLES DOSES DE STERILISANT POUR DETERMINER LA CHARGE**  
[72] JACOBS, PAUL T., US  
[72] LIN, SZU-MIN, US  
[72] WANG, JENN-HANN, US  
[71] ETHICON, INC., US  
[22] 1999-12-22  
[43] 2000-06-30  
[30] US (09/223,125) 1998-12-30

[21] **2,293,052**  
[13] A1

[51] **Int.Cl. 7H04R 1/10**  
[25] EN  
[54] **MINIMAL CONTACT REPLACEABLE ACOUSTIC COUPLER**  
[54] **ADAPTATEUR ACOUSTIQUE AMOVIBLE A CONTACT MINIMAL**  
[72] ROUW, SCOTT, US  
[72] BROWN, JOSEPH, US  
[72] ANDERSON, GREGORY F., US  
[71] DECIBEL INSTRUMENTS, INC., US  
[22] 1999-12-22  
[43] 2000-06-30  
[30] US (09/224,817) 1998-12-30

[21] **2,293,057**  
[13] A1

[51] **Int.Cl. 7A61B 17/04**  
[25] EN  
[54] **SUTURE LOCKING DEVICE**  
[54] **DISPOSITIF DE FIXATION DES SUTURES**  
[72] SCHWARTZ, HERBERT E., US  
[72] HUBBARD, ERIC, US  
[72] MARGETTS, JOHN, US  
[72] DENLINGER, KEITH, US  
[72] FROMM, STUART E., US  
[72] ENZERINK, ROBERT-JAN, US  
[72] COX, DAVID, US  
[72] MAY, THOMAS C., US  
[71] DEPUY ORTHOPAEDICS, INC., US  
[22] 1999-12-23  
[43] 2000-06-30  
[30] US (60/114,170) 1998-12-30

[21] **2,293,069**  
[13] A1

[51] **Int.Cl. 7B29D 11/00 7G02C 7/04**  
[25] EN  
[54] **PROCESS OF MANUFACTURING CONTACT LENSES IN AMBIENT ENVIRONMENT**  
[54] **PROCEDE DE FABRICATION DE VERRES DE CONTACT DANS L'ENVIRONNEMENT AMBIANT**  
[72] ENNS, JOHN B., US  
[72] KINDT-LARSEN, TURE, DK  
[72] CALVIN, OLIN W., US  
[71] JOHNSON & JOHNSON VISION PRODUCTS, INC., US  
[22] 1999-12-23  
[43] 2000-06-28  
[30] US (09/222,266) 1998-12-28

[21] **2,293,071**  
[13] A1

[51] **Int.Cl. 7B41L 47/58 7B43M 3/04**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SUBSIDIZED PRINTING OF THIRD PARTY COUPONS FOR INSERTION INTO A SPECIFIC MAILPIECE**  
[54] **SYSTEME ET METHODE D'IMPRESSION COMMANDITE DE COUPONS A INSERER DANS UN COURRIER PARTICULIER**  
[72] HEIDEN, RICHARD W., US  
[71] PITNEY BOWES INC., US  
[22] 1999-12-22  
[43] 2000-06-30  
[30] US (09/222642) 1998-12-30

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[21] **2,293,075**  
[13] A1  
[51] **Int.Cl. 7F16D 7/02 7F16C 32/00**  
**7F16D 3/14 7F16C 19/22**  
[25] EN  
[54] **FRICITION RESISTANCE**  
**GENERATOR**  
[54] **GENERATRICE DE RESISTANCE**  
**AU FROTTEMENT**  
[72] MIMURA, KENJI, JP  
[72] YAMAJI, IPPEI, JP  
[71] GAEA TECH CORPORATION, JP  
[22] 1999-12-23  
[43] 2000-06-28  
[30] JP (H10-372599) 1998-12-28  
[30] JP (H11-073624) 1999-03-18

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[21] **2,293,079**  
[13] A1  
[51] **Int.Cl. 7H03M 13/41**  
[25] EN  
[54] **DATA ERROR CORRECTION**  
**SYSTEM**  
[54] **SYSTEME DE CORRECTION DES**  
**ERREURS CONTENUES DANS LES**  
**DONNEES**  
[72] TODOROKI, TOSHIYA, JP  
[71] NEC CORPORATION, JP  
[22] 1999-12-23  
[43] 2000-06-28  
[30] JP (10-374503) 1998-12-28

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[21] **2,293,081**  
[13] A1  
[51] **Int.Cl. 7A61K 31/727 7A61P 9/00**  
**7A61K 31/737**  
[25] EN  
[54] **RESTENOSIS DRUG THERAPY**  
[54] **TRAITEMENT MEDICAMENTEUX**  
**DE LA RESTENOSE**  
[72] LASTER, GAIL, IL  
[71] LAKARO BIOPHARMACEUTICAL,  
INC., IL  
[22] 1999-12-23  
[43] 2000-06-29  
[30] IL (127826) 1998-12-29

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[21] **2,293,083**  
[13] A1  
[51] **Int.Cl. 7B08B 11/02 7A47L 15/50**  
[25] EN  
[54] **APPARATUS FOR RETAINING**  
**PLASTIC BAGS DURING WASHING**  
[54] **APPAREIL MAINTENANT**  
**OUVERT LES SACS EN PLASTIQUE**  
**PENDANT LEUR LAVAGE**  
[72] BROWN, JOHN D., US  
[71] BROWN, JOHN D., US  
[22] 1999-12-23  
[43] 2000-06-29  
[30] US (09/222218) 1998-12-29

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[21] **2,293,088**  
[13] A1  
[51] **Int.Cl. 7C11B 5/00 7A61P 3/02 7A61K**  
**31/232 7A23L 1/30**  
[25] EN  
[54] **METHOD AND COMPOSITION**  
**FOR MASKING TASTE AND ODOR**  
**FROM FISH OIL**  
[54] **METHODE ET COMPOSITION**  
**POUR MASQUER LE GOUT ET**  
**L'ODEUR DE L'HUILE DE POISSON**  
[72] QUINLAN, LIONEL LEROY, CA  
[71] QUINLAN, LIONEL LEROY, CA  
[22] 1999-12-23  
[43] 2000-06-28  
[30] US (09/222,297) 1998-12-28

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[21] **2,293,099**  
[13] A1  
[51] **Int.Cl. 7H01R 4/66 7H01R 12/30**  
**7H01R 13/646**  
[25] EN  
[54] **EARTH GROUND TERMINAL**  
[54] **BORNE DE MISE A LA TERRE**  
[72] KUMATANI, IZURU, JP  
[71] THOMAS & BETTS  
INTERNATIONAL, INC., US  
[22] 1999-12-23  
[43] 2000-06-25  
[30] JP (369267/1998) 1998-12-25

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[21] **2,293,110**  
[13] A1  
[51] **Int.Cl. 7H01L 23/48**  
[25] EN  
[54] **CONDUCTIVE ELASTOMER**  
**INTERCONNECT**  
[54] **INTERCONNEXION PAR**  
**ELASTOMERES CONDUCTEURS**  
[72] CROTZER, DAVID R., US  
[72] GOODWIN, JONATHAN W., US  
[72] MICHAUD, ARTHUR G., US  
[72] DeDONATO, DAVID A., US  
[71] THOMAS & BETTS  
INTERNATIONAL, INC., US  
[22] 1999-12-23  
[43] 2000-06-29  
[30] US (222,137) 1998-12-29

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[21] **2,293,113**  
[13] A1  
[51] **Int.Cl. 7C22B 21/06 7C22B 9/00**  
**7C22C 21/00**  
[25] EN  
[54] **METHOD FOR REFINING**  
**MOLTEN ALUMINUM ALLOY, AND**  
**FLUX FOR REFINING MOL TEN**  
**ALUMINUM ALLOY**  
[54] **METHODE D'AFFINAGE D'UN**  
**ALLIAGE D'ALUMINIUM FONDU, ET**  
**FLUX POUR L'AFFINAGE D'UN**  
**ALLIAGE D'ALUMINIUM FONDU**  
[72] KITANO, TAKAYUKI, JP  
[72] FUJISAWA, KAZUHISA, JP  
[72] OSUMI, KENJI, JP  
[71] KABUSHIKI KAISHA KOBE SEIKO  
SHO (KOBE STEEL, LTD.), JP  
[22] 1999-12-23  
[43] 2000-06-25  
[30] JP (10-370427) 1998-12-25  
[30] JP (11-352813) 1999-12-13

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[21] **2,293,120**  
[13] A1

[51] **Int.Cl. 7B01J 29/08 7C10G 11/05**  
[25] EN  
[54] **GASOLINE SULFUR REDUCTION IN FLUID CATALYTIC CRACKING**  
[54] **REDUCTION DU SOUFFRE DANS LE CRAQUAGE CATALYTIQUE DES LIQUIDES**  
[72] ZIEBARTH, MICHAEL S., US  
[72] CHESTER, ARTHUR W., US  
[72] ZHAO, XINJIN, US  
[72] ROBERIE, TERRY G., US  
[72] CHENG, WU-CHENG, US  
[72] TIMKEN, HYE KYUNG CHO, US  
[72] PURNELL, SCOTT KEVIN, US  
[71] MOBIL OIL CORPORATION, US  
[71] W.R. GRACE & CO.-CONN., US  
[22] 1999-12-24  
[43] 2000-06-28  
[30] US (09/221,539) 1998-12-28  
[30] US (09/221,540) 1998-12-28

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[21] **2,293,121**  
[13] A1

[51] **Int.Cl. 7B32B 3/26 7B32B 15/01**  
[25] EN  
[54] **A SHEET STRUCTURAL MATERIAL**  
[54] **MATERIAU STRUCTUREL FEUILLETE**  
[72] PLYASHKOV, MIKHAIL IVANOVICH, RU  
[72] TORITSYN, IGOR VALERIEVICH, RU  
[71] ZAKRYTOE AKTSIONERNOE OBSHESTVO "INTELLEKT", RU  
[22] 1999-12-23  
[43] 2000-06-25  
[30] RU (98123334) 1998-12-25

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[21] **2,293,124**  
[13] A1

[51] **Int.Cl. 7C08F 230/08 7C09D 143/04 7C09D 5/16**  
[25] EN  
[54] **SILYL (METH) ACRYLATE COPOLYMERS, PROCESSES FOR PREPARING THE SAME, ANTIFOULING PAINT COMPOSITIONS CONTAINING THE SILYL (METH) ACRYLATE COPOLYMERS, ANTIFOULING COATING FILMS FORMED FROM THE ANTIFOULING PAINT COMPOSITIONS. ANTIFOULING METHODS USING THE ANTIFOULING PAINT COMPOSITIONS, AND HULLS OR UNDERWATER STRUCTURES COATED WITH THE ANTIFOULING COATING FILMS**  
[54] **COPOLYMERES DE SILYL (METH) ACRYLATE, PROCEDES DE FABRICATION, PEINTURE ANTISALISSURES CONTENANT LES COPOLYMERES DE SILYL (METH) ACRYLATE, PELLICULES DE REVETEMENT FORMEES A PARTIR DE LA PEINTURE ANTISALISSURES. METHODES ANTISALISSURES UTILISANT LESDITES PEINTURES ET COQUES OU STRUCTURES IMMERGEES REVETUES DES PELLICULES DE REVETEMENT ANTISALISSURES**  
[72] OYA, MASA AKI, JP  
[72] HIKIJI, YASUTO, JP  
[72] HAMAZU, FUMIO, JP  
[72] YOSHIKAWA, EIICHI, JP  
[72] ARIMURA, HIDETAKA, JP  
[72] NAKAMURA, NAOYA, JP  
[72] TSUBOI, MAKOTO, JP  
[72] KOZONO, YUKIO, JP  
[72] HIYOSHI, SATOSHI, JP  
[71] CHUGOKU MARINE PAINTS, LTD., JP  
[22] 1999-12-24  
[43] 2000-06-28  
[30] JP (374875/1998) 1998-12-28  
[30] JP (374876/1998) 1998-12-28  
[30] JP (4372/1999) 1999-01-11  
[30] JP (133184/1999) 1999-05-13  
[30] JP (133307/1999) 1999-05-13

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[21] **2,293,125**  
[13] A1

[51] **Int.Cl. 7A01N 31/08 7A01N 53/02 7A01N 47/10 7A01N 57/10 7A01N 43/50 7A01N 43/78**  
[25] EN  
[54] **CHEMICAL FORMULATIONS FOR INCORPORATION INTO ADHESIVES USED IN THE PRODUCTION OF WOODEN MATERIALS OR WOOD COMPOSITES**  
[54] **FORMULATIONS CHIMIQUES A ETRE INCORPOREES DANS DES ADHESIFS UTILISES DANS LA PRODUCTION DE MATERIAUX EN BOIS OU DE COMPOSITES DU BOIS**  
[72] JAETSCH, THOMAS, DE  
[72] KATSUZAWA, YOSHINAGA, JP  
[72] FUSHIKI, SEIKO, JP  
[72] SAITO, TAKANOBU, JP  
[71] KEMIHOLZ CO., LTD., JP  
[71] BAYER AG, DE  
[71] OSHIKA SHINKO CO., LTD., JP  
[22] 1999-12-24  
[43] 2000-06-28  
[30] JP (HEI 10 376942) 1998-12-28

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[21] **2,293,127**  
[13] A1

[51] **Int.Cl. 7H04L 12/16**  
[25] EN  
[54] **AN APPARATUS AND METHOD FOR DETERMINING A PROGRAM NEIGHBORHOOD FOR A CLIENT NODE IN A CLIENT-SERVER NETWORK USING MARKUP LANGUAGE TECHNIQUES**  
[54] **APPAREIL ET METHODE SERVANT A DETERMINER LE VOISINAGE LOGICIEL D'UN NOEUD DE CLIENT DANS UN RESEAU CLIENT-SERVEUR FAISANT APPEL AUX TECHNIQUES DE LANGAGE DE BALISAGE**  
[72] DAVIS, TOM C., III, US  
[72] UNGERMAN, ANTHONY, US  
[72] PEDERSEN, BRADLEY JAY, US  
[72] BLOOMFIELD, MARC A., US  
[72] CIRALDO, ROBERT, US  
[72] PANASYUK, ANATOLIY, AU  
[72] DUURSMA, MARTIN, AU  
[71] CITRIX SYSTEMS, INC., US  
[22] 1999-12-24  
[43] 2000-06-29  
[30] US (60/114,099) 1998-12-29  
[30] US (09/252,391) 1999-02-18  
[30] US (09/390,928) 1999-09-07

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June 25, 2000 - July 1st, 2000

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[21] **2,293,128**  
[13] A1  
[51] **Int.Cl. 7G01R 29/08 7G01R 29/10 7G01S 3/46**  
[25] EN  
[54] **RADIO WAVE ENVIRONMENT ANALYZER**  
[54] **ANALYSEUR D'ONDES RADIOELECTRIQUES**  
[72] KUWAHARA, YOSHIHIKO, JP  
[71] NEC CORPORATION, JP  
[22] 1999-12-24  
[43] 2000-06-28  
[30] JP (10-372767) 1998-12-28

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[21] **2,293,129**  
[13] A1  
[51] **Int.Cl. 7F25J 3/02**  
[25] EN  
[54] **CRYOGENIC RECTIFICATION SYSTEM WITH HYBRID REFRIGERATION GENERATION**  
[54] **SYSTEME DE RECTIFICATION CRYOGENIQUE PAR PRODUCTION D'UNE REFRIGERATION HYBRIDE**  
[72] ARMAN, BAYRAM, US  
[72] WEBER, JOSEPH ALFRED, US  
[72] OLSZEWSKI, WALTER JOSEPH, US  
[72] BONAQUIST, DANTE PATRICK, US  
[72] VINCETT, MARK EDWARD, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1999-12-24  
[43] 2000-06-30  
[30] US (09/222,807) 1998-12-30

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[21] **2,293,130**  
[13] A1  
[51] **Int.Cl. 7H04L 12/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DYNAMICALLY CONTROLLING THE PROVISION OF DIFFERENTIATED SERVICES**  
[54] **METHODE ET APPAREIL POUR CONTROLER, DE FACON DYNAMIQUE, LA PRESTATION DE SERVICES DIFFERENCIES**  
[72] TERRELL, WILLIAM F., US  
[72] LUCIANI, JAMES V., US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-12-24  
[43] 2000-06-28  
[30] US (09/222,340) 1998-12-28

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[21] **2,293,133**  
[13] A1  
[51] **Int.Cl. 7F25J 3/02**  
[25] EN  
[54] **METHOD FOR CARRYING OUT SUBAMBIENT TEMPERATURE, ESPECIALLY CRYOGENIC, SEPARATION USING REFRIGERATION FROM A MULTICOMPONENT REFRIGERANT FLUID**  
[54] **METHODE DE SEPARATION A BASSE TEMPERATURE, NOTAMMENT CRYOGENIQUE PAR LA REFRIGERATION A L'AIDE D'UN FLUIDE REFRIGERANT A PLUSIEURS COMPOSANTS**  
[72] ARMAN, BAYRAM, US  
[72] BONAQUIST, DANTE PATRICK, US  
[72] WEBER, JOSEPH ALFRED, US  
[72] VINCETT, MARK EDWARD, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1999-12-24  
[43] 2000-06-30  
[30] US (09/222,816) 1998-12-30

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[21] **2,293,152**  
[13] A1  
[51] **Int.Cl. 7A61D 9/00 7A01K 13/00 7A01L 9/00**  
[25] EN  
[54] **A DEVICE FOR PROTECTING CASTS, SPLINTS OR BANDAGES APPLIED TO ANIMAL APPENDAGES**  
[54] **DISPOSITIF POUR PROTEGER LES PLATRES, LES ATTELLES OU LES PANSEMENTS APPLIQUES AUX APPENDICES D'ANIMAUX**  
[72] REEPING, JUDITH A., US  
[71] REEPING, JUDITH A., US  
[22] 1999-12-24  
[43] 2000-06-28  
[30] US (08/222,273) 1998-12-28

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[21] **2,293,153**  
[13] A1  
[51] **Int.Cl. 7F25B 9/02 7F25B 1/00 7F25B 9/10**  
[25] EN  
[54] **METHOD FOR PROVIDING REFRIGERATION**  
[54] **METHODE POUR PRODUIRE DE LA REFRIGERATION**  
[72] RASHAD, MOHAMMAD ABDUL-AZIZ, US  
[72] ROYAL, JOHN HENRI, US  
[72] ACHARYA, ARUN, US  
[72] LANG, GARY D., US  
[72] NOVAK, RICHARD A., US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1999-12-24  
[43] 2000-06-30  
[30] US (09/222,812) 1998-12-30

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[21] **2,293,154**  
[13] A1  
[51] **Int.Cl. 7B62D 21/00**  
[25] EN  
[54] **A TRAILER FRAME**  
[54] **UN CHASSIS DE REMORQUE**  
[72] MACLELLAN, BERNARD ALOYSIUS, CA  
[71] JAMCO TRAILERS LTD., CA  
[22] 1999-12-24  
[43] 2000-06-30  
[30] US (60/114,537) 1998-12-31

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[21] **2,293,157**  
[13] A1  
[51] **Int.Cl. 7E03F 5/00 7E02D 29/14**  
[25] EN  
[54] **A DEVICE FOR ANCHORAGE TO A GRATING FLOOR**  
[54] **DISPOSITIF D'ANCRAGE DANS PLANCHER EN CAILLEBOTIS**  
[72] ROMEU GUARDIA, GENER, ES  
[71] ROTECNA, S.A., ES  
[22] 1999-12-29  
[43] 2000-06-29  
[30] ES (9802698) 1998-12-29

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**25 juin 2000 - 1er juillet 2000**

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[21] **2,293,166**  
[13] A1

[51] **Int.Cl. 7B64C 13/40**  
[25] FR  
[54] **PROCEDE ET SYSTEME DE COMMANDE D'UNE GOUVERNE D'UN AERONEF A ACTIONNEMENT PAR VERINS HYDRAULIQUES MULTIPLES ET A PUISSANCE MODULABLE**  
[54] **COMMAND PROCESS AND SYSTEM FOR AN AIRCRAFT CONTROL SURFACE WITH MULTIPLE HYDRAULIC POWER CONTROL UNITS AND MODULAR POWER**  
[72] PERANSIN-DELAGÉ, CÉCILE, FR  
[72] GAUTIER, JEAN-PIERRE, FR  
[71] AEROSPATIALE MATRA, FR  
[22] 1999-12-21  
[43] 2000-06-28  
[30] FR (98 16495) 1998-12-28

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[21] **2,293,168**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **ELECTRONIC TENDER SYSTEM**  
**ELECTRONIQUE**  
[72] SAKO, KAZUE, JP  
[71] NEC CORPORATION, JP  
[22] 1999-12-29  
[43] 2000-06-28  
[30] JP (374833/1998) 1998-12-28

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[21] **2,293,174**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G11B 23/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROPERTY TRANSACTION PRICE PREDICTION**  
[54] **METHODE ET APPAREIL PERMETTANT DE PREDIRE LE PRIX DE TRANSACTION D'UNE PROPRIETE**  
[72] AMOS, PAUL, US  
[72] WACHTER, SUSAN M., US  
[72] GILLEN, KEVIN, US  
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US  
[22] 1999-12-30  
[43] 2000-06-30  
[30] US (60/114,248) 1998-12-30  
[30] US (09/474,408) 1999-12-29

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[21] **2,293,177**  
[13] A1

[51] **Int.Cl. 7A61K 7/02 7A61K 7/06 7A61K 9/107 7A61K 7/48**  
[25] FR  
[54] **NANOEMULSION A BASE D'ETHERS GRAS ETHOXYLES OU D'ESTERS GRAS ETHOXYLES, ET SES UTILISATIONS DANS LES DOMAINES COSMETIQUE, DERMATOLOGIQUE ET/OU OPHTHALMOLOGIQUE**  
[54] **NANOEMULSION BASED ON ETHOXYLATE FATTY ETHERS OR ETHOXYLATE FATTY ESTERS, AND ITS UTILIZATIONS IN COSMETICS, DERMATOLOGY AND/OR OPHTHALMOLOGY**  
[72] SIMONNET, JEAN-THIERRY, FR  
[72] LEGRET, SYLVIE, FR  
[72] SONNEVILLE, ODILE, FR  
[71] L'ORÉAL, FR  
[22] 1999-12-21  
[43] 2000-06-29  
[30] FR (98 16 570) 1998-12-29

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[21] **2,293,178**  
[13] A1

[51] **Int.Cl. 7A47L 13/20**  
[25] EN  
[54] **FLOOR TREATING DEVICE WITH SHEEPSKIN COVER**  
[54] **DISPOSITIF DE TRAITEMENT DE PLANCHER A REVETEMENT EN PEAU DE MOUTON**  
[72] STERN, JEFFERY A., US  
[71] STERN TANNING CO., INC., US  
[22] 1999-12-24  
[43] 2000-06-29  
[30] US (09/222,212) 1998-12-29

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[21] **2,293,180**  
[13] A1

[51] **Int.Cl. 7G06F 9/46**  
[25] EN  
[54] **DOCUMENT/VIEW APPLICATION DEVELOPMENT ARCHITECTURE APPLIED TO ACTIVEX TECHNOLOGY FOR WEB BASED APPLICATION DELIVERY**  
[54] **ARCHITECTURE DE DEVELOPPEMENT DES APPLICATIONS DE PRESENTATION/ DOCUMENT EN EXPLOITANT LA TECHNOLOGIE ACTIVEX POUR LIVRAISON D'APPLICATIONS FONDEES SUR LE WEB**  
[72] MENON, SATISH R., US  
[72] MURAY, ANDREW J., US  
[71] INTEL CORPORATION, US  
[22] 1999-12-24  
[43] 2000-06-30  
[30] US (09/223,739) 1998-12-31

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[21] **2,293,184**  
[13] A1

[51] **Int.Cl. 7G01D 9/00**  
[25] FR  
[54] **ENREGISTREUR DE DONNEES RESISTANT A L'ECRASEMENT ET A LA CHALEUR EN CAS D'ACCIDENT**  
[54] **DATA RECORDER CAPABLE OF WITHSTANDING IMPACT AND HEAT IN CASE OF ACCIDENT**  
[72] VACHERET, ERIC, FR  
[72] CANOVAS, GILBERT, FR  
[71] THOMSON CSF DETEXIS, FR  
[22] 1999-12-21  
[43] 2000-06-29  
[30] FR (98 16 557) 1998-12-29

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[21] **2,293,186**  
[13] A1

[51] **Int.Cl. 7A61M 25/00 7A61M 25/02**  
[25] EN  
[54] **POSITIVE ENGAGEMENT-DISENGAGEMENT CATHETER SLEEVE**  
[54] **MANCHE DE CATHETER D'ENGAGEMENT-DEGAGEMENT POSITIFS**  
[72] CHANG, JOSEPH J., US  
[72] MYERS, CATHY J., US  
[72] PANZERA, MARK A., US  
[71] ETHICON, INC., US  
[22] 1999-12-23  
[43] 2000-06-28  
[30] US (09/222,573) 1998-12-28

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[21] 2,293,188  
[13] A1

[51] **Int.Cl. 7G03G 15/08**  
[25] EN  
[54] **IMAGE DEVELOPING APPARATUS, PROCESS CARTRIDGE, ELECTROPHOTOGRAPHIC IMAGE FORMING APPARATUS, AND DEVELOPMENT UNIT FRAME**  
[54] **APPAREIL DE DEVELOPPEMENT D'IMAGES, CARTOUCHE DE DEVELOPPEMENT, APPAREIL ELECTROPHOTOGRAPHIQUE DE FORMATION D'IMAGES ET CADRE DE DEVELOPPEMENT**  
[72] SAKURAI, KAZUSHIGE, JP  
[72] KARAKAMA, TOSHIYUKI, JP  
[72] OGUMA, TORU, JP  
[72] MATSUMOTO, HIDEKI, JP  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 1999-12-24  
[43] 2000-06-28  
[30] JP (373834/1998) 1998-12-28

[21] 2,293,191  
[13] A1

[51] **Int.Cl. 7C09K 5/04 7F25B 1/00 7F25B 9/02 7F25B 9/14**  
[25] EN  
[54] **VARIABLE LOAD REFRIGERATION SYSTEM PARTICULARLY FOR CRYOGENIC TEMPERATURES**  
[54] **SYSTEME DE REFRIGERATION A CHARGE VARIABLE UTILISANT NOTAMMENT DES TEMPERATURES CRYOGENIQUES**  
[72] ARMAN, BAYRAM, US  
[72] ACHARYA, ARUN, US  
[72] WEBER, JOSEPH ALFRED, US  
[72] OLSZEWSKI, WALTER JOSEPH, US  
[72] BONAQUIST, DANTE PATRICK, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1999-12-24  
[43] 2000-06-30  
[30] US (09/222,809) 1998-12-30

[21] 2,293,194  
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 17/60**  
[25] EN  
[54] **A METHOD FOR RESPONDING TO MAIL RETURNED TO A SENDER AS UNDELIVERABLE**  
[54] **METHODE DE REPONSE AUX ENVOIS POSTAUX RETOURNES A L'EXPEDITEUR PARCE QU'ILS NE PEUVENT PAS ETRE DISTRIBUES**  
[72] SANSONE, RONALD P., US  
[71] PITNEY BOWES INC., US  
[22] 1999-12-24  
[43] 2000-06-29  
[30] US (09/222599) 1998-12-29

[21] 2,293,195  
[13] A1

[51] **Int.Cl. 7C12N 11/00 7C13K 7/00 7C07H 15/04 7C12P 19/44**  
[25] FR  
[54] **.ALPHA.-AMYLASE MALTOGENIQUE IMMOBILISEE ET SON UTILISATION DANS LA FABRICATION D'UN SIROP RICHE EN MALTOSE**  
[54] **IMMOBILIZED MALTOGENIC .ALPHA.-AMYLASE AND ITS UTILIZATION IN THE MANUFACTURE OF HIGH-MALTOSE SYRUP**  
[72] FOUACHE, CATHERINE, FR  
[72] DUFLOT, PIERRICK, FR  
[71] ROQUETTE FRERES, FR  
[22] 1999-12-22  
[43] 2000-06-29  
[30] FR (FR 98/16537) 1998-12-29

[21] 2,293,198  
[13] A1

[51] **Int.Cl. 7D21H 21/14**  
[25] EN  
[54] **PAPER QUALITY IMPROVER FOR PAPERMAKING AND METHOD FOR PRODUCING PULP SHEET**  
[54] **AMELIORANT DE LA QUALITE DU PAPIER POUR PAPETERIE ET METHODE DE PRODUCTION D'EPaisseur DE PATE**  
[72] TADOKORO, TAKAAKI, JP  
[72] IKEDA, YASUSHI, JP  
[72] NISHIMORI, TOSHIYUKI, JP  
[72] TAKAHASHI, HIROMICHI, JP  
[71] KAO CORPORATION, JP  
[22] 1999-12-23  
[43] 2000-06-28  
[30] JP (10-373041) 1998-12-28  
[30] JP (11-198010) 1999-07-12  
[30] JP (11-225091) 1999-08-09

[21] 2,293,199  
[13] A1

[51] **Int.Cl. 7A61L 2/18**  
[25] EN  
[54] **THE FLOW OF FLUID THROUGH A LUMEN DEVICE FROM SMALLER-CALIBER END TO LARGER-CALIBER END**  
[54] **L'ECOULEMENT D'UN FLUIDE DANS UNE LUMIERE ALLANT DE LA PETITE OUVERTURE VERS LA GRANDE OUVERTURE**  
[72] MIN-LIN, SZU, US  
[72] JACOBS, PAUL, US  
[71] ETHICON, INC., US  
[22] 1999-12-23  
[43] 2000-06-30  
[30] US (09/223,119) 1998-12-30

[21] 2,293,201  
[13] A1

[51] **Int.Cl. 7H04L 1/20**  
[25] EN  
[54] **BIT ERROR RATE TESTER**  
[54] **TESTEUR DE TAUX D'ERREURS SUR BITS**  
[72] ROUTLIFFE, STEPHEN, CA  
[72] JEFFREY, GEORGE, CA  
[71] MITEL CORPORATION, CA  
[22] 1999-12-23  
[43] 2000-06-30  
[30] GB (9828802.0) 1998-12-30

[21] 2,293,203  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **BILL PROCESSING SERVER AND METHOD FOR A DIGITAL DOCUMENT DELIVERY SYSTEM**  
[54] **SERVEUR ET METHODE DE TRAITEMENT DE FACTURES POUR UN SYSTEME DE REMISE DE DOCUMENTS EN FORMAT NUMERIQUE**  
[72] BRESNAN, MARK, US  
[71] PITNEY BOWES INC., US  
[22] 1999-12-23  
[43] 2000-06-29  
[30] US (09/222219) 1998-12-29

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**25 juin 2000 - 1er juillet 2000**

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[21] **2,293,204**  
[13] A1

[51] **Int.Cl. 7F25J 1/02 7F25B 9/14**  
[25] EN  
[54] **SINGLE CIRCUIT CRYOGENIC LIQUEFACTION OF INDUSTRIAL GAS**  
[54] **LIQUEFACTION CRYOGENIQUE DES GAZ INDUSTRIELS PAR CIRCUIT UNIQUE**  
[72] WEBER, JOSEPH ALFRED, US  
[72] ACHARYA, ARUN, US  
[72] OLSZEWSKI, WALTER JOSEPH, US  
[72] ARMAN, BAYRAM, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1999-12-24  
[43] 2000-06-30  
[30] US (09/222,813) 1998-12-30

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[21] **2,293,205**  
[13] A1

[51] **Int.Cl. 7F25B 9/02 7F25J 1/02 7F25B 9/14**  
[25] EN  
[54] **MULTIPLE CIRCUIT CRYOGENIC LIQUEFACTION OF INDUSTRIAL GAS**  
[54] **LIQUEFACTION CRYOGENIQUE DES GAZ INDUSTRIELS PAR CIRCUITS MULTIPLES**  
[72] SRINIVASAN, VIJAYARAGHAVAN, US  
[72] SMOLAREK, JAMES, US  
[72] NENOV, NENO TODOROV, US  
[72] NOWOBILSKI, JEFFERT JOHN, US  
[72] WEBER, JOSEPH ALFRED, US  
[72] ACHARYA, ARUN, US  
[72] ARMAN, BAYRAM, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1999-12-24  
[43] 2000-06-30  
[30] US (09/222,810) 1998-12-30

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[21] **2,293,206**  
[13] A1

[51] **Int.Cl. 7F25B 9/02 7F25B 1/00 7F25B 9/10**  
[25] EN  
[54] **MULTICOMPONENT REFRIGERANT COOLING WITH INTERNAL RECYCLE**  
[54] **REFROIDISSEMENT D'UN REFRIGERANT MULTICOMPOSE PAR RECYCLAGE INTERNE**  
[72] BONAQUIST, DANTE PATRICK, US  
[72] WEBER, JOSEPH, ALFRED, US  
[72] ACHARYA, ARUN, US  
[72] OLSZEWSKI, WALTER JOSEPH, US  
[72] ROYAL, JOHN HENRI, US  
[72] ARMAN, BAYRAM, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1999-12-24  
[43] 2000-06-30  
[30] US (09/222,815) 1998-12-30

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[21] **2,293,207**  
[13] A1

[51] **Int.Cl. 7F25J 1/02 7F25B 9/02**  
[25] EN  
[54] **CRYOGENIC INDUSTRIAL GAS LIQUEFACTION WITH HYBRID REFRIGERATION GENERATION**  
[54] **LIQUEFACTION DES GAZ INDUSTRIELS CRYOGENIQUES PAR LA PRODUCTION D'UNE REFRIGERATION HYBRIDE**  
[72] RASHAD, MOHAMMAD ABDUL-AZIZ, US  
[72] ARMAN, BAYRAM, US  
[72] ACHARYA, ARUN, US  
[72] WEBER, JOSEPH ALFRED, US  
[72] OLSZEWSKI, WALTER JOSEPH, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1999-12-24  
[43] 2000-06-30  
[30] US (09/222,814) 1998-12-30

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[21] **2,293,210**  
[13] A1

[51] **Int.Cl. 7C10M 129/50 7C10M 135/10 7C10M 137/10**  
[25] EN  
[54] **LUBRICATING OIL COMPOSITION FOR INTERNAL COMBUSTION ENGINES HAVING IMPROVED THERMAL OXIDATION DURABILITY AND DETERGENCY**  
[54] **COMPOSITION D'HUILE LUBRIFIANTE POUR MOTEURS A COMBUSTION INTERNE POSSEDANT UNE DURABILITE A L'OXYDATION THERMIQUE ET UNE DETERGENCE AMELIOREES**  
[72] ANDOH, HIROKI, JP  
[72] FUJITA, KOICHI, JP  
[72] NAGAMATSU, HIROYUKI, JP  
[71] ORONITE JAPAN LIMITED, JP  
[22] 1999-12-23  
[43] 2000-06-28  
[30] JP (10-373122) 1998-12-28

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[21] **2,293,214**  
[13] A1

[51] **Int.Cl. 7B65D 83/30 7B05B 3/04**  
[25] FR  
[54] **TETE DE DISTRIBUTION DEMONTABLE**  
[54] **DISASSEMBLING DISPENSER HEAD**  
[72] BENOIST, JEAN-FRANÇOIS, FR  
[71] L'ORÉAL, FR  
[22] 1999-12-22  
[43] 2000-06-29  
[30] FR (98 16 571) 1998-12-29

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[21] **2,293,215**  
[13] A1

[51] **Int.Cl. 7D21F 3/02**  
[25] EN  
[54] **MACHINE AND METHOD FOR THE MANUFACTURE OF FIBER MATERIAL WEB**  
[54] **MACHINE ET METHODE DE FABRICATION DE VOILE DE CARDE**  
[72] SCHMIDT-HEBBEL, HARALD, BR  
[72] SCHERB, THOMAS THOROE, BR  
[71] VOITH SULZER PAPIERTECHNIK PATENT GMBH, DE  
[22] 1999-12-23  
[43] 2000-06-29  
[30] DE (198 60 687.7) 1998-12-29



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[21] **2,293,231**  
[13] A1  
[51] **Int.Cl. 7H04L 12/46 7G11B 23/00**  
[25] EN  
[54] **METHOD AND APPARATUS PROVIDING FOR MULTIPLE VIRTUAL LOCAL AREA NETWORK GROUPS**  
[54] **METHODE ET APPAREIL PERMETTANT DE REGROUPER PLUSIEURS RESEAUX LOCAUX VIRTUELS**  
[72] SRIKANTH, AYIKUDY K., US  
[72] MEHTA, RAHUL A., US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-12-24  
[43] 2000-06-29  
[30] US (09/222,045) 1998-12-29

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[21] **2,293,235**  
[13] A1  
[51] **Int.Cl. 7D21H 19/68**  
[25] EN  
[54] **MASKING PATTERNS TO ENHANCE APPARENT OPACITY OF PAPER PRODUCTS**  
[54] **MASQUES A MOTIFS POUR AUGMENTER L'OPACITE APPARENTE DE PRODUITS EN PAPIER**  
[72] LINDSAY, JEFFREY D., US  
[72] BURAZIN, MARK A., US  
[72] WENDLER, ROGER EDWARD JR., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 1999-12-24  
[43] 2000-06-30  
[30] US (60/114,237) 1998-12-30  
[30] US (UNKNOWN) 1999-12-21

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[21] **2,293,242**  
[13] A1  
[51] **Int.Cl. 7B43M 5/04 7B41J 2/01**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MOISTENING ENVELOPE FLAPS**  
[54] **METHODE ET APPAREIL POUR HUMECTER LES RABATS D'ENVELOPPE**  
[72] DOLAN, DONALD T., US  
[71] PITNEY BOWES INC., US  
[22] 1999-12-23  
[43] 2000-06-28  
[30] US (09/221895) 1998-12-28

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[21] **2,293,512**  
[13] A1  
[51] **Int.Cl. 7H04B 10/08 7H04B 10/02**  
[25] EN  
[54] **AUTOMATIC PROTECTION SYSTEM FOR AN OPTICAL TRANSMISSION SYSTEM**  
[54] **SYSTEME DE PROTECTION AUTOMATIQUE D'UN RESEAU DE TRANSMISSION OPTIQUE**  
[72] CASANOVA, MAURO RUDI, IT  
[72] NAVA, ADRIANO, IT  
[72] CENTENARI, PIETRO, IT  
[71] PIRELLI CAVI E SISTEMI S.P.A., IT  
[22] 1999-12-29  
[43] 2000-06-30  
[30] EP (98 124849.5) 1998-12-31

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[21] **2,293,513**  
[13] A1  
[51] **Int.Cl. 7D21H 11/18 7D21B 1/36**  
[25] EN  
[54] **LIQUID AMMONIA EXPLOSION TREATMENT OF WOOD FIBERS**  
[54] **TRAITEMENT DES FIBRES DE BOIS PAR EXPLOSION DE L'AMMONIAQUE LIQUIDE**  
[72] HOLLENBERG, DAVID H., US  
[72] YAO, YONG DE, US  
[72] HU, SHENG-HSIN, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 1999-12-29  
[43] 2000-06-30  
[30] US (60/114,373) 1998-12-30

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[21] **2,293,728**  
[13] A1  
[51] **Int.Cl. 7A61K 9/51 7A61K 7/00 7B01J 13/02 7A61K 7/40 7A61K 7/48**  
[25] FR  
[54] **NANOCAPSULES A BASE DE POLYMERES ANIONIQUES HYDRODISPERSIBLES, LEUR PROCEDE DE PREPARATION ET COMPOSITIONS COSMETIQUES OU DERMATOLOGIQUES LES CONTENANT**  
[54] **NANOCAPSULES BASED ON WATER-DISPERSIBLE ANIONIC POLYMERS, THE PROCESS OF PREPARING THEM, AND COSMETIC OR DERMATOLOGICAL COMPOUNDS CONTAINING THEM**  
[72] SIMONNET, JEAN-THIERRY, FR  
[72] RICHART, PASCAL, FR  
[71] L'ORÉAL, FR  
[22] 1999-12-24  
[43] 2000-06-29  
[30] FR (9816553) 1998-12-29

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[21] **2,293,729**  
[13] A1  
[51] **Int.Cl. 7A61K 7/48 7A61K 7/02 7A61K 7/40**  
[25] FR  
[54] **NANOCAPSULES A BASE DE POLY(ALKYLENE ADIPATE), LEUR PROCEDE DE PREPARATION ET COMPOSITIONS COSMETIQUES OU DERMATOLOGIQUES LES CONTENANT**  
[54] **NANOCAPSULES BASED ON POLYALKYLENE ADIPATE, THE PROCESS OF PREPARING THEM, AND COSMETIC OR DERMATOLOGICAL COMPOUNDS CONTAINING THEM**  
[72] BIATRY, BRUNO, FR  
[72] RICHART, PASCAL, FR  
[72] SIMONNET, JEAN-THIERRY, FR  
[71] L'ORÉAL, FR  
[22] 1999-12-24  
[43] 2000-06-29  
[30] FR (9816554) 1998-12-29

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[21] **2,293,730**  
[13] A1  
[51] **Int.Cl. 7C08F 14/06 7C08F 214/06**  
[25] FR  
[54] **POLYMERES A BASE DE CHLORURE DE VINYLE, APTES A DONNER DES PLASTISOLS DE PROPRIETES PARTICULIERES ET LEUR PROCEDE D'OBTENTION**  
[54] **POLYMERS BASED ON VINYL CHLORIDE, CAPABLE OF IMPARTING PARTICULAR PROPERTIES TO PLASTISOLS AND THE PROCESS OF PRODUCING THEM**  
[72] CHIPPAUX, ANDRÉ, FR  
[72] PERES, RICHARD, FR  
[72] BONNAUD, BERNARD, FR  
[72] BONARDI, CHRISTIAN, FR  
[71] ELF ATOCHEM, S.A., FR  
[22] 1999-12-24  
[43] 2000-06-29  
[30] FR (98 16 527) 1998-12-29

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**25 juin 2000 - 1er juillet 2000**

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[21] **2,293,750**  
[13] A1

[51] **Int.Cl. 7C07C 233/47 7C07C 231/12**  
[25] FR  
[54] **PROCEDE D'OBTENTION DE N-FORMYL-LEUCINE DE PURETE ELEVEE**  
[54] **PROCESS FOR PRODUCING HIGH-PURITY N-FORMYL-LEUCINE**  
[72] SENNYEY, GÉRARD, FR  
[72] HUSSENET, PATRICIA, FR  
[72] VINCENT, CHARLES-HENRY, FR  
[72] LE GOFF, PHILIPPE, FR  
[71] ISOCHEM, FR  
[22] 1999-12-22  
[43] 2000-06-30  
[30] FR (98 16611) 1998-12-30

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[21] **2,293,751**  
[13] A1

[51] **Int.Cl. 7B64C 25/02**  
[25] FR  
[54] **TRAIN D'ATTERISSAGE D'AVION, EQUIPE D'UN DISPOSITIF DE PROTECTION D'UN RESERVOIR DE CARBURANT VOISIN, ET AVION COMPORTANT UN TEL TRAIN**  
[54] **AIRCRAFT LANDING GEAR, FITTED WITH A DEVICE TO PROTECT A NEARBY FUEL TANK, AND AIRCRAFT FITTED WITH THE SAID LANDING GEAR**  
[72] DAZET, FRANCIS, FR  
[71] AÉROSPATIALE MATRA, FR  
[22] 1999-12-22  
[43] 2000-06-29  
[30] FR (98 16542) 1998-12-29

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[21] **2,293,764**  
[13] A1

[51] **Int.Cl. 7H04L 12/54 7H04N 1/32**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PRESENTING AND PROCESSING DOCUMENTS ON THE INTERNET**  
[54] **SYSTEME ET METHODE DE PRESENTATION ET DE TRAITEMENT DE DOCUMENTS SUR INTERNET**  
[72] BRESNAN, MARK, US  
[72] GARDNER, DAVID P., US  
[71] PITNEY BOWES INC., US  
[22] 1999-12-23  
[43] 2000-06-29  
[30] US (09/222196) 1998-12-29

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[21] **2,293,769**  
[13] A1

[51] **Int.Cl. 7H04L 12/54**  
[25] EN  
[54] **DYNAMIC ELECTRONIC MESSAGING SYSTEM**  
[54] **SYSTEME DE MESSAGERIE ELECTRONIQUE DYNAMIQUE**  
[72] KELLEY, STEPHEN, GB  
[72] NICHOLLS, TIMOTHY J., GB  
[72] CAPELLI, CHRISTOPHER J., US  
[72] ALLPORT, ROBERT W., GB  
[71] PITNEY BOWES LTD., US  
[22] 1999-12-24  
[43] 2000-06-29  
[30] US (09/222195) 1998-12-29

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[21] **2,293,770**  
[13] A1

[51] **Int.Cl. 7H04L 12/54 7B41F 19/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SEPARATING A PRINT STREAM INTO AN ELECTRONIC DOCUMENT PRINT STREAM AND A PHYSICAL DOCUMENT PRINT STREAM**  
[54] **SYSTEME ET METHODE DE SEPARATION D'UN FLOT D'IMPRESSION EN UN FLOT D'IMPRESSION DE DOCUMENTS ELECTRONIQUES ET UN FLOT D'IMPRESSION DE DOCUMENTS PAPIER**  
[72] WOODMAN, CLAIRE E., US  
[72] GARDNER, DAVID P., US  
[71] PITNEY BOWES INC., US  
[22] 1999-12-24  
[43] 2000-06-29  
[30] US (09/222528) 1998-12-29

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[21] **2,293,771**  
[13] A1

[51] **Int.Cl. 7F16J 15/08**  
[25] EN  
[54] **MULTI-LAYERED GASKET HAVING MESHING GRIPPING MEMBERS**  
[54] **JOINT D'ETANCHEITE MULTICOUCHES COMPRENANT DES ELEMENTS QUI S'AGRIPPENT**  
[72] SCHWEIGER, DAVID J., US  
[71] DANA CORPORATION, US  
[22] 1999-12-24  
[43] 2000-06-28  
[30] US (09/221,101) 1998-12-28

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[21] **2,293,772**  
[13] A1

[51] **Int.Cl. 7A62C 37/08**  
[25] EN  
[54] **DOUBLE-BLADE DEFLECTOR FOR SIDE WALL SPRINKLER**  
[54] **DEFLECTEUR A DOUBLE LAME POUR PULVERISATEUR DE PAROI LATERALE**  
[72] WINEBRENNER, THOMAS E., US  
[71] THE VIKING CORPORATION, US  
[22] 1999-12-23  
[43] 2000-06-29  
[30] US (60/114,350) 1998-12-29  
[30] US (09/438,141) 1999-11-10

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[21] **2,293,773**  
[13] A1

[51] **Int.Cl. 7H04L 12/54**  
[25] EN  
[54] **DYNAMIC E-MAIL MESSAGING SYSTEM HAVING TIME PARAMETERS**  
[54] **SYSTEME DE MESSAGERIE ELECTRONIQUE DYNAMIQUE DOTE DE PARAMETRES TEMPORELS**  
[72] NICHOLLS, TIMOTHY J., GB  
[72] CAPELLI, CHRISTOPHER J., US  
[72] KELLEY, STEPHEN, GB  
[72] ALLPORT, ROBERT W., GB  
[71] PITNEY BOWES, INC., GB  
[22] 1999-12-24  
[43] 2000-06-29  
[30] US (09/222192) 1998-12-29

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[21] **2,293,850**  
[13] A1

[51] **Int.Cl. 7B63H 25/18 7B63H 25/02**  
[25] EN  
[54] **SYNCHRONIZING MULTIPLE STEERING INPUTS TO MARINE RUDDER/STEERING ACTUATORS**  
[54] **SYNCHRONISATION DES DONNEES FOURNIES A L'ACTIONNEUR DES GOVERNAILS MARINS**  
[72] FORD, DOUGLAS W., US  
[72] PATERSON, DOUGLAS F., US  
[72] JUVE, ERIC K., US  
[71] NAUTAMATIC MARINE SYSTEMS, INC., US  
[22] 1999-12-29  
[43] 2000-06-30  
[30] US (60/114,361) 1998-12-30

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[21] **2,293,863**  
[13] A1  
[51] **Int.Cl. 7B68C 3/00**  
[25] FR  
[54] **ETRIER POUR L'EQUITATION**  
[54] **SADDLE STIRRUP**  
[72] LELIEVRE, PATRICK, FR  
[71] UKAL, FR  
[22] 1999-12-29  
[43] 2000-06-30  
[30] FR (98 16 753) 1998-12-30

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[21] **2,293,864**  
[13] A1  
[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **ABSORBENT COMPOSITES**  
**COMPRISING SUPERABSORBENT**  
**MATERIALS**  
[54] **MATERIAUX COMPOSITES**  
**ABSORBANTS CONSTITUES DE**  
**MATIERES PARTICULIEREMENT**  
**ABSORBANTES**  
[72] VAN DYKE, WENDY LYNN, US  
[72] YARBROUGH, SANDRA MARIE, US  
[72] NIEMEYER, MICHAEL JOHN, US  
[72] DODGE, RICHARD NORRIS, US  
[72] RANGANATHAN, SRIDHAR, US  
[72] LI, YONG, US  
[71] KIMBERLY-CLARK WORLDWIDE,  
INC., US  
[22] 1999-12-30  
[43] 2000-06-30  
[30] US (60/114,332) 1998-12-31

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[21] **2,293,877**  
[13] A1  
[51] **Int.Cl. 7H01H 7/00 7H01H 31/02**  
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[25] EN  
[54] **POWER SWITCHING SYSTEM**  
[54] **SYSTEME DE COMMUTATION**  
**D'ALIMENTATION**  
[72] PATTON, PAUL B., US  
[72] BARTELS, JAMES I., US  
[72] JUNTUNEN, ROBERT D., US  
[72] SOLOSKY, RICHARD M., US  
[71] HONEYWELL INC., US  
[22] 1999-12-30  
[43] 2000-06-30  
[30] US (09/223,851) 1998-12-31

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[21] **2,293,887**  
[13] A1  
[51] **Int.Cl. 7A61B 17/12**  
[25] EN  
[54] **GEL TOURNIQUET CUFF**  
[54] **BRASSARD TOURNIQUET SUR**  
**GEL**  
[72] CLUPPER, CHRISTIAN H., US  
[72] GUZMAN, JOSE F., US  
[71] DEPUY ORTHOPAEDICS, INC., US  
[22] 1999-12-30  
[43] 2000-06-30  
[30] US (60/114,726) 1998-12-31

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[21] **2,293,888**  
[13] A1  
[51] **Int.Cl. 7A47K 3/00 7A47B 37/00**  
[25] EN  
[54] **BATHING STRUCTURE TABLE**  
**AND ASSOCIATED METHOD**  
[54] **TABLETTE DE BAIN ET**  
**METHODE ASSOCIEE**  
[72] BEICHNER, LINDA, US  
[71] BEICHNER, LINDA, US  
[22] 1999-12-30  
[43] 2000-06-30  
[30] US (09/224,666) 1998-12-31

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[21] **2,293,890**  
[13] A1  
[51] **Int.Cl. 7A61K 31/737 7A61K 31/726**  
**7A61K 31/727**  
[25] EN  
[54] **A NOVEL TREATMENT FOR PRE-**  
**ECLAMPSIA AND RELATED DISEASES**  
[54] **NOUVEAU TRAITEMENT DE LA**  
**PRE-ECLAMPSIE ET DES MALADIES**  
**CONNEXES**  
[72] LASTER, GAIL, IL  
[71] LAKARO BIOPHARMACEUTICAL,  
INC., IL  
[22] 1999-12-30  
[43] 2000-06-30  
[30] IL (127896) 1998-12-31

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[21] **2,293,932**  
[13] A1  
[51] **Int.Cl. 7G05F 1/10**  
[25] EN  
[54] **POWER SUPPLY CONTROL**  
**DEVICE AND METHOD OF**  
**CONTROLLING THE SAME**  
[54] **DISPOSITIF DE COMMANDE**  
**D'ALIMENTATION ET METHODE DE**  
**COMMANDE DE CE DISPOSITIF**  
[72] OHSHIMA, SHUNZOU, JP  
[72] WATANABE, MITSUGU, JP  
[71] YAZAKI CORPORATION, JP  
[22] 1999-12-29  
[43] 2000-06-28  
[30] JP (10-373877) 1998-12-28  
[30] JP (11-140421) 1999-05-20  
[30] JP (11-361483) 1999-12-20

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[21] **2,294,558**  
[13] A1  
[51] **Int.Cl. 7C07D 311/92 7C07D 473/00**  
**7C07D 453/02 7C07D 455/02 7C07D 471/**  
**04 7C07D 491/052 7G02C 7/10 7C07D 405/**  
**10 7C07D 411/10 7C07D 413/10 7C07D**  
**417/10 7C07D 419/10**  
[25] EN  
[54] **PHOTOCHROMIC SUBSTITUTED**  
**NAPHTOPYRAN COMPOUNDS**  
[54] **COMPOSES**  
**PHOTOCHROMIQUES DE**  
**NAPHTOPYRANNE SUBSTITUE**  
[72] IPPOLITI, J. THOMAS, US  
[72] HUGHES, FRANK J., US  
[71] BMC VISION-EASE LENS INC., US  
[22] 1999-12-30  
[43] 2000-06-30  
[30] US (09/224,004) 1998-12-31

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[21] **2,294,559**  
[13] A1

[51] **Int.Cl. 7C08F 2/01**  
[25] EN  
[54] **METHOD OF MODIFYING NEAR-WALL TEMPERATURE IN A GAS PHASE POLYMERIZATION REACTOR**  
[54] **METHODE PERMETTANT DE MODIFIER LA TEMPERATURE A PROXIMITE DE LA PAROI DANS UN REACTEUR SERVANT A LA POLYMERISATION EN PHASE GAZEUSE**  
[72] MADDEN, JAMES DANIEL, US  
[72] RILEY, JAMES LAURENCE JR., US  
[72] SPRIGGS, THOMAS EDWARD, US  
[72] GOODE, MARK GREGORY, US  
[72] SCHWARZ, GEORGE WILLIAM JR., US  
[71] UNION CARBIDE CHEMICALS AND PLASTICS TECHNOLOGY CORPORATION, US  
[22] 1999-12-30  
[43] 2000-06-30  
[30] US (09/224,181) 1998-12-31

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[21] **2,295,378**  
[13] A1

[51] **Int.Cl. 7G07G 1/00 7G07G 1/12**  
[25] EN  
[54] **POINT OF PURCHASE (POP) TERMINAL**  
[54] **TERMINAL POINT DE VENTE**  
[72] MANN, STEVE, CA  
[71] MANN, STEVE, CA  
[22] 1999-12-29  
[43] 2000-06-30  
[30] CA (2,256,922) 1998-12-31  
[30] CA (2,264,973) 1999-03-15  
[30] CA (2,280,022) 1999-07-28  
[30] CA (2,280,425) 1999-08-16

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[21] **2,295,448**  
[13] A1

[51] **Int.Cl. 7G02C 7/10 7G02B 27/01**  
[25] EN  
[54] **REALITY MEDIATOR FOR THE PREVENTION OF THEFT OF VISUAL ATTENTION OR THEFT OF MENTAL VISUAL PROCESSING RESOURCES**  
[54] **APPAREIL MEDIATEUR DE LA REALITE POUR PREVENIR LE VOL DE L'ATTENTION VISUELLE OU DES RESSOURCES DE TRAITEMENT VISUEL MENTAL**  
[72] MANN, STEVE, CA  
[71] MANN, STEVE, CA  
[22] 1999-12-31  
[43] 2000-06-30  
[30] CA (2,256,922) 1998-12-31  
[30] CA (2,261,376) 1999-02-01  
[30] CA (2,264,973) 1999-03-15  
[30] CA (2,267,877) 1999-04-01  
[30] CA (2,280,425) 1999-08-16

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[21] **2,296,198**  
[13] A1

[51] **Int.Cl. 7C12P 19/22 7C07H 15/04**  
[25] FR  
[54] **PROCEDE DE FABRICATION D'UN SIROP RICHE EN MALTOSE**  
[54] **PROCESS FOR MANUFACTURING A HIGH-MALTOSE SYRUP**  
[72] CABOCHE, JEAN-JACQUES, FR  
[71] ROQUETTE FRERES, FR  
[22] 1999-12-22  
[43] 2000-06-29  
[30] FR (FR 98/16539) 1998-12-29

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[21] **2,296,204**  
[13] A1

[51] **Int.Cl. 7H04B 7/185**  
[25] FR  
[54] **SATELLITE A COUVERTURE OMNIDIRECTIONNELLE**  
[54] **NON-DIRECTIONAL COVERAGE SATELLITE**  
[72] NASTA, RODOLPHE, FR  
[71] ALCATEL, FR  
[22] 1999-12-23  
[43] 2000-06-30  
[30] FR (98 16 713) 1998-12-31

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[21] **2,296,206**  
[13] A1

[51] **Int.Cl. 7F04D 31/00 7F04D 11/00 7F01D 25/24 7F04D 29/40**  
[25] FR  
[54] **IMPULSEUR DIPHASIQUE HELICO-RADIO-AXIAL AVEC CARENAGE INCURVE**  
[54] **HELICO-RADIO-AXIAL DIPHASIC IMPELLER WITH A CURVED SHROUD**  
[72] CHARRON, YVES, FR  
[71] L'INSTITUT FRANCAIS DU PETROLE, FR  
[22] 1999-12-23  
[43] 2000-06-28  
[30] FR (98/16521) 1998-12-28

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[21] **2,296,212**  
[13] A1

[51] **Int.Cl. 7F04D 31/00 7F04D 11/00 7F01D 25/24 7F04D 29/40**  
[25] FR  
[54] **IMPULSEUR DIPHASIQUE AVEC CANAL INCURVE DANS LE PLAN MERIDIEN**  
[54] **DIPHASIC IMPELLER WITH CURVED CHANNEL IN THE MERIDIONAL PLANE**  
[72] CHARRON, YVES, FR  
[71] L'INSTITUT FRANCAIS DU PETROLE, FR  
[22] 1999-12-23  
[43] 2000-06-28  
[30] FR (98/16522) 1998-12-28

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[21] **2,301,359**  
[13] A1

[51] **Int.Cl. 7B60S 1/62 7B60P 1/00 7B60P 1/58**  
[25] EN  
[54] **TRAILER FLOOR CLEANING SYSTEM**  
[54] **SYSTEME DE NETTOYAGE DE PLANCHER DE REMORQUE**  
[72] SHELBY, DAVID E., CA  
[71] EDGEMOUNT MANUFACTURING LTD., CA  
[22] 2000-03-20  
[43] 2000-06-27  
[30] US (UNKNOWN) 2000-03-02

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June 25, 2000 - July 1st, 2000

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[21] **2,301,789**  
[13]

[51] **Int.Cl. 7A01K 1/035**  
[25] EN  
[54] **FOLD AND GO PET BED**  
[54] **LIT PLIABLE ET**  
**TRANSPORTABLE POUR ANIMAL DE**  
**COMPAGNIE**  
[72] CAMPBELL, TANYA LEE, CA  
[72] PAQUETTE, MONIQUE SARAH, CA  
[71] CAMPBELL, TANYA LEE, CA  
[71] PAQUETTE, MONIQUE SARAH, CA  
[22] 2000-04-03  
[43] 2000-07-01

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[21] **2,302,973**  
[13] A1

[51] **Int.Cl. 7E05C 3/12**  
[25] FR  
[54] **STRUCTURE DE FENETRE**  
**COMPRENANT UN NOUVEAU**  
**DISPOSITIF DE VERROUILLAGE**  
[54] **WINDOW STRUCTURE**  
**INCLUDING A NEW LOCKING DEVICE**  
[72] AUTORE, EMILIO, CA  
[71] AUTORE, EMILIO, CA  
[22] 2000-03-31  
[43] 2000-06-27  
[30] CA (2,265,966) 1999-04-01

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[21] **2,302,856**  
[13] A1

[51] **Int.Cl. 7E01F 5/00 7E03F 3/00**  
[25] EN  
[54] **CULVERT SYSTEM**  
[54] **SYSTEME DE DRAINAGE**  
[72] BOULET, HUBERT I., CA  
[72] BOULET, EDMOND E., CA  
[71] BOULET BROTHERS CONCRETE  
LTD., CA  
[22] 2000-04-14  
[43] 2000-06-26

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[21] **2,302,863**  
[13] A1

[51] **Int.Cl. 7A47L 11/34**  
[25] EN  
[54] **A PROCESS OF CLEANING**  
**CARPETS AND THE LIKE**  
[54] **PROCEDE DE NETTOYAGE DE**  
**TAPIS ET D'ARTICLES SEMBLABLES**  
[72] VANDEBROEK, MARCEL, BE  
[72] LAWSON, JOHN RUSSELL, IT  
[72] VUIJK, JELLE DANKERT, BE  
[71] THE PROCTER & GAMBLE  
COMPANY, US  
[22] 1999-04-07  
[43] 2000-06-26  
[62] 2,295,477  
[30] EP (98870073.8) 1998-04-08  
[30] EP (98870243.7) 1998-11-09

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[21] **2,292,530**  
[13] A1  
[51] Int.Cl. 7H04L 9/32 7H04L 12/22  
[25] EN  
[54] METHOD AND SYSTEM TO PROVIDE OBJECTS TO USERS OF A TELECOMMUNICATIONS NETWORK  
[54] PROCEDE ET SYSTEME DE FOURNIR DES OBJETS A DES USAGERS DE RESEAU DE TELECOMMUNICATIONS  
[72] LAUPER, ERIC, CH  
[72] RITTER, RUDOLF, CH  
[72] CABANO, CLAUDIO, CH  
[71] SWISSCOM AG, CH  
[85] 1999-11-30  
[86] 1998-12-29 (PCT/CH98/00562)  
[87] 2000-06-29 ()

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[21] **2,304,746**  
[13] A1  
[51] Int.Cl. 6C12N 15/12 6C07K 16/00 6C12N 15/00 6A61K 38/02 6C12P 21/02 6A61K 38/03 6A61K 38/04 6A61K 38/10 6C12N 15/11 6G01N 33/53 6C12N 15/63 6C12Q 1/68  
[25] EN  
[54] NOVEL MOLECULES OF THE TNF RECEPTOR SUPERFAMILY AND USES THEREFOR  
[54] NOUVELLES MOLECULES DE LA SUPER-FAMILLE DES RECEPTEURS DE TNF ET UTILISATIONS DE CES MOLECULES  
[72] BUSFIELD, SAMANTHA J., US  
[71] MILLENIUM PHARMACEUTICALS, INC., US  
[85] 2000-03-24  
[86] 1998-09-25 (PCT/US98/20219)  
[87] 1999-04-01 (WO99/15663)  
[30] US (08/938,896) 1997-09-26  
[30] US (09/042,785) 1998-03-17

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[21] **2,304,776**  
[13] A1  
[51] Int.Cl. 6A61B 1/00 6A61B 1/012 6A61B 1/273 6A61B 1/31  
[25] EN  
[54] ENDOSCOPE WITH SINGLE-USE CARTRIDGE FOR THE INVAGINATION OF ENDOSCOPIC TUBES  
[54] ENDOSCOPE A CARTOUCHE SERVANT UNE SEULE FOIS POUR INVAGINATION DE TUBE ENDOSCOPIQUE  
[72] MATASOV, SERGEY, LV  
[71] MATASOVA, VITA, DE  
[71] MATASOV, SERGEY, LV  
[71] MOTASOV, ANDREI, LV  
[85] 2000-03-21  
[86] 1998-10-02 (PCT/LV98/00006)  
[87] 1999-04-15 (WO99/17655)  
[30] LV (P-97-190) 1997-10-03  
[30] LV (P-98-188) 1998-09-23

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[21] **2,304,802**  
[13] A1  
[51] Int.Cl. 6A62D 3/00  
[25] EN  
[54] METHOD FOR REDUCTIVE DEHALOGENATION OF HALOGEN-ORGANIC SUBSTANCES  
[54] PROCEDE DE DESHALOGENATION REDUCTRICE DE SUBSTANCES HALOGENO-ORGANIQUES  
[72] VOLKER, BIRKE, DE  
[71] VOLKER, BIRKE, DE  
[85] 2000-03-21  
[86] 1998-09-19 (PCT/DE98/02787)  
[87] 1999-04-01 (WO99/15239)  
[30] DE (197 42 297.7) 1997-09-25

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[21] **2,304,805**  
[13] A1  
[51] Int.Cl. 6A61K 38/00 6C07K 7/00 6C07K 14/00  
[25] EN  
[54] APOLIPOPROTEIN A-I AGONISTS AND THEIR USE TO TREAT DYSLIPIDEMIC DISORDERS  
[54] AGONISTES D'APOLIPOPROTEINE A-I ET LEUR UTILISATION POUR TRAITER DES TROUBLES DE LA DYSLIPIDEMIE  
[72] METZ, GUNTHER, DE  
[72] CORNUT, ISABELLE, DE  
[72] DASSEUX, JEAN-LOUIS, US  
[72] BUTTNER, KLAUS, DE  
[72] SEKUL, RENATE, DE  
[72] DUFOURCQ, JEAN, FR  
[71] METZ, GUNTHER, DE  
[71] CORNUT, ISABELLE, DE  
[71] DASSEUX, JEAN-LOUIS, US  
[71] BUTTNER, KLAUS, DE  
[71] SEKUL, RENATE, DE  
[71] DUFOURCQ, JEAN, FR  
[85] 2000-03-28  
[86] 1998-09-28 (PCT/US98/20327)  
[87] 1999-04-08 (WO99/16459)  
[30] US (08/940,095) 1997-09-29

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[21] **2,304,871**  
[13] A1  
[51] Int.Cl. 6B23K 11/06  
[25] EN  
[54] LOW INERTIA BEARING FOR RESISTANCE SEAM WELDING WHEEL  
[54] PALIER A FAIBLE INERTIE POUR MOLETTE DE SOUDAGE A LA MOLETTE  
[72] VAN OTTEREN, ROBERT G., US  
[71] NEWCOR, INC., US  
[85] 2000-03-23  
[86] 1997-09-29 (PCT/US97/18099)  
[87] 1999-04-08 (WO99/16573)

## PCT Applications Entering the National Phase

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|---|---|---|
| <p style="text-align: right;">[21] <b>2,304,984</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/34 6C12N 15/82</b><br/>[25] EN<br/>[54] <b>BINARY VIRAL EXPRESSION SYSTEM IN PLANTS</b><br/>[54] <b>SYSTEME BINAIRE D'EXPRESSION VIRALE DANS DES PLANTES</b><br/>[72] YADAV, NARENDRA S., US<br/>[71] E.I. DU PONT DE NEMOURS AND COMPANY, US<br/>[85] 2000-03-15<br/>[86] 1998-10-23 (PCT/US98/22688)<br/>[87] 1999-05-06 (WO99/22003)<br/>[30] US (60/063,504) 1997-10-24<br/>[30] US (60/101,558) 1998-09-23</p>                             | <p style="text-align: right;">[21] <b>2,305,574</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C12N 1/20</b><br/>[25] EN<br/>[54] <b>COMPETITIVE EXCLUSION CULTURE FOR SWINE</b><br/>[54] <b>CULTURE D'EXCLUSION COMPETITIVE POUR LE PORC</b><br/>[72] STANKER, LARRY H., US<br/>[72] NISBET, DAVID J., US<br/>[72] CORRIER, DONALD E., US<br/>[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICUL, US<br/>[85] 2000-03-31<br/>[86] 1998-10-14 (PCT/US98/21703)<br/>[87] 1999-04-22 (WO99/19459)<br/>[30] US (08/949,348) 1997-10-14</p>   | <p style="text-align: right;">[21] <b>2,305,669</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G06F 3/037</b><br/>[25] EN<br/>[54] <b>SMARTCARD TERMINAL</b><br/>[54] <b>TERMINAL A CARTE INTELLIGENTE</b><br/>[72] BUCHWALD, SIMON, AU<br/>[71] BUCHWALD, SIMON, AU<br/>[85] 2000-03-28<br/>[86] 1998-10-02 (PCT/AU98/00832)<br/>[87] 1999-04-15 (WO99/18494)<br/>[30] AU (PO 9599) 1997-10-03<br/>[30] AU (PP 1498) 1998-01-27</p>   |
| <p style="text-align: right;">[21] <b>2,305,347</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C09D 5/14 6C09D 5/03 6A01N 25/12</b><br/>[25] EN<br/>[54] <b>BIOCIDAL POWDER COATING COMPOSITION, ITS PREPARATION AND USE</b><br/>[54] <b>COMPOSITION DE REVETEMENT EN POUVRE BIOCID</b><br/>[72] GOTTSCHLING, PETER, US<br/>[72] CUMMINGS, FREDERICK L., US<br/>[71] E.I. DU PONT DE NEMOURS AND COMPANY, US<br/>[85] 2000-03-31<br/>[86] 1998-10-02 (PCT/EP98/06282)<br/>[87] 1999-04-15 (WO99/18162)<br/>[30] US (60/061,099) 1997-10-03</p>         | <p style="text-align: right;">[21] <b>2,305,667</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C08L 23/10 6C08L 23/08 6C08L 23/16</b><br/>[25] EN<br/>[54] <b>THERMOPLASTIC POLYMER ALLOY COMPOSITION</b><br/>[54] <b>COMPOSITION A BASE D'ALLIAGE DE POLYMERES THERMOPLASTIQUE</b><br/>[72] DAWSON, ROBERT LOUIS, US<br/>[71] E.I. DU PONT DE NEMOURS AND COMPANY, US<br/>[85] 2000-03-28<br/>[86] 1998-10-09 (PCT/US98/21400)<br/>[87] 1999-04-22 (WO99/19399)<br/>[30] US (60/061,598) 1997-10-10</p>   | <p style="text-align: right;">[21] <b>2,305,670</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61N 1/375</b><br/>[25] EN<br/>[54] <b>TRIPLE PORT AND QUADRUPLE PORT IN-LINE HEADER DESIGNS</b><br/>[54] <b>MODELES DE COLLECTEUR EN LIGNE A TROIS ET QUATRE PORTS</b><br/>[72] FLYNN, DAVID M., US<br/>[72] THOMAS, ANDRA, US<br/>[72] HUM, LARRY, US<br/>[71] CARDIAC PACEMAKERS, INC., US<br/>[85] 2000-03-28<br/>[86] 1998-08-26 (PCT/US98/17676)<br/>[87] 1999-04-08 (WO99/16504)<br/>[30] US (08/939,750) 1997-09-29</p>   |
| <p style="text-align: right;">[21] <b>2,305,391</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B32B 27/08</b><br/>[25] EN<br/>[54] <b>MULTILAMINAR HIGH DENSITY POLYETHYLENE FILM WITH HIGH BIAXIAL ORIENTATION</b><br/>[54] <b>FILM MULTILAMINAIRE DE POLYETHYLENE HAUTE DENSITE A FORTE ORIENTATION BIAZIALE</b><br/>[72] TIEN-KUEI, SU, US<br/>[72] POIRIER, ROBERT VICTOR, US<br/>[71] MOBIL OIL CORPORATION, US<br/>[85] 2000-03-31<br/>[86] 1998-08-20 (PCT/US98/17219)<br/>[87] 1999-04-08 (WO99/16617)<br/>[30] US (08/940,261) 1997-09-30</p> | <p style="text-align: right;">[21] <b>2,305,668</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07F 15/06 6C07F 19/00 6C07F 15/02 6C08G 65/10 6B01J 27/26</b><br/>[25] EN<br/>[54] <b>MULTI-METAL CYANIDE COMPLEXES AS CATALYSTS</b><br/>[54] <b>COMPLEXES CYANURES A METAUX MULTIPLES S'UTILISANT COMME CATALYSEURS</b><br/>[72] JUNGE, DIETER, DE<br/>[72] GEHRER, EUGEN, DE<br/>[72] TREULING, ULRICH, DE<br/>[72] LORENZ, REINHARD, DE<br/>[72] GROSCH, GEORG HEINRICH, DE<br/>[72] LARBIG, HARALD, DE<br/>[71] BASF AKTIENGESSELLSCHAFT, DE<br/>[85] 2000-03-28<br/>[86] 1998-09-28 (PCT/EP98/06154)<br/>[87] 1999-04-08 (WO99/16775)<br/>[30] DE (197 42 978.5) 1997-09-29</p> | <p style="text-align: right;">[21] <b>2,305,671</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F26B 21/06 6G05D 22/02 6G05D 16/20</b><br/>[25] EN<br/>[54] <b>METHOD, CONTROL PARADIGM AND MEANS FOR MONITORING AND CONTROLLING THE PROCESS VARIABLES OF A PROCESS GAS FLOWING THROUGH A DRYER HOOD USED IN A DRYING PROCESS</b><br/>[54] <b>PROCEDE, PARADIGME DE COMMANDE, ET ORGANES DE SURVEILLANCE ET DE COMMANDE DES VARIABLES DE TRAITEMENT D'UN GAZ DE TRAITEMENT COULANT DANS UNE HOTTE DE SECHAGE UTILISEE DANS UN PROCESSUS DE SECHAGE</b><br/>[72] FORSMAN, KRISTER, SE<br/>[72] SIGVANT, ROGER, SE<br/>[71] ABB AB, SE<br/>[85] 2000-03-28<br/>[86] 1998-10-02 (PCT/SE98/01781)<br/>[87] 1999-04-15 (WO99/18405)<br/>[30] SE (9703611-5) 1997-10-03</p> |

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| <p style="text-align: right;">[21] <b>2,305,672</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6E01H 4/02</b><br/>[25] EN<br/>[54] <b>DEVICE FOR FORMING HALF-PIPES</b><br/>[54] <b>DISPOSITIF DE FORMATION DE DEMI-LUNES</b><br/>[72] KANZLER, HELMUT, DE<br/>[71] KASSBOHRER<br/>GELANDEFABRIK AG, DE<br/>[85] 2000-03-28<br/>[86] 1998-10-06 (PCT/EP98/06361)<br/>[87] 1999-04-15 (WO99/18292)<br/>[30] DE (297 17 753.2) 1997-10-06</p>  | <p style="text-align: right;">[21] <b>2,305,676</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07C 45/38 6C07C 47/02 6C07C 51/235 6B01J 23/644 6C07C 45/84</b><br/>[25] EN<br/>[54] <b>METHOD FOR PRODUCING ALDEHYDES AND CARBOXYLIC ACIDS BY OXIDIZING PRIMARY ALCOHOLS</b><br/>[54] <b>PROCEDE POUR LA PREPARATION D'ALDEHYDES ET D'ACIDES CARBOXYLIQUES PAR OXYDATION D'ALCOOLS PRIMAIRES</b><br/>[72] HERRMANN, ALBERT THOMAS, DE<br/>[72] TONSEN, ERNST, DE<br/>[71] RWE-DEA AKTIENGESELLSCHAFT FUR MINERALOEL UND CHEMIE, DE<br/>[85] 2000-03-29<br/>[86] 1998-09-26 (PCT/DE98/02917)<br/>[87] 1999-04-15 (WO99/18058)<br/>[30] DE (197 43 621.8) 1997-10-02</p>                         | <p style="text-align: right;">[21] <b>2,305,692</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C08F 4/64 7C08F 10/00</b><br/>[25] EN<br/>[54] <b>PRE-POLYMERIZED CATALYST COMPONENTS FOR THE POLYMERIZATION OF OLEFINS</b><br/>[54] <b>COMPOSANTS PREPOLYMERISES DE CATALYSEURS POUR LA POLYMERISATION D'OLEFINES</b><br/>[72] VITALE, GIANNI, IT<br/>[72] SACCHETTI, MARIO, IT<br/>[72] ZAMBON, LICIO, IT<br/>[71] MONTELL TECHNOLOGY COMPANY B.V., NL<br/>[85] 2000-03-29<br/>[86] 1999-07-23 (PCT/EP99/05356)<br/>[87] 2000-02-17 (WO00/08065)<br/>[30] IT (MI98A001823) 1998-08-03</p> |
| <p style="text-align: right;">[21] <b>2,305,673</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6D06M 13/46 6D06P 5/06</b><br/>[25] EN<br/>[54] <b>FINISHING FOR JEANS MATERIAL</b><br/>[54] <b>APPRET POUR TISSU DE JEANS</b><br/>[72] POPPENWIMMER, KURT, CH<br/>[72] FREUDEMANN, FRED, DE<br/>[72] DANNER, BERNARD, FR<br/>[71] CLARIANT FINANCE (BVI) LIMITED, VG<br/>[85] 2000-03-29<br/>[86] 1998-09-30 (PCT/IB98/01514)<br/>[87] 1999-04-15 (WO99/18280)<br/>[30] EP (97810730.8) 1997-10-03</p> | <p style="text-align: right;">[21] <b>2,305,677</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6D06P 1/52 6D06P 5/00 6C08G 18/08 6D06P 1/44</b><br/>[25] EN<br/>[54] <b>BIODEGRADABLE BINDING AGENTS FOR DYEING</b><br/>[54] <b>LIANTS BIODEGRADABLES POUR LA TEINTURE</b><br/>[72] TRAUBEL, HARRO, DE<br/>[72] KOCH, RAINHARD, DE<br/>[72] DONKELS, NORBERT, DE<br/>[72] SEILER, HANS JOERG, DE<br/>[72] MEYER, JOSEF, DE<br/>[72] PIRKOTSCH, MICHAEL, DE<br/>[72] SCHULZE, HANS, DE<br/>[72] MULLER, HANNS-PETER, DE<br/>[71] BAYER AKTIENGESELLSCHAFT, DE<br/>[85] 2000-03-29<br/>[86] 1998-09-18 (PCT/EP98/05941)<br/>[87] 1999-04-08 (WO99/16958)<br/>[30] DE (197 43 457.6) 1997-10-01</p> | <p style="text-align: right;">[21] <b>2,305,694</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6D02J 1/22 6G01N 33/36</b><br/>[25] EN<br/>[54] <b>DRAW POINT CONTROL ARRANGEMENT</b><br/>[54] <b>DISPOSITIF DE REGULATION DU POINT D'ETIRAGE</b><br/>[72] BREMSER, KEVIN GUY, US<br/>[72] STANLEY, JON OVITT, US<br/>[72] CHAMPANERIA, NITIN JIVANLAL, US<br/>[71] E.I. DU PONT DE NEMOURS AND COMPANY, US<br/>[85] 2000-03-29<br/>[86] 1998-10-09 (PCT/US98/21457)<br/>[87] 1999-05-06 (WO99/22055)<br/>[30] US (08/957,034) 1997-10-24</p>  |
| <p style="text-align: right;">[21] <b>2,305,674</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B65B 69/00</b><br/>[25] EN<br/>[54] <b>DE-WIRING APPARATUS</b><br/>[54] <b>APPAREIL DE DECERCLAGE</b><br/>[72] AXNER, PER-OLOF, SE<br/>[71] VALMET FIBERTECH AB, SE<br/>[85] 2000-03-29<br/>[86] 1998-10-05 (PCT/SE98/01787)<br/>[87] 1999-04-15 (WO99/17993)<br/>[30] SE (9703609-9) 1997-10-03</p>   | <p style="text-align: right;">[21] <b>2,305,696</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B32B 31/00 6B44C 1/165</b><br/>[25] EN<br/>[54] <b>MANUFACTURE OF THIN METAL OBJECTS</b><br/>[54] <b>FABRICATION D'OBJETS METALLIQUES MINCES</b><br/>[72] KYDD, PAUL H., US<br/>[71] PARTNERSHIPS LIMITED, INC., US<br/>[85] 2000-03-29<br/>[86] 1998-09-30 (PCT/US98/20420)<br/>[87] 1999-04-08 (WO99/16601)<br/>[30] US (60/060,522) 1997-09-30</p>  |   |



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[21] **2,305,697**  
[13] A1

[51] **Int.Cl. 6A61B 17/36**  
[25] EN  
[54] **EYE TRACKING DEVICE FOR LASER EYE SURGERY USING CORNEAL MARGIN DETECTION**  
[54] **DETECTEUR DE POSITION OCULAIRE POUR CHIRURGIE DE L'OEIL AU LASER, FAISANT APPEL A LA DETECTION DE MARGE CORNEENNE**  
[72] OLTEAN, IOAN T., US  
[72] SHIMMICK, JOHN K., US  
[72] CLAPHAM, TERRANCE N., US  
[71] VISX INCORPORATED, US  
[85] 2000-03-29  
[86] 1998-10-08 (PCT/US98/21280)  
[87] 1999-04-22 (WO99/18868)  
[30] US (60/062,038) 1997-10-10  
[30] US (09/167,957) 1998-10-06

[21] **2,305,699**  
[13] A1

[51] **Int.Cl. 6B62D 33/10**  
[25] EN  
[54] **A CABIN ESPECIALLY FOR CROSS-COUNTRY VEHICLES**  
[54] **CABINE DESTINEE TOUT PARTICULIEREMENT AUX VEHICULES TOUS TERRAINS**  
[72] NYSTROM, STEN, SE  
[71] PENDO AB, SE  
[85] 2000-03-29  
[86] 1998-07-31 (PCT/SE98/01428)  
[87] 1999-04-08 (WO99/16661)  
[30] SE (9703537-2) 1997-09-30

[21] **2,305,700**  
[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04Q 11/04**  
[25] EN  
[54] **HIERARCHICAL SCHEDULES FOR DIFFERENT ATM TRAFFIC**  
[54] **ORDONNANCEMENT HIERARCHIQUE POUR DIVERS TYPES DE TRAFICS ATM**  
[72] OZVEREN, CUNEYT M., US  
[72] PEI, TONG-BI, US  
[71] CABLETRON SYSTEMS, INC., US  
[85] 2000-03-29  
[86] 1998-11-17 (PCT/US98/24540)  
[87] 1999-05-27 (WO99/26382)  
[30] US (08/972,267) 1997-11-18

[21] **2,305,702**  
[13] A1

[51] **Int.Cl. 6B29B 15/04 6C08L 21/00 6B01F 5/02 6C08K 3/04 6C08C 1/15 6C08J 3/215 6C08J 3/22 6C08K 3/36**  
[25] EN  
[54] **ELASTOMER COMPOSITE BLENDS AND METHODS FOR PRODUCING THEM**  
[54] **MELANGES COMPOSITES A BASE D'ELASTOMERE ET PROCEDES D'ELABORATION**  
[72] MABRY, MELINDA ANN, US  
[72] SHELL, JAMES A., US  
[72] MORGAN, ALLAN CLARK, US  
[72] PODOBNIK, IVAN ZLATKO, US  
[72] CHUNG, BIN, US  
[72] TOKITA, NOBORU, US  
[72] WANG, TING, US  
[71] CABOT CORPORATION, US  
[85] 2000-03-29  
[86] 1998-09-28 (PCT/US98/20279)  
[87] 1999-04-08 (WO99/16600)  
[30] US (08/941,766) 1997-09-30  
[30] US (08/942,449) 1997-10-01

[21] **2,305,704**  
[13] A1

[51] **Int.Cl. 6A61K 9/127 6A61K 9/16 6A61K 9/19**  
[25] EN  
[54] **PEPTIDE/LIPID COMPLEX FORMATION BY CO-LYOPHILIZATION**  
[54] **FORMATION D'UN COMPLEXE PEPTIDES/LIPIDES PAR CO-LYOPHILISATION**  
[72] DASSEUX, JEAN-LOUIS, US  
[71] DASSEUX, JEAN-LOUIS, US  
[85] 2000-03-29  
[86] 1998-09-28 (PCT/US98/20330)  
[87] 1999-04-15 (WO99/17740)  
[30] US (08/942,597) 1997-10-02

[21] **2,305,705**  
[13] A1

[51] **Int.Cl. 6C08J 9/14 6C07C 5/03 6C08L 75/04 6C07C 13/10**  
[25] EN  
[54] **A METHOD FOR FORMING INTEGRAL SKIN FLEXIBLE FOAMS FROM HIGH PURITY CYCLOPENTANE AND BLEND THEREOF**  
[54] **PROCEDE POUR FORMER DES MOUSSES SOUPLES A PEAU INTEGREE A PARTIR DE CYCLOPENTANE PUR ET DE SON MELANGE**  
[72] MERCHANT, PHILIP JR., US  
[72] HAMPTON, SHERMAN W., US  
[71] EXXON CHEMICAL PATENTS, INC., US  
[85] 2000-03-29  
[86] 1998-09-29 (PCT/US98/20704)  
[87] 1999-04-08 (WO99/16816)  
[30] US (60/060,267) 1997-09-29

[21] **2,305,707**  
[13] A1

[51] **Int.Cl. 6C12N 15/31 6A61K 38/16 6C07K 14/82**  
[25] EN  
[54] **MUTANTS OF YEAST CDC24P, DEFECTIVE IN BINDING OF THE G-PROTEIN BETA SUBUNIT**  
[54] **MUTANTS DE LEVURE CDC2P, DEFICIENTS DANS LA LIAISON DE LA SOUS-UNITE BETA DE PROTEINE G**  
[72] ARKOWITZ, ROBERT ALAN, GB  
[72] NERN, PETER MICHAEL ALJOSCHA, GB  
[71] MEDICAL RESEARCH COUNCIL, GB  
[85] 2000-04-07  
[86] 1998-10-08 (PCT/GB98/03033)  
[87] 1999-04-15 (WO99/18213)  
[30] GB (9721357.3) 1997-10-08  
[30] GB (9721358.1) 1997-10-08  
[30] GB (9812793.9) 1998-06-12

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[51] **Int.Cl. 6C12N 15/57 6C11D 3/386 6C07K 16/40 6A61K 7/48 6A61K 38/48 6C12N 9/64**

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[54] **A KERATINOCYTE DERIVED PROTEASE**

[54] **PROTEASE DERIVEE D'UN KERATINOCYTE**

[72] KITADO, HARUO, JP

[72] YOSHIKAWA, AKIKAZU, JP

[72] ZAIKI, TOMOKO, JP

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2000-03-30

[86] 1997-10-03 (PCT/US97/17864)

[87] 1999-04-15 (WO99/18219)

[21] **2,305,709**  
[13] A1

[51] **Int.Cl. 6A61K 9/14 6A61K 39/00 6C07K 14/00 6C07K 16/00 6C12N 5/00 6A61K 39/02 6C07H 21/04 6A61K 39/118 6C07K 16/12 6A61K 9/127 6A61K 38/16 6C07K 14/195 6C07K 14/295 6A61K 39/395 6A61K 39/40 6A61K 9/48 6G01N 33/53 6G01N 33/563 6G01N 33/571 6C12N 15/63 6C12Q 1/68**

[25] EN

[54] **CHLAMYDIA PROTEIN, GENE SEQUENCE AND USES THEREOF**

[54] **PROTEINE DE CHLAMYDIA, SEQUENCE GENIQUE, ET UTILISATIONS CORRESPONDANTES**

[72] JACKSON, W. JAMES, US

[72] PACE, JOHN L., US

[71] ANTEX BIOLOGICS INC., US

[85] 2000-03-29

[86] 1998-10-01 (PCT/US98/20737)

[87] 1999-04-15 (WO99/17741)

[30] US (08/942,596) 1997-10-02

[21] **2,305,711**  
[13] A1

[51] **Int.Cl. 6C07K 14/435 6C09K 11/06 6G01N 33/53 6G01N 33/566 6C07K 14/705**

[25] EN

[54] **ASSAYS FOR NUCLEAR RECEPTOR LIGANDS USING FRET**

[54] **ESSAIS POUR LIGANDS A RECEPTEURS NUCLEAIRES REPOSANT SUR LE TRANSFERT D'ENERGIE DE RESONANCE EN FLUORESCENCE**

[72] CUMMINGS, RICHARD T., US

[72] ZHOU, GAOCHAO, US

[72] HERMES, JEFFREY D., US

[72] MOLLER, DAVID E., US

[71] MERCK & CO., INC., US

[85] 2000-04-06

[86] 1998-10-06 (PCT/US98/21049)

[87] 1999-04-15 (WO99/18124)

[30] US (60/061,385) 1997-10-07

[21] **2,305,712**  
[13] A1

[51] **Int.Cl. 6C12N 15/13 6C07K 16/00 6C12P 21/08 6C12N 5/14 6C12N 1/15 6C12N 5/16 6C12N 1/19 6C12N 1/21 6A61K 39/395 6C12N 15/62 6C12N 15/63**

[25] EN

[54] **NATURAL HUMAN ANTIBODY**

[54] **ANTICORPS HUMAIN NATUREL**

[72] TSUCHIYA, MASAYUKI, JP

[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP

[85] 2000-03-31

[86] 1998-10-02 (PCT/JP98/04469)

[87] 1999-04-15 (WO99/18212)

[30] JP (9/271726) 1997-10-03

[21] **2,306,188**  
[13] A1

[51] **Int.Cl. 6C12N 15/52 6A01H 5/00 6A01H 5/10 6C12N 5/10 6C12N 15/62 6C12N 15/82 6C12N 15/90**

[25] EN

[54] **A NOVEL METHOD FOR THE INTEGRATION OF FOREIGN DNA INTO EUKARYOTIC GENOMES**

[54] **NOUVEAU PROCEDURE D'INTEGRATION D'ADN ETRANGER DANS DES GENOMES EUKARYOTIQUES**

[72] LYZNIK, LESZEK ALEXANDER, US

[72] GUAN, XUENI, US

[72] BASZCZYNSKI, CHRISTOPHE L., US

[72] GORDON-KAMM, WILLIAM J., US

[72] TAGLIANI, LAURA A., US

[72] RAO, ARAGULA GURURAJ, US

[71] PIONEER HI-BRED INTERNATIONAL, INC., US

[85] 2000-05-18

[86] 1998-11-17 (PCT/US98/24608)

[87] 1999-05-27 (WO99/25840)

[30] US (60/065,613) 1997-11-18

[30] US (60/065,627) 1997-11-18

[30] US (60/099,435) 1998-09-08

[21] **2,306,251**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12P 19/34 6C07K 14/47 6C12N 15/63 6C12Q 1/68 6C12N 15/85**

[25] EN

[54] **ALPHA-7 NICOTINIC RECEPTOR**

[54] **RECEPTEUR NICOTINIQUE ALPHA-7**

[72] LEONARD, SHERRY, US

[72] FREEDMAN, ROBERT, US

[71] LEONARD, SHERRY, US

[71] FREEDMAN, ROBERT, US

[85] 2000-04-12

[86] 1998-10-15 (PCT/US98/21762)

[87] 1999-04-29 (WO99/20757)

[30] US (08/956,518) 1997-10-23

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[13] A1  
[51] **Int.Cl. 6C12N 15/67 6C12N 5/06 6C12N 15/63**  
[25] EN  
[54] **RAPID GENERATION OF STABLE MAMMALIAN CELL LINES PRODUCING HIGH LEVELS OF RECOMBINANT PROTEINS**  
[54] **GENERATION RAPIDE DE LIGNEES CELLULAIRES MAMMIFERES STABLES PRODUISANT DES NIVEAUX ELEVES DE PROTEINES RECOMBINANTES**  
[72] MCCOY, JOHN, US  
[72] TOMKINSON, KATHLEEN, US  
[72] DAVIES, MONIQUE, US  
[71] GENETICS INSTITUTE, INC., US  
[85] 2000-04-17  
[86] 1998-10-21 (PCT/US98/22231)  
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[30] US (60/063,449) 1997-10-29  
[30] US (09/175,690) 1998-10-20

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[21] **2,306,455**  
[13] A1  
[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6A61K 38/17 6C07K 16/28 6G01N 33/577 6C12N 15/62 6G01N 33/68 6C12Q 1/68 6C07K 14/715**  
[25] EN  
[54] **HUMAN RECEPTOR PROTEINS; RELATED REAGENTS AND METHODS**  
[54] **PROTEINES RECEPTRICES HUMAINES ET REACTIFS ET METHODES ASSOCIES**  
[72] KASTELEIN, ROBERT A., US  
[72] DEBETS, JOHANNES EDUARD MARIA ANTONIUS, US  
[72] TIMANS, JACQUELINE C., US  
[72] SANA, THEODORE R., US  
[72] BAZAN, J. FERNANDO, US  
[71] SCHERING CORPORATION, US  
[85] 2000-04-10  
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[30] US (08/951,829) 1997-10-15  
[30] US (08/971,635) 1997-11-17  
[30] US (60/078,008) 1998-03-12  
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[13] A1  
[51] **Int.Cl. 6C07D 211/66 6C07D 335/02 6C07D 239/04 6C07D 309/08 6C07D 405/12 6C07D 407/12 6C07D 409/12 6C07D 417/12 6C07D 405/14 6A61K 31/16 6A61K 31/35 6C07C 317/44 6A61K 31/445 6C07D 211/94**  
[25] EN  
[54] **AROMATIC SULFONE HYDROXAMIC ACID METALLOPROTEASE INHIBITOR**  
[54] **INHIBITEUR DE METALLOPROTEASE A BASE D'ACIDE HYDROXAMIQUE AROMATIQUE SULFONE**  
[72] BARTA, THOMAS E., US  
[72] BOEHM, TERRI L., US  
[72] MCDONALD, JOSEPH J., US  
[72] BECKER, DANIEL P., US  
[72] DE CRESCENZO, GARY A., US  
[72] VILLAMIL, CLARA I., US  
[72] GETMAN, DANIEL P., US  
[72] FRESKOS, JOHN N., US  
[71] G.D. SEARLE & CO., US  
[85] 2000-04-13  
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[87] 1999-05-27 (WO99/25687)  
[30] US (60/066,007) 1997-11-14

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[21] **2,306,672**  
[13] A1  
[51] **Int.Cl. 6C22B 9/18**  
[25] EN  
[54] **METHOD FOR DISSOLUTION OF NITROGEN-RICH INCLUSIONS IN TITANIUM AND TITANIUM ALLOYS**  
[54] **PROCEDE DE DISSOLUTION D'INCLUSIONS RICHES EN AZOTE DANS DU TITANE ET DES ALLIAGES DE TITANE**  
[72] BEWLAY, BERNARD PATRICK, US  
[72] GIGLIOTTI, MICHAEL FRANCIS JR., US  
[72] KNUDSEN, BRUCE ALAN, US  
[72] MESCHTER, PETER JOEL, US  
[72] BENZ, MARK GILBERT, US  
[72] CARTER, WILLIAM THOMAS JR., US  
[72] NIC, JOEL PATRICK, US  
[72] TARLOV, OLEG VLADIMIROVICH, UA  
[72] RADCHENKO, VLADIMIR NIKOLAYEVICH, US  
[72] PEROCCHI, LEE CRANFORD, US  
[72] RIABTSEV, ANATOLY DANILOVICH, UA  
[72] ZABALA, ROBERT JOHN, US  
[71] GENERAL ELECTRIC COMPANY, US  
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[13] A1  
[51] **Int.Cl. 6E04C 5/03**  
[25] EN  
[54] **CONSTRUCTION FITTING**  
[54] **ACCESSOIRE DE CONSTRUCTION**  
[72] HOWARTH, DAVID MICHAEL, GB  
[72] HAYNES, JOHN MICHAEL, GB  
[71] CIVIL ENGINEERED PRODUCTS LIMITED, GB  
[85] 2000-04-14  
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[87] 1999-04-29 (WO99/20856)  
[30] GB (9721974.5) 1997-10-17

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[13] A1

[51] **Int.Cl. 6C12Q 1/48 6C12Q 1/42 6G01N 33/573 6G01N 33/68**  
[25] EN  
[54] **FLUORESCENCE-BASED HIGH THROUGHPUT SCREENING ASSAYS FOR PROTEIN KINASES AND PHOSPHATASES**  
[54] **ESSAIS DE CRIBLAGE A HAUT RENDEMENT A BASE DE FLUORESCENCE POUR PROTEINES KINASES ET PHOSPHATASES**  
[72] MARSCHKE, CHARLES K., US  
[72] EPPS, DENNIS E., US  
[71] PHARMACIA & UPJOHN COMPANY, US  
[85] 2000-04-12  
[86] 1998-12-02 (PCT/US98/25196)  
[87] 1999-06-17 (WO99/29894)  
[30] US (60/067,833) 1997-12-05

[21] **2,306,688**  
[13] A1

[51] **Int.Cl. 6E02D 29/02**  
[25] EN  
[54] **ANCHORED RETAINING WALL SYSTEM**  
[54] **SYSTEME DE MUR DE RETENUE ANCRE**  
[72] WEINREB, DANIEL, CA  
[71] DURISOL INC., CA  
[85] 2000-04-17  
[86] 1998-10-14 (PCT/CA98/00961)  
[87] 1999-04-29 (WO99/20846)  
[30] US (60/062,218) 1997-10-16

[21] **2,306,689**  
[13] A1

[51] **Int.Cl. 6G04F 10/04 6G04F 10/10**  
[25] EN  
[54] **TIMING CIRCUIT**  
[54] **CIRCUIT DE BASE DE TEMPS**  
[72] CLARKE, DAVID JOHN, GB  
[72] LLOYD, CHRISTOPHER JAMES, GB  
[71] THE VICTORIA UNIVERSITY OF MANCHESTER, GB  
[85] 2000-04-17  
[86] 1998-10-16 (PCT/GB98/03093)  
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[30] GB (9721847.3) 1997-10-16  
[30] GB (9816703.4) 1998-08-01

[21] **2,306,692**  
[13] A1

[51] **Int.Cl. 6A01N 1/02 6C12N 5/02 6C12N 1/04 6A61K 38/05 6C07K 5/06**  
[25] EN  
[54] **DIPEPTIDE APOPTOSIS INHIBITORS AND THE USE THEREOF**  
[54] **DIPEPTIDES INHIBITEURS DE L' APOPTOSE ET UTILISATION DE CES DERNIERS**  
[72] YANG, WU, US  
[72] CAI, SUI XIONG, US  
[72] GUASTELLA, JOHN, US  
[72] DREWE, JOHN A., US  
[72] KEANA, JOHN F. W., US  
[71] CYTOVIA, INC., US  
[85] 2000-04-07  
[86] 1998-10-09 (PCT/US98/21232)  
[87] 1999-04-22 (WO99/18781)  
[30] US (60/061,676) 1997-10-10

[21] **2,306,693**  
[13] A1

[51] **Int.Cl. 6C12N 5/10 6G01N 33/50 6C12N 15/85**  
[25] EN  
[54] **CELL LINES USEFUL FOR IN VITRO ASSAY FOR IDENTIFICATION OF CARCINOGENS**  
[54] **LIGNEES CELLULAIRES UTILISEES DANS DES EPREUVES BIOLOGIQUES IN VITRO AUX FINS DE L' IDENTIFICATION DE SUBSTANCES CANCEROGENES**  
[72] KOWALSKI, LINDA A., CA  
[71] VIRATEST CARCINOGEN MONITORING, LTD., CA  
[85] 2000-04-14  
[86] 1998-10-14 (PCT/IB98/01618)  
[87] 1999-04-29 (WO99/20743)  
[30] US (08/951,983) 1997-10-16

[21] **2,306,697**  
[13] A1

[51] **Int.Cl. 6C12P 7/56 6C12N 1/20**  
[25] EN  
[54] **LOW PH LACTIC ACID FERMENTATION**  
[54] **FERMENTATION DE L' ACIDE LACTIQUE A PH BAS**  
[72] PETERS, EUGENE MAX JR., US  
[72] CARLSON, TING LIU, US  
[71] CARGILL INCORPORATED, US  
[85] 2000-04-12  
[86] 1998-10-13 (PCT/US98/21542)  
[87] 1999-04-22 (WO99/19503)  
[30] US (08/949,420) 1997-10-14

[21] **2,306,698**  
[13] A1

[51] **Int.Cl. 6C07D 487/04 6A61K 31/395**  
[25] EN  
[54] **CARBAPENEM ANTIBACTERIAL COMPOUNDS, COMPOSITIONS CONTAINING SUCH COMPOUNDS AND METHODS OF TREATMENT**  
[54] **COMPOSES ANTIBACTERIENS CARBAPENEMS, COMPOSITIONS CONTENANT CES COMPOSES ET METHODES DE TRAITEMENT**  
[72] SUN, WANYING, US  
[72] WILKENING, ROBERT R., US  
[72] WILDONGER, KENNETH J., US  
[72] CAMA, LOVJI D., US  
[72] RATCLIFFE, RONALD W., US  
[71] MERCK & CO., INC., US  
[85] 2000-04-17  
[86] 1998-10-19 (PCT/US98/22101)  
[87] 1999-04-29 (WO99/20628)  
[30] US (60/063,240) 1997-10-23  
[30] US (60/067,935) 1997-12-08  
[30] GB (9807942.9) 1998-04-14

[21] **2,306,699**  
[13] A1

[51] **Int.Cl. 6H04Q 7/38 6G01S 5/12 6H04Q 7/22**  
[25] EN  
[54] **SYSTEM AND METHOD FOR POSITIONING A MOBILE STATION IN A CDMA CELLULAR SYSTEM**  
[54] **SYSTEME ET PROCEDE DE POSITIONNEMENT D' UNE STATION MOBILE DANS UN SYSTEME CELLULAIRE AMCR**  
[72] KARLSSON, JONAS, SE  
[72] OVESJO, FREDRIK, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-04-17  
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| <p style="text-align: center;">[21] <b>2,306,963</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07H 17/08 6A61K 31/70</b><br/>[25] EN<br/>[54] <b>NOVEL 3,6-HEMIKETALS FROM THE CLASS OF 9A-AZALIDES</b><br/>[54] <b>NOUVEAUX 3,6-HEMICETALS APPARTENANT A LA CLASSE DES 9A-AZALIDES</b><br/>[72] VINKOVIC, MLADEN, HR<br/>[72] LAZAREVSKI, GORJANA, HR<br/>[72] KOBREHEL, GABRIJELA, HR<br/>[71] PLIVA, FARMACEUTSKA INDUSTRIJA, DIONICKO DRUSTVO, HR<br/>[85] 2000-04-14<br/>[86] 1998-10-13 (PCT/HR98/00005)<br/>[87] 1999-04-29 (WO99/20639)<br/>[30] HR (P970551A) 1997-10-16<br/>[30] HR (P980497A) 1998-09-10</p> | <p style="text-align: center;">[21] <b>2,307,223</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H02G 1/12</b><br/>[25] EN<br/>[54] <b>OPTICAL FIBER PREPARATION UNIT</b><br/>[54] <b>UNITE DE PREPARATION DE FIBRE OPTIQUE</b><br/>[72] DODGE, SHAWN W., US<br/>[72] WARE, SCOT K., US<br/>[71] AMHERST INTERNATIONAL, INC., US<br/>[85] 2000-04-25<br/>[86] 1998-10-22 (PCT/US98/22316)<br/>[87] 1999-04-29 (WO99/21257)<br/>[30] US (08/956,283) 1997-10-23</p>                                | <p style="text-align: center;">[21] <b>2,307,297</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G06F 11/36</b><br/>[25] EN<br/>[54] <b>INTERACTIVE DEBUGGING SYSTEM WITH DEBUG DATA BASE SYSTEM</b><br/>[54] <b>OUTIL INTERACTIF DE DEBOGAGE COMPRENANT UN SYSTEME DE BASE DE DONNEES DE DEBOGAGE</b><br/>[72] RODRIGUEZ RIVERA, GUSTAVO, US<br/>[72] FITERMAN, CHARLES, US<br/>[72] SPERTUS, MICHAEL P., US<br/>[71] GEODESIC SYSTEMS, INC., US<br/>[85] 2000-04-17<br/>[86] 1998-10-28 (PCT/US98/22923)<br/>[87] 1999-05-06 (WO99/22288)<br/>[30] US (60/063,992) 1997-10-29</p>   |
| <p style="text-align: center;">[21] <b>2,307,214</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A23L 2/42 6A23L 2/58</b><br/>[25] EN<br/>[54] <b>PREVENTING OFF-FLAVOR IN CERTAIN CARAMEL-COLORED BEVERAGES</b><br/>[54] <b>PREVENTION DES SAVEURS ANORMALES DANS CERTAINES BOISSONS CARAMEL</b><br/>[72] WATKINS, EDWARD K., US<br/>[72] HAY, BRUCE A., US<br/>[71] CULTOR FOOD SCIENCE, INC., US<br/>[85] 2000-04-25<br/>[86] 1997-10-29 (PCT/US97/19222)<br/>[87] 1999-05-06 (WO99/21441)</p>  | <p style="text-align: center;">[21] <b>2,307,224</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C09G 1/04 6C09G 1/16</b><br/>[25] EN<br/>[54] <b>COMPOSITION AND PROCESS FOR TREATING HARD SURFACES</b><br/>[54] <b>COMPOSITION ET PROCEDE PERMETTANT DE TRAITER LES SURFACES DURES</b><br/>[72] BROWN, COLIN W., US<br/>[71] S. C. JOHNSON &amp; SON, INC., US<br/>[85] 2000-04-20<br/>[86] 1998-10-22 (PCT/US98/22210)<br/>[87] 1999-04-29 (WO99/20704)<br/>[30] GB (9722321.8) 1997-10-22</p> | <p style="text-align: center;">[21] <b>2,307,316</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07H 21/04 6C07K 16/00 6C12N 15/00 6C12N 15/11 6C12N 15/63 6C12N 15/85 6C12N 15/86</b><br/>[25] EN<br/>[54] <b>KCNQ2 AND KCNQ3-POTASSIUM CHANNEL GENES WHICH ARE MUTATED IN BENIGN FAMILIAL NEONATAL CONVULSIONS (BFNC) AND OTHER EPILEPSIES</b><br/>[54] <b>KNCQ2 ET KNCQ3, GENES DU CANAL POTASSIUM AYANT SUBI UNE MUTATION DANS DES CONVULSIONS NEONATALES FAMILIALES BENIGNES (BFNC) ET D'AUTRES EPILEPSIES</b><br/>[72] LEPPERT, MARK F., US<br/>[72] CHARLIER, CAROLE, BE<br/>[72] SINGH, NANDA A., US<br/>[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US<br/>[85] 2000-04-19<br/>[86] 1998-10-23 (PCT/US98/22375)<br/>[87] 1999-05-06 (WO99/21875)<br/>[30] US (60/063,147) 1997-10-24</p> |
| <p style="text-align: center;">[21] <b>2,307,222</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G02C 7/02 6G02C 7/06</b><br/>[25] EN<br/>[54] <b>MYOPIA LENS</b><br/>[54] <b>LENTILLE DE CORRECTION DE MYOPIE</b><br/>[72] PAVY, SIMON JOHN, AU<br/>[72] KRIS, DIMITRIOS JACK, AU<br/>[72] VARNAS, SAULIUS RAYMOND, AU<br/>[72] FISHER, SCOTT WARREN, AU<br/>[72] EDWARDS, SIMON JOHN, AU<br/>[71] SOLA INTERNATIONAL HOLDINGS LTD., AU<br/>[85] 2000-04-25<br/>[86] 1999-04-26 (PCT/AU99/00305)<br/>[87] 1999-12-23 (WO99/66366)<br/>[30] AU (PP 4063) 1998-06-12</p>  | <p style="text-align: center;">[21] <b>2,307,225</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F16D 25/02 6F16D 25/0638</b><br/>[25] EN<br/>[54] <b>SELF-CONTAINED HYDRAULIC COUPLING</b><br/>[54] <b>COUPLEUR HYDRAULIQUE AUTONOME</b><br/>[72] BURNS, TIMOTHY M., US<br/>[71] NEW VENTURE GEAR, INC., US<br/>[85] 2000-04-25<br/>[86] 1998-10-27 (PCT/US98/22784)<br/>[87] 1999-05-20 (WO99/24731)<br/>[30] US (60/064,704) 1997-11-07<br/>[30] US (09/176,807) 1998-10-22</p>                |   |

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[51] **Int.Cl. 6G01N 33/68 6C07K 16/00 6C12N 15/00 6C12P 21/02 6C12N 15/11 6C12N 15/12 6A61K 38/16 6A61K 38/17 6G01N 33/53 6C12N 15/63**

[25] EN  
[54] **148 HUMAN SECRETED PROTEINS**  
[54] **148 PROTEINES HUMAINES SECRETEES**

[72] FLORENCE, KIMBERLY A., US  
[72] EBNER, REINHARD, US  
[72] SOPPET, DANIEL R., US  
[72] FENG, PING, US  
[72] SHI, YANGGU, US  
[72] FLORENCE, CHARLES, US  
[72] BREWER, LAURIE A., US  
[72] ROSEN, CRAIG A., US  
[72] CARTER, KENNETH C., US  
[72] WEI, YING-FEI, US  
[72] GREENE, JOHN M., US  
[72] LAFLEUR, DAVID W., US  
[72] OLSEN, HENRIK S., US  
[72] YOUNG, PAUL, US  
[72] DUAN, D. ROXANNE, US  
[72] MOORE, PAUL A., US  
[72] KYAW, HLA, US  
[72] ENDRESS, GREGORY A., US  
[72] RUBEN, STEVEN M., US  
[72] NI, JIAN, US  
[72] JANAT, FOUAD, US  
[71] HUMAN GENOME SCIENCES, INC., US

[85] 2000-04-20  
[86] 1998-10-23 (PCT/US98/22376)  
[87] 1999-05-06 (WO99/22243)  
[30] US (60/063,099) 1997-10-24  
[30] US (60/063,088) 1997-10-24  
[30] US (60/063,100) 1997-10-24  
[30] US (60/063,387) 1997-10-24  
[30] US (60/063,148) 1997-10-24  
[30] US (60/063,386) 1997-10-24  
[30] US (60/062,784) 1997-10-24  
[30] US (60/063,091) 1997-10-24  
[30] US (60/063,090) 1997-10-24  
[30] US (60/063,089) 1997-10-24  
[30] US (60/063,092) 1997-10-24  
[30] US (60/063,111) 1997-10-24  
[30] US (60/063,101) 1997-10-24  
[30] US (60/063,109) 1997-10-24  
[30] US (60/063,110) 1997-10-24  
[30] US (60/063,098) 1997-10-24  
[30] US (60/063,097) 1997-10-24

[21] **2,307,322**  
[13] A1

[51] **Int.Cl. 6A61K 38/17 6A61K 31/00 6A61K 48/00 6C12N 5/00 6C07H 21/04 6C12N 15/11 6C12N 15/12 6C07K 14/46 6A61K 31/47 6A61K 31/495 6A61K 31/55 6A61K 31/70**

[25] EN  
[54] **REGULATION OF EPITHELIAL TISSUE BY HEDGEHOG-LIKE POLYPEPTIDES, AND FORMULATIONS AND USES RELATED THERETO**  
[54] **REGULATION DE TISSU EPITHELIAL PAR POLYPEPTIDES DE TYPE HEDGEHOG (HH), FORMULATIONS ET UTILISATIONS ASSOCIEES**

[72] WANG, ELIZABETH A., US  
[71] ONTOGENY, INC., US  
[85] 2000-04-19  
[86] 1998-10-20 (PCT/US98/22227)  
[87] 1999-04-29 (WO99/20298)  
[30] US (08/955,552) 1997-10-20  
[30] US (09/151,999) 1998-09-11

[21] **2,307,324**  
[13] A1

[51] **Int.Cl. 6C12N 15/56 6C12N 9/26 6C11D 3/386**

[25] EN  
[54] **METHODS FOR PRODUCING AMYLASE ENZYMES**  
[54] **TECHNIQUES DE PRODUCTION D'ENZYMES AMYLASE**

[72] CONVENTS, ANDRE CHRISTIAN, US  
[72] MOORE, SHERRI ANN, US  
[72] RAI, SAROJ, US  
[72] BAECK, ANDRE CESAR, BE  
[72] GRAYLING, ROWAN ANDREW, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-04-17  
[86] 1998-10-14 (PCT/IB98/01615)  
[87] 1999-04-29 (WO99/20768)  
[30] US (60/062,272) 1997-10-17

[21] **2,307,328**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 38/17 6C07K 16/18 6C07K 14/47 6G01N 33/566 6C12Q 1/68**

[25] EN  
[54] **CELL DIVISION REGULATORS**  
[54] **REGULATEURS DE LA DIVISION CELLULAIRE**

[72] CORLEY, NEIL C., US  
[72] SHAH, PURVI, US  
[72] LAL, PREETI, US  
[72] HILLMAN, JENNIFER L., US  
[72] BANDMAN, OLGA, US  
[71] INCYTE PHARMACEUTICALS, INC., US

[85] 2000-04-13  
[86] 1998-10-14 (PCT/US98/21728)  
[87] 1999-04-22 (WO99/19486)  
[30] US (08/951,148) 1997-10-15

[21] **2,307,330**  
[13] A1

[51] **Int.Cl. 6C12N 15/11 6C07K 16/18 6C07K 14/47**

[25] EN  
[54] **JMY, A CO-ACTIVATOR FOR P300/CBP, NUCLEIC ACID ENCODING JMY AND USES THEREOF**  
[54] **JMY QUIEST UN COACTIVATEUR DE P300/CBP, ACIDE NUCLEIQUE CODANT JMY ET LEURS UTILISATIONS**

[72] SHIKAMA, NORIKO, GB  
[72] LA THANGUE, NICHOLAS BARRIE, GB  
[71] THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW, GB

[85] 2000-04-18  
[86] 1998-10-21 (PCT/GB98/03152)  
[87] 1999-04-29 (WO99/20752)  
[30] GB (9722238.4) 1997-10-21  
[30] GB (9818235.5) 1998-08-20

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[13] A1  
[51] **Int.Cl. 6A61K 39/02 6C07K 1/00 6C07K 16/00 6A61K 39/08 6A61K 39/40**  
[25] EN  
[54] **PASSIVE IMMUNIZATION AGAINST CLOSTRIDIUM DIFFICILE DISEASE**  
[54] **IMMUNISATION PASSIVE CONTRE LA MALADIE DE CLOSTRIDIUM DIFFICILE**  
[72] MONATH, THOMAS P., US  
[72] GIANNASCA, PAUL, US  
[72] THOMAS, WILLIAM D., JR., US  
[72] LEI, WENDE, US  
[72] ZHANG, ZHENGL, US  
[71] ORAVAX, INC., US  
[85] 2000-04-20  
[86] 1998-10-20 (PCT/US98/22216)  
[87] 1999-04-29 (WO99/20304)  
[30] US (60/062,522) 1997-10-20

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[21] **2,307,335**  
[13] A1  
[51] **Int.Cl. 6A61C 3/025 6A61C 17/06**  
[25] EN  
[54] **EVACUATION APPARATUS FOR USE DURING DENTAL ABRASION PROCEDURES**  
[54] **APPAREIL D'EVACUATION UTILISE PENDANT UN ACTE D'ABRASION DENTAIRE**  
[72] BRASSIL, JOHN MICHAEL, US  
[72] AYZENSHTeyN, MIKHAIL, US  
[72] BERRY, STEPHEN D., US  
[72] QUINTANA, REYNALDO JOSE, US  
[72] CHANG, SHU KUN, US  
[71] MIDWEST DENTAL PRODUCTS CORPORATION, US  
[85] 2000-04-14  
[86] 1998-07-30 (PCT/US98/15746)  
[87] 1999-04-29 (WO99/20197)  
[30] US (08/953,079) 1997-10-17

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[21] **2,307,337**  
[13] A1  
[51] **Int.Cl. 6C07C 51/215 6C07C 51/25 6B01J 23/652**  
[25] EN  
[54] **METHOD FOR SELECTIVELY PRODUCING ACETIC ACID THROUGH THE CATALYTIC OXIDATION OF ETHANE**  
[54] **PROCEDE DE PREPARATION SELECTIVE D'ACIDE ACETIQUE PAR OXYDATION CATALYTIQUE D'ETHANE**  
[72] BORCHERT, HOLGER, DE  
[72] DINGERDISSEN, UWE, DE  
[71] CELANESE CHEMICALS EUROPE GMBH, DE  
[85] 2000-04-14  
[86] 1998-10-09 (PCT/EP98/06414)  
[87] 1999-04-29 (WO99/20592)  
[30] DE (197 45 902.1) 1997-10-17

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[21] **2,307,332**  
[13] A1  
[51] **Int.Cl. 6A61K 49/00**  
[25] EN  
[54] **MAGNETIC RESONANCE IMAGING AGENTS FOR THE DELIVERY OF THERAPEUTIC AGENTS**  
[54] **AGENTS D'IMAGERIE PAR RESONANCE MAGNETIQUE SERVANT A L'APPORT D'AGENTS THERAPEUTIQUES**  
[72] MEADE, THOMAS J., US  
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US  
[85] 2000-04-26  
[86] 1998-10-27 (PCT/US98/22743)  
[87] 1999-05-06 (WO99/21592)  
[30] US (60/063,328) 1997-10-27

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[13] A1  
[51] **Int.Cl. 6A61B 5/103**  
[25] EN  
[54] **LAYER OF MATERIAL FOR USE WITH TISSUE EXAMINATION DEVICE**  
[54] **COUCHE DE MATERIAU A UTILISER AVEC DES DISPOSITIFS D'EXAMEN DES TISSUS**  
[72] ROBERTS, TROY WILLIAM, US  
[72] CUNDARI, MICHAEL A., US  
[72] WEST, ALAN IRVING, US  
[71] ASSURANCE MEDICAL, INC., US  
[85] 2000-04-14  
[86] 1998-10-16 (PCT/US98/21920)  
[87] 1999-04-29 (WO99/20178)  
[30] US (08/954,454) 1997-10-20

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[21] **2,307,338**  
[13] A1  
[51] **Int.Cl. 6H04Q 11/04 6H04L 12/24**  
[25] EN  
[54] **MODULE FOR OAM PROCESSING OF ATM CELLS OF A CELL FLUX ON VIRTUAL CONNECTIONS**  
[54] **MODULE POUR TRAITEMENT EAG DE CELLULES MTA D'UN FLUX DE CELLULES SUR DES LIAISONS VIRTUELLES**  
[72] HINTERBERGER, CHRISTIAN, DE  
[72] VON SOOSTEN, OLIVER, DE  
[72] AMANDI, DIRK, DE  
[72] BECK, CHRISTOPH, DE  
[71] SIEMENS AKTIENGESSELLSCHAFT, DE  
[85] 2000-04-14  
[86] 1998-10-16 (PCT/DE98/03043)  
[87] 1999-04-29 (WO99/21393)  
[30] DE (197 45 790.8) 1997-10-16  
[30] DE (197 48 700.9) 1997-11-04

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[13] A1  
[51] **Int.Cl. 6G01N 33/50 6A61K 35/78**  
[25] EN  
[54] **PHARMACEUTICAL GRADE VALERIAN, BLACK COHOSH, VITEX AGNUS-CASTUS, BILBERRY AND MILK THISTLE**  
[54] **VALERIANE, ACTEE A GRAPPES, VITEX AGNUS-CASTUS, AIRELLE ET CHARDON-MARIE DE QUALITE PHARMACEUTIQUE**  
[72] FRIEDMAN, ELLIOT P., US  
[72] KHWAJA, TASNEEM A., US  
[71] PHARMAPRINT, INC., US  
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US  
[85] 2000-04-17  
[86] 1998-10-23 (PCT/US98/22505)  
[87] 1999-04-29 (WO99/21006)  
[30] US (08/955,410) 1997-10-23  
[30] US (08/955,417) 1997-10-23  
[30] US (08/956,610) 1997-10-23  
[30] US (08/956,611) 1997-10-23  
[30] US (08/956,615) 1997-10-23

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[13] A1  
[51] **Int.Cl. 6C12Q 1/34 6C07H 1/00 6C12Q 1/00 6C12Q 1/42**  
[25] EN  
[54] **METHOD FOR SUPPRESSING MULTIPLE DRUG RESISTANCE IN CANCER CELLS**  
[54] **PROCEDE VISANT A SUPPRIMER UNE MULTIRESTANCE MEDICAMENTEUSE DANS DES CELLULES CANCEREUSES**  
[72] CARSON, DENNIS A., US  
[72] COTTAM, HOWARD B., US  
[72] CARRERA, CARLOS J., US  
[72] NOBORI, TSUTOMU, JP  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2000-04-19  
[86] 1998-10-23 (PCT/US98/22557)  
[87] 1999-04-29 (WO99/20791)  
[30] US (08/956,657) 1997-10-23

[21] **2,307,343**  
[13] A1  
[51] **Int.Cl. 6C12N 5/10 6A61K 35/12**  
[25] EN  
[54] **INDUCIBLE CELLULAR IMMUNITY THROUGH ACTIVATION OF TH1 AND SUPPRESSION OF TH2 RESPONSES BY MACROPHAGES**  
[54] **IMMUNITE CELLULAIRE INDUCTIBLE PAR L'ACTIVATION DE REACTIONS DEPENDANTES DE TH1 ET LA SUPPRESSION DE REACTIONS DEPENDANTES DE TH2 AU MOYEN DE MACROPHAGES**  
[72] DESMEDT, MARJORY, BE  
[72] GROOTEN, JOHAN, BE  
[72] FIERS, WALTER, BE  
[71] VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE VZW, BE  
[85] 2000-04-19  
[86] 1998-10-22 (PCT/EP98/06986)  
[87] 1999-05-06 (WO99/21968)  
[30] EP (97203286.6) 1997-10-23

[21] **2,307,539**  
[13] A1  
[51] **Int.Cl. 6C12N 15/29 6A01H 5/00 6A01H 5/10 6C12N 1/19 6C12N 15/62 6C12N 15/81 6C12N 15/82**  
[25] EN  
[54] **IMPROVEMENTS RELATING TO PROTEIN ACCUMULATION**  
[54] **AMELIORATIONS CONCERNANT L'ACCUMULATION DE PROTEINES**  
[72] DRAKE, CAROLINE RACHEL, GB  
[72] OSBORN, RUPERT WILLIAM, GB  
[72] EVANS, IAN JEFFREY, GB  
[72] RAY, JOHN ANTHONY, GB  
[71] ZENECA LIMITED, GB  
[85] 2000-04-28  
[86] 1998-11-09 (PCT/GB98/03338)  
[87] 1999-05-27 (WO99/25835)  
[30] GB (9724307.5) 1997-11-17

[21] **2,307,541**  
[13] A1  
[51] **Int.Cl. 6A61K 39/39 6A61K 39/00 6A61K 9/127 6A61K 39/145 6A61K 38/20 6C07K 14/545**  
[25] EN  
[54] **ENCAPSULATED IMMUNOMODULATORS USEFUL AS VACCINE ADJUVANTS**  
[54] **IMMUNOMODULATEURS ENCAPSULES UTILISES COMME ADJUVANTS DE VACCINS**  
[72] CASEY, LESLIE S., US  
[72] GALTON, BRUCE C., US  
[72] DONDERO, RICHARD S., US  
[71] CISTRON BIOTECHNOLOGY, INC., US  
[85] 2000-04-28  
[86] 1998-11-02 (PCT/US98/23313)  
[87] 1999-05-14 (WO99/22763)  
[30] US (08/962,407) 1997-10-31

[21] **2,307,735**  
[13] A1  
[51] **Int.Cl. 6A61M 29/02 6A61M 25/00**  
[25] FR  
[54] **CATHETER UNIVERSEL**  
[54] **MULTIPURPOSE CATHETER**  
[72] WATRELOT, ANTOINE, FR  
[72] LOUBENS, THIERRY, FR  
[71] WATRELOT, ANTOINE, FR  
[71] SOPRANE S.A., FR  
[85] 2000-04-26  
[86] 1998-10-05 (PCT/FR98/02119)  
[87] 1999-05-14 (WO99/22800)  
[30] FR (97/13988) 1997-10-31

[21] **2,307,739**  
[13] A1  
[51] **Int.Cl. 6D01F 2/00 6C08B 15/05**  
[25] FR  
[54] **PROCEDE DE PREPARATION D'UNE FIBRE OU D'UN FIL DE CELLULOSE REGENERE**  
[54] **METHOD FOR PREPARING A REGENERATED CELLULOSE FIBRE OR YARN**  
[72] ALLANDRIEU, CHRISTIAN, FR  
[72] KARRER, PHILIPPE, DE  
[72] STEIN, ARMIN, FR  
[72] MIGNANI, GERARD, FR  
[72] KARSTENS, TIES, DE  
[72] GAMBUT, LUCILE, FR  
[71] RHODIA ACETOW, DE  
[85] 2000-04-26  
[86] 1998-10-26 (PCT/FR98/02289)  
[87] 1999-05-06 (WO99/22051)  
[30] FR (97/13662) 1997-10-27



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[21] **2,307,744**  
[13] A1  
[51] **Int.Cl. 6A63G 1/10**  
[25] EN  
[54] **CAROUSEL DEVICE**  
[54] **CARROUSEL**  
[72] CLARKE, WILLIAM A., US  
[71] CLARKE, WILLIAM A., US  
[85] 2000-04-26  
[86] 1997-08-26 (PCT/US97/14707)  
[87] 1999-03-04 (WO99/10062)

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[21] **2,307,746**  
[13] A1  
[51] **Int.Cl. 6B60C 9/22**  
[25] FR  
[54] **ARMATURE DE SOMMET DE PNEUMATIQUE**  
[54] **TYRE CROWN PLY REINFORCEMENT**  
[72] CORDONNIER, FRANCOIS-JACQUES, FR  
[71] COMPAGNIE GÉNÉRALE DES ÉTABLISSEMENTS MICHELIN - MICHELIN & CIE, FR  
[85] 2000-04-27  
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[87] 1999-05-20 (WO99/24270)  
[30] FR (97 14 010) 1997-11-05

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[21] **2,307,747**  
[13] A1  
[51] **Int.Cl. 6C08G 18/02 6C08G 18/18 6C08G 18/20**  
[25] FR  
[54] **CATALYSEUR ET PROCEDE DE TRIMERISATION D'ISOCYANATES**  
[54] **CATALYST AND METHOD FOR TRIMERIZATION OF ISOCYANATES**  
[72] BERNARD, JEAN-MARIE, FR  
[72] REVELANT, DENIS, FR  
[71] RHODIA CHIMIE, FR  
[85] 2000-04-27  
[86] 1998-11-04 (PCT/FR98/02359)  
[87] 1999-05-14 (WO99/23128)  
[30] FR (97 13 855) 1997-11-04  
[30] FR (97 13 856) 1997-11-04

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[21] **2,307,748**  
[13] A1  
[51] **Int.Cl. 6C07D 455/06 6A61K 31/435**  
[25] FR  
[54] **DERIVES D'AMINOMETHYL-BENZO-A|QUINOLIZIDINE, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE POUR LES MALADIES NEURODEGENERATIVES**  
[54] **AMINOMETHYL-BENZO-A|QUINOLIZIDINE DERIVATIVES, PREPARATION AND THERAPEUTIC APPLICATIONS FOR NEURODEGENERATIVE DISEASES**  
[72] MARIEN, MARC, FR  
[72] MAYER, PATRICE, FR  
[72] VIDALUC, JEAN-LOUIS, FR  
[72] IMBERT, THIERRY, FR  
[71] PIERRE FABRE MEDICAMENT, FR  
[85] 2000-04-27  
[86] 1998-10-26 (PCT/FR98/02281)  
[87] 1999-05-06 (WO99/21856)  
[30] FR (97/13499) 1997-10-28

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[21] **2,307,752**  
[13] A1  
[51] **Int.Cl. 6A01F 25/14 6B65B 43/34**  
[25] FR  
[54] **BANC D'ETIRAGE POUR GAINÉ PLASTIQUE ET MACHINE COMPORTANT UN TEL BANC**  
[54] **DRAWING FRAME FOR PLASTIC SHEATH AND MACHINE COMPRISING SAME**  
[72] LUCAS, GERARD, FR  
[72] RETAILLAUD, JEAN-CLAUDE, FR  
[71] LUCAS G, FR  
[85] 2000-04-28  
[86] 1998-10-29 (PCT/FR98/02323)  
[87] 1999-05-14 (WO99/22584)  
[30] FR (97/13884) 1997-10-30  
[30] FR (98/10362) 1998-08-11

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[21] **2,307,755**  
[13] A1  
[51] **Int.Cl. 6E04F 15/024**  
[25] FR  
[54] **DISPOSITIF DE REGLAGE D'INCLINAISON DE SURFACE DE CONSTRUCTION SUR PLOT**  
[54] **DEVICE FOR ADJUSTING INCLINATION WHEN BUILDING ON BLOCKS**  
[72] BUZON, CLAUDE, BE  
[71] ATELIERS BUZON SCRIS, BE  
[85] 2000-04-28  
[86] 1998-10-30 (PCT/BE98/00165)  
[87] 1999-05-14 (WO99/23327)  
[30] BE (9700878) 1997-10-31

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[21] **2,307,756**  
[13] A1  
[51] **Int.Cl. 6A01F 25/14**  
[25] FR  
[54] **PROCEDE D'ENGAINAGE DE BALLES DE VEGETAUX ET MATERIELS POUR LA MISE EN OEUVRE DU PROCEDE**  
[54] **METHOD FOR SHEATHING BALES OF PLANTS AND EQUIPMENT FOR IMPLEMENTING SAME**  
[72] LUCAS, GERARD, FR  
[71] LUCAS G, FR  
[85] 2000-04-28  
[86] 1998-10-29 (PCT/FR98/02324)  
[87] 1999-05-14 (WO99/22585)  
[30] FR (97/13885) 1997-10-30  
[30] FR (98/10362) 1998-08-11

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[13] A1  
[51] **Int.Cl. 6C08G 18/79 6C08G 18/02 6C09D 175/04**  
[25] FR  
[54] **PROCEDE DE SEPARATION D'UN COMPOSE OBTENU PAR POLYMERISATION D'ISOCYANATES DE MONOMERES NON TRANSFORMES**  
[54] **METHOD FOR SEPARATING A COMPOUND OBTAINED BY POLYMERISATION OF NON-TRANSFORMED MONOMER ISOCYANATES**  
[72] REVELANT, DENIS, FR  
[72] CHARRIERE, EUGENIE, FR  
[72] BERNARD, JEAN-MARIE, FR  
[71] RHODIA CHIMIE, FR  
[85] 2000-04-28  
[86] 1998-11-04 (PCT/FR98/02358)  
[87] 1999-05-14 (WO99/23132)  
[30] FR (97 13 857) 1997-11-04

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[13] A1

[51] **Int.Cl. 6A61K 7/09**  
[25] FR  
[54] **PROCEDE DE DEFORMATION PERMANENTE DES MATIERES KERATINIQUES SANS RINCAGE INTERMEDIAIRE**  
[54] **METHOD FOR PERMANENT SETTING OF KERATIN FIBRES WITHOUT INTERMEDIATE RINSING**  
[72] NGUYEN, LY-LAN, FR  
[72] SABBAGH, ANNE, FR  
[71] L'OREAL, FR  
[85] 2000-03-30  
[86] 1998-10-06 (PCT/FR98/02131)  
[87] 1999-04-22 (WO99/18922)  
[30] FR (97/12713) 1997-10-10

[21] **2,307,759**  
[13] A1

[51] **Int.Cl. 6A61L 2/04**  
[25] FR  
[54] **PROCEDE DE DECONTAMINATION D'UNE AIGUILLE CREUSE**  
[54] **METHOD FOR DECONTAMINATING A HOLLOW NEEDLE**  
[72] COLIN, BRUNO, FR  
[72] PRIVAT, MARIE, FR  
[71] BIO MERIEUX, FR  
[85] 2000-05-01  
[86] 1998-11-27 (PCT/FR98/02561)  
[87] 1999-06-10 (WO99/27973)  
[30] FR (97/15185) 1997-11-27

[21] **2,307,794**  
[13] A1

[51] **Int.Cl. 6B24D 9/08 6A44B 18/00 6B24D 11/02 6B29C 70/68**  
[25] EN  
[54] **PLATE TOOL HAVING QUICK-ENGAGING ELEMENT, PROVIDED WITH WORK SURFACE**  
[54] **OUTIL PLAQUE COMPRENANT UN ELEMENT DE FIXATION RAPIDE DOTE D'UNE SURFACE DE TRAVAIL**  
[72] MANDZSU, JOZSEF SR., HU  
[72] MANDZSU, JOZSEF JR., HU  
[72] MANDZSU, ZOLTAN, HU  
[71] MANDZSU, JOZSEF SR., HU  
[71] MANDZSU, JOZSEF JR., HU  
[71] MANDZSU, ZOLTAN, HU  
[85] 2000-04-27  
[86] 1998-02-02 (PCT/HU98/00011)  
[87] 1999-05-06 (WO99/21683)  
[30] HU (P 97 01 761) 1997-10-29

[21] **2,307,830**  
[13] A1

[51] **Int.Cl. 6C12N 9/88 6A61K 38/51**  
[25] EN  
[54] **ISOLATED NUCLEIC ACID MOLECULE ENCODING MAMMALIAN ENDOGLUCURONIDASE AND USES THEREFOR**  
[54] **MOLECULE ISOLEE D'ACIDE NUCLEIQUE CODANT UNE ENDOGLUCURONIDASE MAMMALIENNE ET SES APPLICATIONS**  
[72] HAMDORF, BRENTON JAMES, AU  
[72] PARISH, CHRISTOPHER RICHARD, AU  
[72] HULETT, MARK DARREN, AU  
[72] FREEMAN, CRAIG GEOFFREY, AU  
[71] THE AUSTRALIAN NATIONAL UNIVERSITY, AU  
[85] 2000-04-27  
[86] 1998-10-28 (PCT/AU98/00898)  
[87] 1999-05-06 (WO99/21975)  
[30] AU (PP 0062) 1997-10-28  
[30] AU (PP 0812) 1997-12-09

[21] **2,307,839**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C07K 14/00 6A61K 38/17**  
[25] EN  
[54] **A NOVEL GENE AND USES THEREFOR**  
[54] **NOUVEAU GENE ET SES UTILISATIONS**  
[72] COLLIER, GREGORY, AU  
[72] ZIMMET, PAUL ZEV, AU  
[71] INTERNATIONAL DIABETES INSTITUTE, AU  
[71] DEAKIN UNIVERSITY, AU  
[85] 2000-04-27  
[86] 1998-10-30 (PCT/AU98/00902)  
[87] 1999-05-14 (WO99/23217)  
[30] AU (PP 0117) 1997-10-31  
[30] AU (PP 0323) 1997-11-11

[21] **2,307,842**  
[13] A1

[51] **Int.Cl. 6C12N 9/10 6C12P 21/00 6C12P 19/04 6C12N 15/54 6C12Q 1/68 6C12N 15/70 6A61K 31/715**  
[25] EN  
[54] **HYALURONAN SYNTHASE GENE AND USES THEREOF**  
[54] **GENE DE LA SYNTHASE DE L'HYALURONAN ET UTILISATION DE CE GENE**  
[72] KUMARI, KSHAMA, US  
[72] WEIGEL, PAUL H., US  
[72] DEANGELIS, PAUL, US  
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA, US  
[85] 2000-05-01  
[86] 1998-10-30 (PCT/US98/23153)  
[87] 1999-05-14 (WO99/23227)  
[30] US (60/064,435) 1997-10-31  
[30] US (09/178,851) 1998-10-26

[21] **2,307,846**  
[13] A1

[51] **Int.Cl. 6C12N 15/31 6C07K 19/00 6A01K 67/027 6A61K 39/118 6C07K 16/12 6C07K 14/295 6G01N 33/53 6C12N 15/62 6C12Q 1/68**  
[25] EN  
[54] **CHLAMYDIA PNEUMONIAE GENOMIC SEQUENCE AND POLYPEPTIDES, FRAGMENTS THEREOF AND USES THEREOF, IN PARTICULAR FOR THE DIAGNOSIS, PREVENTION AND TREATMENT OF INFECTION**  
[54] **SEQUENCE GENOMIQUE ET POLYPEPTIDES DE CHLAMYDIA PNEUMONIAE, LEURS FRAGMENTS ET LEURS UTILISATIONS, EN PARTICULIER POUR LE DIAGNOSTIC, LA PREVENTION OU LE TRAITEMENT D'UNE INFECTION**  
[72] GRIFFAIS, REMY, FR  
[71] GENSET, FR  
[85] 2000-04-28  
[86] 1998-11-20 (PCT/IB98/01890)  
[87] 1999-06-03 (WO99/27105)  
[30] FR (97/14673) 1997-11-21  
[30] US (60/107,078) 1998-11-04

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| <p style="text-align: right;">[21] <b>2,307,853</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07D 307/58 6A61K 31/34</b><br/>[25] EN<br/>[54] <b>DIARYL-5-ALKYL-5-METHYL-2(5H)-FURANONES AS SELECTIVE CYCLOOXYGENASE-2 INHIBITORS</b><br/>[54] <b>DIARYL-5-ALKYL-5-METHYL-2(5H)-FURANONES UTILISEES EN TANT QU'INHIBITEURS SELECTIFS DE CYCLO-OXYGENASE-2</b><br/>[72] LEGER, SERGE, CA<br/>[72] WANG, ZHOAYIN, CA<br/>[72] GRIMM, ERICH, CA<br/>[71] MERCK FROSST CANADA &amp; CO., CA<br/>[85] 2000-04-27<br/>[86] 1998-10-27 (PCT/CA98/00998)<br/>[87] 1999-05-14 (WO99/23087)<br/>[30] US (60/064,409) 1997-10-30<br/>[30] GB (9806430.6) 1998-03-25</p> | <p style="text-align: right;">[21] <b>2,307,857</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A01F 12/00</b><br/>[25] EN<br/>[54] <b>METHOD AND APPARATUS FOR CULLING DIRECTLY ON A HARVESTING APPARATUS</b><br/>[54] <b>DISPOSITIF DE TRIAGE DIRECT MONTE SUR UN MATERIEL DE RECOLTE ET PROCEDE ASSOCIE</b><br/>[72] MATSON, KEVIN W., US<br/>[71] MONSANTO COMPANY, US<br/>[85] 2000-04-27<br/>[86] 1998-10-29 (PCT/US98/22770)<br/>[87] 1999-05-14 (WO99/22582)<br/>[30] US (08/961,228) 1997-10-30</p>                                    | <p style="text-align: right;">[21] <b>2,307,860</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6E04F 15/024</b><br/>[25] EN<br/>[54] <b>MODULAR EARTHQUAKE SUPPORT FOR RAISED FLOOR</b><br/>[54] <b>SUPPORT MODULAIRE ANTISISMIQUE POUR UN SOL SURELEVE</b><br/>[72] KUTIS, MARIAN, US<br/>[72] SNIDER, RANDLE P., JR., US<br/>[71] ERICSSON, INC., US<br/>[85] 2000-04-27<br/>[86] 1998-10-15 (PCT/US98/21825)<br/>[87] 1999-05-06 (WO99/22097)<br/>[30] US (08/960,617) 1997-10-29</p>                    |
| <p style="text-align: right;">[21] <b>2,307,855</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/36 6H04Q 7/38</b><br/>[25] EN<br/>[54] <b>METHODS OF RECONFIGURING A CELL IN A CELLULAR MOBILE RADIO SYSTEM</b><br/>[54] <b>PROCEDES DE RECONFIGURATION D'UNE CELLULE DANS UN SYSTEME DE RADIOTELEPHONIE CELLULAIRE</b><br/>[72] HELLEBERG, ANNA, SE<br/>[72] CERWALL, CARL PATRIK, SE<br/>[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE<br/>[85] 2000-04-27<br/>[86] 1998-10-16 (PCT/SE98/01864)<br/>[87] 1999-05-06 (WO99/22542)<br/>[30] SE (9703930-9) 1997-10-28</p>   | <p style="text-align: right;">[21] <b>2,307,858</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38 6G01S 5/00 6G01S 5/14</b><br/>[25] EN<br/>[54] <b>CHANNEL RESOURCE UTILIZATION DURING A POSITIONING HANDOVER</b><br/>[54] <b>UTILISATION DES RESSOURCES DE CANAUX PENDANT UNE COMMUTATION DE POSITIONNEMENT</b><br/>[72] ZADEH, BAGHER R., US<br/>[72] BORG, GUNNAR, US<br/>[71] ERICSSON, INC., US<br/>[85] 2000-04-27<br/>[86] 1998-10-28 (PCT/US98/22865)<br/>[87] 1999-05-06 (WO99/22546)<br/>[30] US (08/960,630) 1997-10-29</p> | <p style="text-align: right;">[21] <b>2,307,861</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F16K 31/40 6E03C 1/04 6E03C 1/05</b><br/>[25] EN<br/>[54] <b>LATCHING SOLENOID VALVE</b><br/>[54] <b>ELECTROROBINET A VERROUILLAGE</b><br/>[72] QUELLA, JOHN, US<br/>[72] WITT, KEVIN, US<br/>[72] PAESE, ANDREW J., US<br/>[72] KARSTEN, LEE, US<br/>[71] KOHLER CO., US<br/>[85] 2000-04-27<br/>[86] 1998-10-26 (PCT/US98/22824)<br/>[87] 1999-05-06 (WO99/22168)<br/>[30] US (08/957,890) 1997-10-27</p> |

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[13] A1

[51] **Int.Cl. 6E03C 1/04 6E03C 1/05 6F16K 31/40**  
[25] EN  
[54] **SELF-CLOSING SOLENOID OPERATED FAUCET**  
[54] **ROBINET A FERMETURE AUTOMATIQUE COMMANDE PAR ELECTRO-AIMANT**  
[72] HILDEBRAND, JEFFREY, US  
[72] KOLAR, ANTON J., US  
[71] KOHLER CO., US  
[85] 2000-04-27  
[86] 1998-10-26 (PCT/US98/22604)  
[87] 1999-05-06 (WO99/22080)  
[30] US (08/957,891) 1997-10-27

[21] **2,307,863**  
[13] A1

[51] **Int.Cl. 6A61K 47/36**  
[25] EN  
[54] **COMPLEX BETWEEN CARRAGEENAN AND A WATER SOLUBLE DRUG HAVING A SPECIFIC GRANULOMETRY AND RELATIVE CONTROLLED RELEASE PHARMACEUTICAL COMPOSITIONS**  
[54] **COMPLEXE A BASE DE CARAGHENANE ET D'UN MEDICAMENT SOLUBLE DANS L'EAU PRESENTANT UNE GRANULOMETRIE SPECIFIQUE ET ENGLOBANT DES COMPOSITIONS PHARMACEUTIQUES A LIBERATION RELATIVEMENT CONTROLEE**  
[72] BONFERONI, MARIA CRISTINA, IT  
[72] CARAMELLA, CARLA MARCELLA, IT  
[71] EURAND INTERNATIONAL S.P.A., IT  
[85] 2000-04-27  
[86] 1998-10-29 (PCT/EP98/06864)  
[87] 1999-05-06 (WO99/21586)  
[30] IT (PV97A000009) 1997-10-29

[21] **2,307,864**  
[13] A1

[51] **Int.Cl. 6A61B 17/58**  
[25] EN  
[54] **BONE CONNECTING DEVICE AND METHOD OF MANUFACTURING THE SAME**  
[54] **DISPOSITIF DE FIXATION D'OS ET PROCEDE DE FABRICATION DUDIT DISPOSITIF**  
[72] YOSHIOKA, TAKAHIRO, JP  
[72] TAKEUCHI, HAJIME, JP  
[72] ARIMA, TORU, JP  
[72] KISHIDA, YASUYUKI, JP  
[72] YAMAMOTO, TORU, JP  
[72] NISHIYAMA, TAKASHI, JP  
[72] HATA, MORISHIGE, JP  
[72] NAKAMURA, SABURO, JP  
[71] GUNZE LIMITED, JP  
[85] 2000-04-27  
[86] 1998-10-29 (PCT/JP98/04889)  
[87] 1999-05-06 (WO99/21499)  
[30] JP (9/336257) 1997-10-29  
[30] JP (9/343580) 1997-11-06

[21] **2,307,865**  
[13] A1

[51] **Int.Cl. 6A61F 2/06**  
[25] EN  
[54] **TRANSMYOCARDIAL REVASCULARIZATION SYSTEM**  
[54] **SYSTEME DE REVASCULARISATION TRANSMYOCARDIQUE**  
[72] EVANS, DOUGLAS G., US  
[72] NASH, JOHN E., US  
[71] KENSEY NASH CORPORATION, US  
[85] 2000-04-27  
[86] 1998-10-13 (PCT/US98/21503)  
[87] 1999-05-06 (WO99/21510)  
[30] US (08/958,788) 1997-10-29

[21] **2,307,875**  
[13] A1

[51] **Int.Cl. 7A22C 29/02**  
[25] EN  
[54] **SHRIMP PEELING APPARATUS**  
[54] **APPAREIL UTILE POUR EPLUCHER DES CREVETTES**  
[72] ROSOW, BEN, US  
[72] LEDET, BRENT A., US  
[72] SIRGO, SCOTT J., US  
[72] CABEZAS, RAUL O., US  
[71] THE LAITRAM CORPORATION, US  
[85] 2000-04-27  
[86] 1999-08-24 (PCT/US99/19185)  
[87] 2000-03-16 (WO00/13516)  
[30] US (09/146,068) 1998-09-02

[21] **2,307,876**  
[13] A1

[51] **Int.Cl. 6B01L 11/00 6C07H 1/00 6B32B 27/04 6G01N 1/14**  
[25] EN  
[54] **PRESSURE-ENHANCED EXTRACTION AND PURIFICATION**  
[54] **PURIFICATION ET EXTRACTION AMELIOREES SOUS HAUTE PRESSION**  
[72] LAUGHARN, JAMES A., JR., US  
[72] HESS, ROBERT A., US  
[72] TAO, FENG, US  
[71] BBI BIOSEQ, INC., US  
[85] 2000-04-27  
[86] 1998-10-30 (PCT/US98/23141)  
[87] 1999-05-14 (WO99/22868)  
[30] US (08/962,280) 1997-10-31  
[30] US (09/016,062) 1998-01-30  
[30] US (09/083,651) 1998-05-22

[21] **2,307,879**  
[13] A1

[51] **Int.Cl. 6A61K 31/38 6A61K 31/19 6A61K 31/195 6A61K 31/20 6A61K 31/35 6A61K 31/385 6A61K 31/415 6A61K 31/44 6A61K 31/55**  
[25] EN  
[54] **TREATMENT OF T-HELPER CELL TYPE 2 MEDIATED IMMUNE DISEASES WITH RETINOID ANTAGONISTS**  
[54] **TRAITEMENT DES MALADIES IMMUNES INDUITES PAR LES LYMPHOCYTES T AUXILIAIRES DE TYPE 2**  
[72] KLAUS, MICHAEL, DE  
[72] BOLLAG, WERNER, CH  
[72] PANINA-BORDIGNON, PAOLA, IT  
[72] SINIGAGLIA, FRANCESCO, IT  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2000-04-27  
[86] 1998-11-05 (PCT/EP98/07067)  
[87] 1999-05-20 (WO99/24024)  
[30] EP (97119776.9) 1997-11-12

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| <p style="text-align: right;">[21] <b>2,307,880</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G02F 1/03</b><br/>[25] EN<br/>[54] <b>DISCRETE ELEMENT LIGHT MODULATING MICROSTRUCTURE DEVICES</b><br/>[54] <b>COMPOSANTS A MICROSTRUCTURES PHOTOMODULATRICES A ELEMENT DISCRET</b><br/>[72] ROMANOVSKY, ALEXANDER B., US<br/>[71] TELOPTICS CORPORATION, US<br/>[85] 2000-04-27<br/>[86] 1998-10-27 (PCT/US98/22817)<br/>[87] 1999-05-06 (WO99/22266)<br/>[30] US (08/959,778) 1997-10-29</p>                                    | <p style="text-align: right;">[21] <b>2,307,883</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G06F 13/00</b><br/>[25] EN<br/>[54] <b>A SYSTEM AND METHOD FOR TRANSMITTING R-G-B SIGNALS IN A MULTI-USER COMPUTER SYSTEM</b><br/>[54] <b>SYSTEME ET PROCEDE PERMETTANT DE TRANSMETTRE DES SIGNAUX R-V-B DANS UN SYSTEME INFORMATIQUE A PLUSIEURS UTILISATEURS</b><br/>[72] NEI, CHU-CHING, US<br/>[71] MAXSPEED CORPORATION, US<br/>[85] 2000-04-27<br/>[86] 1998-10-13 (PCT/US98/21580)<br/>[87] 1999-05-06 (WO99/22300)<br/>[30] US (08/958,044) 1997-10-27</p> | <p style="text-align: right;">[21] <b>2,307,886</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/16 6A61K 9/107 6A61K 9/113 6A61K 9/127</b><br/>[25] EN<br/>[54] <b>IMPROVED PERSONAL CARE FORMULATIONS</b><br/>[54] <b>FORMULATIONS AMELIOREES DE SOINS PERSONNELS</b><br/>[72] LURIYA, LEONID, IL<br/>[72] LURIYA, ELENA, IL<br/>[71] LURIDENT LTD., IL<br/>[85] 2000-04-27<br/>[86] 1998-10-18 (PCT/IL98/00504)<br/>[87] 1999-05-14 (WO99/22703)<br/>[30] IL (122084) 1997-10-31</p>  |
| <p style="text-align: right;">[21] <b>2,307,881</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38</b><br/>[25] EN<br/>[54] <b>BANDWIDTH PROVISION IN A COMMUNICATION SYSTEM</b><br/>[54] <b>ATTRIBUTION DE LARGEURS DE BANDE DANS UN SYSTEME DE TELECOMMUNICATIONS</b><br/>[72] WATSON, ANDREW, GB<br/>[72] DELLAVERSON, LOU, US<br/>[72] WRAY, ANTONY, US<br/>[71] MOTOROLA LIMITED, GB<br/>[85] 2000-04-27<br/>[86] 1999-08-10 (PCT/EP99/05824)<br/>[87] 2000-03-09 (WO00/13447)<br/>[30] GB (9818579.6) 1998-08-27</p> | <p style="text-align: right;">[21] <b>2,307,884</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H04L 29/06 7H04L 12/28</b><br/>[25] EN<br/>[54] <b>PROVIDING A SERVICE IN A COMMUNICATION SYSTEM</b><br/>[54] <b>PRESTATION D'UN SERVICE DANS UN SYSTEME DE COMMUNICATION</b><br/>[72] WATSON, ANDREW, GB<br/>[72] DELLAVERSON, LOU, US<br/>[72] WRAY, ANTONY, GB<br/>[71] MOTOROLA LIMITED, GB<br/>[85] 2000-04-27<br/>[86] 1999-08-09 (PCT/EP99/05765)<br/>[87] 2000-03-09 (WO00/13390)<br/>[30] GB (9818585.3) 1998-08-27</p>                                   | <p style="text-align: right;">[21] <b>2,307,889</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/675 6C07F 9/58 6C07F 9/59 6C07F 9/653 6C07F 9/6533 6C07F 9/6541 6C07F 9/6574 6A61K 31/66</b><br/>[25] EN<br/>[54] <b>CYCLIC PHOSPHONATE ESTER INHIBITORS OF MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN AND METHOD</b><br/>[54] <b>INHIBITEURS PHOSPHONATE ESTER CYCLIQUE DE PROTEINE MICROSOMALE DE TRANSFERT DES TRIGLYCERIDES ET PROCEDE ASSOCIE</b><br/>[72] SULSKY, RICHARD B., US<br/>[71] BRISTOL-MYERS SQUIBB COMPANY, US<br/>[85] 2000-04-27<br/>[86] 1998-10-14 (PCT/US98/21750)<br/>[87] 1999-05-06 (WO99/21564)<br/>[30] US (60/063,347) 1997-10-28</p> |
| <p style="text-align: right;">[21] <b>2,307,882</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H01G 4/04</b><br/>[25] EN<br/>[54] <b>CAPACITOR</b><br/>[54] <b>CONDENSATEUR</b><br/>[72] FUJIMOTO, MASAHISA, JP<br/>[72] NISHIO, KOJI, JP<br/>[72] NOHMA, TOSHIYUKI, JP<br/>[71] SANYO ELECTRIC CO., LTD., JP<br/>[85] 2000-04-27<br/>[86] 1998-10-09 (PCT/JP98/04570)<br/>[87] 1999-05-06 (WO99/22388)<br/>[30] JP (9/311194) 1997-10-27</p>  | <p style="text-align: right;">[21] <b>2,307,885</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B65D 83/00</b><br/>[25] EN<br/>[54] <b>HAND-HELD FOOD PACKAGE</b><br/>[54] <b>EMBALLAGE PORTATIF MANUEL POUR PRODUITS ALIMENTAIRES</b><br/>[72] BERMAN, ROBERT E., US<br/>[71] BREAKAWAY FOODS, L.L.C., US<br/>[85] 2000-04-27<br/>[86] 1998-09-28 (PCT/US98/20243)<br/>[87] 1999-04-08 (WO99/16683)<br/>[30] US (08/940,570) 1997-09-30</p>   | <p style="text-align: right;">[21] <b>2,307,953</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 48/00 6C12N 5/00 6C12N 15/00</b><br/>[25] EN<br/>[54] <b>GENE THERAPY FOR STIMULATION OF ANGIOGENESIS</b><br/>[54] <b>THERAPIE GENIQUE POUR LA STIMULATION DE L'ANGIOGENESE</b><br/>[72] BETT, ANDREW J., US<br/>[72] HUCKLE, WILLIAM R., US<br/>[72] THOMAS, KENNETH A., JR., US<br/>[72] KENDALL, RICHARD L., US<br/>[71] MERCK &amp; CO., INC., US<br/>[71] MERCK &amp; CO., INC., US<br/>[85] 2000-04-26<br/>[86] 1998-10-23 (PCT/US98/22668)<br/>[87] 1999-05-06 (WO99/21590)<br/>[30] US (60/063,629) 1997-10-27<br/>[30] GB (9724906.4) 1997-11-26</p>       |

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[21] **2,307,954**  
[13] A1

[51] **Int.Cl. 6A61L 25/00 6A61L 27/00 6A61L 31/00 6C07K 14/47**  
[25] EN  
[54] **ENZYME-MEDIATED MODIFICATION OF FIBRIN FOR TISSUE ENGINEERING**  
[54] **MODIFICATION ENZYMATIQUE DE LA FIBRINE DESTINEE AU GENIE TISSULAIRE**  
[72] HUBBELL, JEFFREY, CH  
[72] SCHENSE, JASON C., CH  
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US  
[85] 2000-04-28  
[86] 1998-04-02 (PCT/US98/06617)  
[87] 1998-10-08 (WO98/43686)  
[30] US (60/042,143) 1997-04-03

[21] **2,308,023**  
[13] A1

[51] **Int.Cl. 6G09B 19/00 6A63H 33/06**  
[25] EN  
[54] **MODULAR TERRAIN FOR A TOY BUILDING SET**  
[54] **TERRAIN MODULAIRE POUR ENSEMBLE JEU DE CONSTRUCTION**  
[72] JAYNES, REBECCA, US  
[72] FRANKO, RICH, US  
[72] BRADY, CHRIS, US  
[72] CYRUS, PETER, US  
[72] FRANZ, GARY, US  
[72] WICKLANDER, DAVID, US  
[72] PROCTOR, STEVE, US  
[72] BURNS, WILLIAM, US  
[72] GIBSON, MATT, US  
[71] PARVIA CORPORATION, US  
[85] 2000-03-03  
[86] 1998-08-31 (PCT/US98/18077)  
[87] 1999-04-01 (WO99/16037)  
[30] US (08/937,095) 1997-09-24

[21] **2,308,025**  
[13] A1

[51] **Int.Cl. 7B60G 9/00 7B60G 11/64**  
[25] EN  
[54] **DRIVE AXLE SUSPENSION**  
[54] **SUSPENSION D'ESSIEU MOTEUR**  
[72] PIERCE, WILLIAM C., US  
[71] HOLLAND NEWAY INTERNATIONAL, INC., US  
[85] 2000-04-03  
[86] 1999-08-26 (PCT/US99/19682)  
[87] 2000-03-09 (WO00/12330)  
[30] US (60/098,164) 1998-08-27

[21] **2,308,026**  
[13] A1

[51] **Int.Cl. 6H04B 7/005 6H04J 13/02 6H04L 25/02 6H04B 7/26 6H04L 27/26**  
[25] EN  
[54] **ESTIMATION OF TRANSMISSION CHANNELS IN COMMUNICATION SYSTEMS FOR WIRELESS TELECOMMUNICATION**  
[54] **EVALUATION DE CANAUX DE TRANSMISSION DANS DES SYSTEMES DE COMMUNICATION POUR LA TELECOMMUNICATION SANS FIL**  
[72] KLEIN, ANJA, DE  
[72] NASSHAN, MARKUS, DE  
[71] SIEMENS AKTIENGESSELLSCHAFT, DE  
[85] 2000-04-25  
[86] 1998-09-30 (PCT/DE98/02894)  
[87] 1999-05-06 (WO99/22454)  
[30] DE (197 47 369.5) 1997-10-27

[21] **2,308,027**  
[13] A1

[51] **Int.Cl. 6H04J 3/16**  
[25] EN  
[54] **TRANSMISSION CONTROL FOR MINIMIZING CONGESTION IN DIGITAL COMMUNICATIONS NETWORKS**  
[54] **CONTROLE DES TRANSMISSIONS POUR MINIMISER LES ENCOMBREMENTS DANS DES RESEAUX DE TELECOMMUNICATIONS NUMERIQUES**  
[72] JACOBS, STEPHEN, US  
[72] ELEFThERIADIS, ALEXANDROS, US  
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US  
[85] 2000-04-25  
[86] 1997-10-24 (PCT/US97/19207)  
[87] 1999-05-06 (WO99/22477)

[21] **2,308,030**  
[13] A1

[51] **Int.Cl. 6A61K 9/06**  
[25] EN  
[54] **DELIVERY SYSTEM FOR ALLERGY MEDICATION VIA THE NASAL VESTIBULES**  
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT ANTI-ALLERGIQUE PAR LES VESTIBULES DES FOSSES NASALES**  
[72] LIN, AUDREY H., US  
[72] LIN, MATTHEW M., US  
[71] LIN, AUDREY H., US  
[71] LIN, MATTHEW M., US  
[85] 2000-04-25  
[86] 1998-10-21 (PCT/US98/22274)  
[87] 1999-04-29 (WO99/20248)  
[30] US (08/955,963) 1997-10-22

[21] **2,308,031**  
[13] A1

[51] **Int.Cl. 6C12N 15/90 6C12N 1/21**  
[25] EN  
[54] **EFFICIENT CONSTRUCTION OF VECTORS FOR GENE TARGETING USING PHAGE-PLASMID RECOMBINATION**  
[54] **SYNTHESE EFFICACE DE VECTEURS DE CIBLAGE GENETIQUE PAR RECOMBINAISON ENTRE PHAGES ET PLASMIDES**  
[72] WOYCHIK, RICHARD, US  
[71] AMGEN INC., US  
[85] 2000-04-27  
[86] 1998-06-03 (PCT/US98/11151)  
[87] 1999-05-14 (WO99/23238)  
[30] US (08/962,313) 1997-10-31

[21] **2,308,032**  
[13] A1

[51] **Int.Cl. 6A61G 13/12**  
[25] EN  
[54] **SURGICAL TABLE APPARATUS**  
[54] **TABLE CHIRURGICALE**  
[72] BORDERS, RICHARD L., US  
[71] HILL-ROM, INC., US  
[85] 2000-04-25  
[86] 1998-11-06 (PCT/US98/23689)  
[87] 1999-05-20 (WO99/23991)  
[30] US (60/064,709) 1997-11-07  
[30] US (60/083,673) 1998-04-30

## PCT Applications Entering the National Phase

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| <p style="text-align: right;">[21] <b>2,308,035</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B41J 2/045</b><br/>[25] EN<br/>[54] <b>INK JET PRINTER</b><br/>[54] <b>IMPRIMANTE A JET D'ENCRE</b><br/>[72] DE ROOS, MIKE, SE<br/>[72] BOSTROM, CHRISTER, SE<br/>[71] XAARJET AB, SE<br/>[85] 2000-04-25<br/>[86] 1998-10-30 (PCT/SE98/01972)<br/>[87] 1999-05-14 (WO99/22939)<br/>[30] SE (9703983-8) 1997-10-30<br/>[30] SE (9802142-1) 1998-06-16</p>   | <p style="text-align: right;">[21] <b>2,308,052</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F16K 7/04</b><br/>[25] EN<br/>[54] <b>SQUEEZE CLAMP FOR FLEXIBLE TUBING</b><br/>[54] <b>PINCE DE SERRAGE POUR TUBE FLEXIBLE</b><br/>[72] UTTERBERG, DAVID S., US<br/>[71] DSU MEDICAL CORPORATION, US<br/>[85] 2000-04-03<br/>[86] 1998-09-22 (PCT/US98/19800)<br/>[87] 1999-04-15 (WO99/18377)<br/>[30] US (08/943,672) 1997-10-03</p>  | <p style="text-align: right;">[21] <b>2,308,057</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07D 403/04 6C07D 295/02 6C07D 401/04 6A61K 31/47 6A61K 31/495</b><br/>[25] EN<br/>[54] <b>1-(2-NAPHTHYL) AND 1-(2-AZANAPHTHYL)-4-(1-PHENYLMETHYL)PIPERAZINES BEING DOPAMINE D4 RECEPTOR SUBTYPE LIGANDS</b><br/>[54] <b>PIPERAZINES DE 1-(2-NAPHTYLE) ET DE 1-(2-AZANAPHTYLE)-4-(1-PHENYLMETHYLE)EN TANT QUE LIGANDS POUR LE SOUS-TYPE DU RECEPTEUR DE LA DOPAMINE D4</b><br/>[72] WASLEY, JAN W. F., US<br/>[72] GANGULY, ASHIT, US<br/>[72] GREENLEE, WILLIAM, US<br/>[71] NEUROGEN CORPORATION, US<br/>[71] SCHERING CORPORATION, US<br/>[85] 2000-04-25<br/>[86] 1998-10-21 (PCT/US98/22233)<br/>[87] 1999-05-06 (WO99/21850)<br/>[30] US (08/954,353) 1997-10-24</p> |
| <p style="text-align: right;">[21] <b>2,308,037</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B60C 9/22 6B60C 9/18 6B60C 9/20</b><br/>[25] FR<br/>[54] <b>ARMATURE DE SOMMET POUR PNEUMATIQUE "POIDS-LOURDS"</b><br/>[54] <b>CROWN PLY REINFORCEMENT FOR HEAVY VEHICLE TYRE</b><br/>[72] CLUZEL, GUY, FR<br/>[71] COMPAGNIE GÉNÉRALE DES ÉTABLISSEMENTS MICHELIN - MICHELIN &amp; CIE, FR<br/>[85] 2000-04-28<br/>[86] 1998-10-27 (PCT/EP98/06798)<br/>[87] 1999-05-20 (WO99/24269)<br/>[30] FR (97/14011) 1997-11-05</p>   | <p style="text-align: right;">[21] <b>2,308,055</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/68</b><br/>[25] EN<br/>[54] <b>MALODOR COUNTERACTANT COMPOSITIONS AND METHODS FOR PREPARING AND USING SAME</b><br/>[54] <b>COMPOSITIONS POUR LUTTER CONTRE LES MAUVAISES ODEURS ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION</b><br/>[72] MANKOO, AMRIT SINGH, US<br/>[71] BUSH BOAKE ALLEN INC., US<br/>[85] 2000-05-31<br/>[86] 1998-10-15 (PCT/US98/21696)<br/>[87] 1999-04-22 (WO99/18940)<br/>[30] US (08/951,784) 1997-10-16</p>               | <p style="text-align: right;">[21] <b>2,308,058</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B29C 71/02 6B65B 55/08</b><br/>[25] EN<br/>[54] <b>METHOD AND APPARATUS FOR TREATING AN ARTICLE CONTAINING AN OXIDIZABLE ORGANIC COMPOUND</b><br/>[54] <b>PROCEDE ET APPAREIL POUR TRAITER UN ARTICLE CONTENANT UN COMPOSE ORGANIQUE OXYDABLE</b><br/>[72] ECOFF, MARTIN J., US<br/>[72] THOMAS, JEFFREY A., US<br/>[72] BECRAFT, MICHAEL L., US<br/>[72] SYLVIA, R. KARINA, US<br/>[71] CRYOVAC, INC., US<br/>[85] 2000-04-25<br/>[86] 1998-10-21 (PCT/US98/22185)<br/>[87] 1999-05-06 (WO99/21698)<br/>[30] US (08/960,002) 1997-10-29</p>   |
| <p style="text-align: right;">[21] <b>2,308,038</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04M 1/274</b><br/>[25] FR<br/>[54] <b>PROCEDE POUR EMETTRE DES SIGNAUX ACOUSTIQUES A PARTIR D'UNE CARTE A MEMOIRE OU A PUCE, ET CARTE POUR LA MISE EN OEUVRE DU PROCEDE</b><br/>[54] <b>METHOD FOR TRANSMITTING ACOUSTIC SIGNALS FROM A MEMORY OR CHIP CARD, AND CARD FOR IMPLEMENTING SAID METHOD</b><br/>[72] COLNOT, CEDRIC, FR<br/>[71] ELVA S.A., FR<br/>[85] 2000-04-28<br/>[86] 1998-11-04 (PCT/FR98/02354)<br/>[87] 1999-05-14 (WO99/23804)<br/>[30] FR (97 13 902) 1997-11-05</p> | <p style="text-align: right;">[21] <b>2,308,056</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B25F 1/04 6B26B 11/00 6B26B 1/02 6B25C 5/02</b><br/>[25] EN<br/>[54] <b>MULTIPURPOSE HAND DEVICE</b><br/>[54] <b>APPAREIL MANUEL MULTI-USAGE</b><br/>[72] KOTTELAT, CLAUDE, CH<br/>[72] ACKERET, PETER, CH<br/>[72] NUSSBAUMER, ROLF, CH<br/>[72] JEANDUPEUX, PIERRE-ALAIN, CH<br/>[72] WIRA, YVES, FR<br/>[71] CTECH AG, CH<br/>[85] 2000-04-12<br/>[86] 1998-10-16 (PCT/EP98/06568)<br/>[87] 1999-04-29 (WO99/20438)<br/>[30] DE (197 45 799.1) 1997-10-16</p> |  |

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| <p style="text-align: right;">[21] <b>2,308,059</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F16L 13/14 6B21D 39/04</b><br/>[25] EN<br/>[54] <b>METHOD FOR CONNECTING A PIPE AND A PIPE COUPLING, LINK BETWEEN A PIPE AND A PIPE COUPLING, AND CONNECTOR USED</b><br/>[54] <b>PROCEDE DE LIAISON D'UN TUYAU ET D'UN RACCORD DE TUYAU, LIAISON ENTRE UN TUYAU ET UN RACCORD DE TUYAU, ET RACCORD UTILISE</b><br/>[72] NGHIEM, XUAN LUONG, DE<br/>[71] NOVOPRESS GMBH PRESSEN UND PRESSWERKZEUGE &amp; CO. KG, DE<br/>[85] 2000-04-25<br/>[86] 1998-10-30 (PCT/EP98/06881)<br/>[87] 1999-05-14 (WO99/23406)<br/>[30] EP (97119127.5) 1997-11-03<br/>[30] EP (98112355.7) 1998-07-03</p> | <p style="text-align: right;">[21] <b>2,308,063</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G01N 21/55 7G01N 21/25 7G01J 3/42 7G01J 3/46</b><br/>[25] EN<br/>[54] <b>REFLECTOMETER</b><br/>[54] <b>REFLECTOMETRE</b><br/>[72] WEISS, JOHN, US<br/>[72] WEITMAN, IRWIN, US<br/>[71] TECHNICAL CHEMICALS &amp; PRODUCTS, INC., US<br/>[85] 2000-04-26<br/>[86] 1998-10-30 (PCT/US98/23167)<br/>[87] 1999-05-14 (WO99/23479)<br/>[30] US (60/063,935) 1997-10-31</p>   | <p style="text-align: right;">[21] <b>2,308,067</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07D 273/00</b><br/>[25] EN<br/>[54] <b>NOVEL CRYSTAL OF DEPSIPEPTIDE DERIVATIVE AND PROCESS FOR PRODUCING THE SAME</b><br/>[54] <b>NOUVEAU CRISTAL DE DERIVE DEPSIPEPTIDIQUE ET PROCEDE DE PRODUCTION</b><br/>[72] YAMANISHI, RYO, JP<br/>[72] YAMAMURA, ATSUSHI, JP<br/>[72] IKUSHIMA, MUNEHARU, JP<br/>[71] FUJISAWA PHARMACEUTICAL CO., LTD., JP<br/>[85] 2000-04-26<br/>[86] 1998-10-20 (PCT/JP98/04752)<br/>[87] 1999-05-20 (WO99/24412)<br/>[30] JP (9-307535) 1997-11-10</p>  |
| <p style="text-align: right;">[21] <b>2,308,060</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B42D 3/00</b><br/>[25] EN<br/>[54] <b>BOOK CONSTRUCTED OF FOAM</b><br/>[54] <b>LIVRE EN MOUSSE</b><br/>[72] KAUFMAN, SHARI, US<br/>[71] INNOVATIVE USA, INC., US<br/>[85] 2000-04-26<br/>[86] 1999-05-13 (PCT/US99/10635)<br/>[87] 2000-03-16 (WO00/13912)<br/>[30] US (09/149,781) 1998-09-08</p>   | <p style="text-align: right;">[21] <b>2,308,064</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H03C 1/52 6H04L 27/04 6H03M 5/08 6H03M 5/14</b><br/>[25] EN<br/>[54] <b>DIGITAL MODULATION EMPLOYING SINGLE SIDEBAND WITH SUPPRESSED CARRIER</b><br/>[54] <b>MODULATION NUMERIQUE A BANDE LATERALE UNIQUE AVEC SUPPRESSION DE PORTEUSE</b><br/>[72] WALKER, HAROLD, US<br/>[71] WALKER, HAROLD, US<br/>[85] 2000-04-26<br/>[86] 1998-10-30 (PCT/US98/23140)<br/>[87] 1999-05-14 (WO99/23754)<br/>[30] US (08/963,237) 1997-11-03</p>  | <p style="text-align: right;">[21] <b>2,308,069</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/47 6C07D 217/02 6C07D 209/04 6C07D 401/10 6C07D 405/10 6C07D 409/10 6C07D 217/12 6C07D 209/14 6C07D 401/14 6C07D 405/14 6C07D 409/14 6A61K 31/35 6A61K 31/38 6A61K 31/405 6A61K 31/445 6C07D 333/52</b><br/>[25] EN<br/>[54] <b>ANTAGONISTS OF GONADOTROPIN RELEASING HORMONE</b><br/>[54] <b>ANTAGONISTES DE LA GONADOLIBERINE</b><br/>[72] WYVRATT, MATTHEW J., US<br/>[72] WITKIN, STEPHANIE L., US<br/>[72] GOULET, MARK T., US<br/>[72] WALSH, THOMAS F., US<br/>[72] CHU, LIN, US<br/>[71] MERCK &amp; CO., INC., US<br/>[85] 2000-04-26<br/>[86] 1998-10-23 (PCT/US98/22487)<br/>[87] 1999-05-06 (WO99/21557)<br/>[30] US (60/063,312) 1997-10-28<br/>[30] GB (9806694.7) 1998-03-27</p> |
| <p style="text-align: right;">[21] <b>2,308,061</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B65B 3/10</b><br/>[25] EN<br/>[54] <b>AUTOMATIC FLUID CONTAINER REFILL DEVICE</b><br/>[54] <b>DISPOSITIF DE REAPPROVISIONNEMENT AUTOMATIQUE POUR RECIPIENT A FLUIDE</b><br/>[72] CLARK, JAMES E., II, US<br/>[71] C.H. &amp; I. TECHNOLOGIES, INC., US<br/>[85] 2000-04-26<br/>[86] 1997-10-27 (PCT/US97/19237)<br/>[87] 1999-05-06 (WO99/21761)</p>   | <p style="text-align: right;">[21] <b>2,308,065</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C12P 7/64</b><br/>[25] EN<br/>[54] <b>PROCESS FOR PRODUCING ARACHIDONIC ACID-CONTAINING LIPID AND DIHOMO-.GAMMA.-LINOLENIC ACID-CONTAINING LIPID</b><br/>[54] <b>PROCEDE DE PRODUCTION DE LIPIDE CONTENANT DE L'ACIDE ARACHIDONIQUE ET DE LIPIDE CONTENANT DE L'ACIDE DIHOMO-.GAMMA.-LINOLENIQUE</b><br/>[72] AKIMOTO, KENGO, JP<br/>[72] SHIMIZU, SAKAYU, JP<br/>[72] HIGASHIYAMA, KENICHI, JP<br/>[71] SUNTORY LIMITED, JP<br/>[85] 2000-04-26<br/>[86] 1999-08-27 (PCT/JP99/04653)<br/>[87] 2000-03-09 (WO00/12744)<br/>[30] JP (10/243583) 1998-08-28</p> |   |



## PCT Applications Entering the National Phase

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| <p style="text-align: center;">[21] <b>2,308,070</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/58</b><br/>[25] EN<br/>[54] <b>PREVENTION OF PRECIPITATED ACUTE URINARY RETENTION</b><br/>[54] <b>PREVENTION DE RETENTION URINAIRE AIGUE PRECIPITEE</b><br/>[72] WALDSTREICHER, JOANNE, US<br/>[71] MERCK &amp; CO., INC., US<br/>[85] 2000-04-26<br/>[86] 1998-10-23 (PCT/US98/22669)<br/>[87] 1999-05-06 (WO99/21563)<br/>[30] US (60/065,953) 1997-10-28</p>   | <p style="text-align: center;">[21] <b>2,308,073</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07C 221/00 6C07C 225/06 6C07C 249/08 6C07C 249/12 6C07D 307/32 6C07C 59/48 6C07C 59/64</b><br/>[25] EN<br/>[54] <b>OPTICALLY ACTIVE INTERMEDIATES FOR THE PREPARATION OF OPTICALLY ACTIVE SUBSTITUTED OXIMES, HYDRAZONES AND OLEFINS USEFUL AS NEUROKININ ANTAGONISTS</b><br/>[54] <b>INTERMEDIAIRES OPTIQUEMENT ACTIFS DESTINES A LA PREPARATION D'OXIMES SUBSTITUES OPTIQUEMENT ACTIFS, D'HYDRAZONES ET D'OLEFINES UTILES COMME ANTAGONISTES DE LA NEUROKININE</b><br/>[72] SUDHAKAR, ANANTHA R., US<br/>[72] TANG, SUHAN, US<br/>[71] SCHERING CORPORATION, US<br/>[85] 2000-04-26<br/>[86] 1998-10-23 (PCT/US98/22248)<br/>[87] 1999-05-06 (WO99/21823)<br/>[30] US (08/958,118) 1997-10-27</p> | <p style="text-align: center;">[21] <b>2,308,075</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C08F 10/06 6C08F 297/08 6C08L 23/10</b><br/>[25] EN<br/>[54] <b>NOVEL PROPYLENE POLYMERS AND PRODUCTS THEREOF</b><br/>[54] <b>NOUVEAUX POLYMERES DE PROPYLENE ET PRODUITS DERIVES</b><br/>[72] HUOVINEN, PAIVI, IT<br/>[72] JAASKELAINEN, PIRJO, FI<br/>[72] KARBASI, AMIR, FI<br/>[72] LIND, CHRISTER, SE<br/>[72] HAUGEN, JOHN, NO<br/>[72] MALM, BO, FI<br/>[71] BOREALIS A/S, DK<br/>[85] 2000-04-26<br/>[86] 1998-11-09 (PCT/FI98/00867)<br/>[87] 1999-05-20 (WO99/24479)<br/>[30] FI (974176) 1997-11-07<br/>[30] FI (980342) 1998-02-13</p> |
| <p style="text-align: center;">[21] <b>2,308,072</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B65D 23/10 6B65D 1/02</b><br/>[25] EN<br/>[54] <b>HOT-FILLABLE PLASTIC CONTAINER WITH GRIPPABLE BODY</b><br/>[54] <b>CONTENANT EN PLASTIQUE REMPLI A CHAUD AVEC CORPS EMPOIGNABLE</b><br/>[72] COLLETTE, WAYNE N., US<br/>[72] PICCIOLI, DAVID, US<br/>[72] KRISHNAKUMAR, SUPPAYAN M., US<br/>[71] CONTINENTAL PET TECHNOLOGIES, INC., US<br/>[85] 2000-04-26<br/>[86] 1998-10-28 (PCT/US98/22843)<br/>[87] 1999-05-06 (WO99/21770)<br/>[30] US (08/959,423) 1997-10-28</p> | <p style="text-align: center;">[21] <b>2,308,074</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F16B 23/00 6B25B 15/00 6B21K 1/46</b><br/>[25] EN<br/>[54] <b>SPIRAL DRIVE SYSTEM FOR THREADED FASTENERS</b><br/>[54] <b>SYSTEME DE TETE D'OUTIL SPIRALE POUR LIAISON TECHNIQUE FILETEE</b><br/>[72] STACY, W. DODD, US<br/>[71] PHILLIPS SCREW COMPANY, US<br/>[85] 2000-04-26<br/>[86] 1998-10-28 (PCT/US98/22864)<br/>[87] 1999-05-14 (WO99/23389)<br/>[30] US (08/961,626) 1997-10-31</p>  | <p style="text-align: center;">[21] <b>2,308,076</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C08F 10/06 6C08F 4/00 6C08L 23/10</b><br/>[25] EN<br/>[54] <b>PROCESS FOR PREPARING POLYPROPYLENE</b><br/>[54] <b>PROCEDE DE PREPARATION DE POLYPROPYLENE</b><br/>[72] JAASKELAINEN, PIRJO, FI<br/>[72] LESKINEN, PAULI, FI<br/>[72] KARBASI, AMIR, FI<br/>[72] MALM, BO, FI<br/>[72] PITKANEN, PAIVI, FI<br/>[72] HARKONEN, MIKA, NO<br/>[72] HAUGEN, JOHN, NO<br/>[71] BOREALIS A/S, DK<br/>[85] 2000-04-26<br/>[86] 1998-11-09 (PCT/FI98/00866)<br/>[87] 1999-05-20 (WO99/24478)<br/>[30] FI (974175) 1997-11-07</p>                            |

## Demandes PCT entrant en phase nationale

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| <p style="text-align: center;">[21] <b>2,308,077</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C08G 18/62 6C09D 133/00 6C08F 216/00 6C08K 5/103 6C08G 18/40</b></p> <p>[25] EN</p> <p>[54] <b>HIGH SOLIDS COATING COMPOSITIONS</b></p> <p>[54] <b>COMPOSITIONS DE REVETEMENTS A FORTE TENEUR EN SOLIDES</b></p> <p>[72] HENRY, NATHALIE, BE</p> <p>[72] UYTTERHOEVEN, GRIET, BE</p> <p>[72] MOERMAN, MARC CARLO, BE</p> <p>[72] KREBS, ACHIM, BE</p> <p>[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL</p> <p>[85] 2000-04-26</p> <p>[86] 1998-10-28 (PCT/EP98/07017)</p> <p>[87] 1999-05-06 (WO99/21906)</p> <p>[30] EP (97203351.8) 1997-10-29</p> <p>[30] EP (97204126.3) 1997-12-29</p> | <p style="text-align: center;">[21] <b>2,308,134</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G08B 5/00</b></p> <p>[25] EN</p> <p>[54] <b>IMPROVED GAUGE INSTRUMENT FOR USE IN A MOTOR VEHICLE</b></p> <p>[54] <b>INSTRUMENT INDICATEUR AMELIORE POUR VEHICULE A MOTEUR</b></p> <p>[72] AYRES, CRAIG A., US</p> <p>[72] BLOSSOM, THOMAS, US</p> <p>[72] AYRES, JOHN A., US</p> <p>[71] INVOTRONICS MANUFACTURING, US</p> <p>[85] 1999-06-25</p> <p>[86] 1998-11-03 (PCT/US98/23293)</p> <p>[87] 1999-05-14 (WO99/23624)</p> <p>[30] US (60/064,019) 1997-11-03</p>   | <p style="text-align: center;">[21] <b>2,308,138</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F24F 13/065 6F24F 1/02 6B60H 1/34</b></p> <p>[25] EN</p> <p>[54] <b>AIR CONDITIONER AIR DIRECTING APPARATUS</b></p> <p>[54] <b>APPAREIL PERMETTANT D'ORIENTER L'AIR SORTANT D'UN CONDITIONNEUR D'AIR</b></p> <p>[72] DE BARROS, DANIEL</p> <p>ALESSANDRO OLIVEIRA, BR</p> <p>[72] RAMOS, PAULO AUGUSTO LISBOA, BR</p> <p>[72] TRES, ANDREI, BR</p> <p>[71] CARRIER CORPORATION, US</p> <p>[85] 2000-05-03</p> <p>[86] 1998-09-16 (PCT/BR98/00071)</p> <p>[87] 2000-03-23 (WO00/16020)</p> |
| <p style="text-align: center;">[21] <b>2,308,078</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7F27B 9/16 7F27D 3/08 7C21B 13/10</b></p> <p>[25] EN</p> <p>[54] <b>METHOD FOR OPERATING MOVING HEARTH REDUCING FURNACE</b></p> <p>[54] <b>MISE EN OEUVRE D'UN FOUR DE REDUCTION A SOLE MOBILE</b></p> <p>[72] TANAKA, HIDETOSHI, JP</p> <p>[72] HARADA, TAKAO, JP</p> <p>[72] MATSUSHITA, KOICHI, JP</p> <p>[72] TATEISHI, MASATAKA, JP</p> <p>[71] KABUSHIKI KAISHA KOBE SEIKO SHO, JP</p> <p>[85] 2000-04-26</p> <p>[86] 1999-08-26 (PCT/JP99/04594)</p> <p>[87] 2000-03-09 (WO00/12946)</p> <p>[30] JP (10/241713) 1998-08-27</p>   | <p style="text-align: center;">[21] <b>2,308,135</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/44 6C07F 3/06</b></p> <p>[25] EN</p> <p>[54] <b>NOVEL METAL COMPLEXES</b></p> <p>[54] <b>NOUVEAUX COMPLEXES METALLIQUES</b></p> <p>[72] LUENGO, JUAN I., US</p> <p>[72] GLEASON, JOHN G., US</p> <p>[72] MILLER, STEPHEN G., US</p> <p>[71] LIGAND PHARMACEUTICALS, US</p> <p>[71] SMITHKLINE BEECHAM CORPORATION, US</p> <p>[85] 2000-04-28</p> <p>[86] 1998-10-30 (PCT/US98/23187)</p> <p>[87] 1999-05-14 (WO99/22734)</p> <p>[30] US (60/065,409) 1997-10-31</p> <p>[30] US (60/063,957) 1997-10-31</p> | <p style="text-align: center;">[21] <b>2,308,139</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6D21F 5/00</b></p> <p>[25] EN</p> <p>[54] <b>METHOD AND ARRANGEMENT FOR DRYING A FIBER WEB</b></p> <p>[54] <b>PROCEDE ET DISPOSITIF DE SECHAGE D'UNE NAPPE DE FIBRES</b></p> <p>[72] RETULAINEN, ELIAS, FI</p> <p>[71] VALMET CORPORATION, FI</p> <p>[85] 1999-09-17</p> <p>[86] 1998-03-19 (PCT/FI98/00240)</p> <p>[87] 1998-10-01 (WO98/42913)</p> <p>[30] FI (971210) 1997-03-21</p>  |
| <p style="text-align: center;">[21] <b>2,308,136</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/00 6C07K 5/00 6C07K 7/00 6A61K 38/28</b></p> <p>[25] EN</p> <p>[54] <b>METHOD FOR ADMINISTERING ACYLATED INSULIN</b></p> <p>[54] <b>PROCEDE POUR ADMINISTRER DE L'INSULINE ACYLEE</b></p> <p>[72] HUGHES, BENJAMIN LEE, US</p> <p>[72] WOLFF, RONALD KEITH, US</p> <p>[71] ELI LILLY AND COMPANY, US</p> <p>[85] 2000-04-28</p> <p>[86] 1998-10-29 (PCT/US98/23040)</p> <p>[87] 1999-05-14 (WO99/22754)</p> <p>[30] US (60/064,439) 1997-10-31</p>   | <p style="text-align: center;">[21] <b>2,308,140</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6D01F 8/04 6A61L 27/00 6D01F 8/06 6D01F 8/12 6D01F 8/14 6D01F 8/16</b></p> <p>[25] EN</p> <p>[54] <b>IMPLANTABLE FIBERS AND MEDICAL ARTICLES</b></p> <p>[54] <b>FIBRES ET ARTICLES A USAGE MEDICAL IMPLANTABLES</b></p> <p>[72] SOUTHERN, JOHN H., US</p> <p>[72] MARTIN, DONALD H., US</p> <p>[71] MONSANTO COMPANY, US</p> <p>[85] 2000-05-03</p> <p>[86] 1997-11-03 (PCT/US97/20177)</p> <p>[87] 1998-05-14 (WO98/20190)</p> <p>[30] US (60/030,577) 1996-11-04</p>  |  |

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[21] **2,308,141**  
[13] A1  
[51] **Int.Cl. 6G11B 20/00 6H04N 5/913**  
[25] EN  
[54] **A METHOD AND A SYSTEM FOR TRANSFERRING INFORMATION USING AN ENCRYPTION MODE INDICATOR**  
[54] **PROCEDE ET SYSTEME DE TRANSFERT D'INFORMATIONS METTANT EN OEUVRE UN INDICATEUR DE MODE DE CRYPTAGE**  
[72] ASANO, TOMOYUKI, JP  
[72] SHIMA, HISATO, US  
[72] KOMURO, TERUYOSHI, JP  
[72] OSAWA, YOSHITOMO, JP  
[71] SONY ELECTRONICS, INC., US  
[85] 2000-04-18  
[86] 1998-10-19 (PCT/US98/22126)  
[87] 1999-05-06 (WO99/22372)  
[30] US (08/957,051) 1997-10-24

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[21] **2,308,142**  
[13] A1  
[51] **Int.Cl. 6C07K 16/42 6C12N 5/20 6A61K 39/395**  
[25] EN  
[54] **ANTI-IDIOTYPE MONOCLONAL ANTIBODIES, THEIR USE IN ACTIVE IMMUNOTHERAPY OF MALIGNANT TUMORS AND COMPOSITIONS CONTAINING THEM**  
[54] **ANTICORPES MONOCLONAUX ANTI-IDIOTYPES, LEUR UTILISATION DANS L'IMMUNOTHERAPIE ACTIVE DE TUMEURS MALIGNES ET COMPOSITIONS LES RENFERMANT**  
[72] BEAUSOLEIL DELGADO, IRENE, CU  
[72] BOMBINO LOPEZ, GUMERSINDA, CU  
[72] PEREZ GONZALEZ, ALEXIS, CU  
[72] VASQUEZ LOPEZ, ANA MARIA, CU  
[72] PEREZ RODRIGUEZ, ROLANDO, CU  
[72] IGLESIAS SIERRA, ELADIO, CU  
[71] CENTRO DE INMUNOLOGIA MOLECULAR (CIM), CU  
[85] 2000-04-17  
[86] 1998-10-21 (PCT/CU98/00007)  
[87] 1999-04-29 (WO99/20656)  
[30] CU (119/97) 1997-10-21

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[21] **2,308,143**  
[13] A1  
[51] **Int.Cl. 6A61K 31/44 6A61K 47/18**  
[25] EN  
[54] **PHARMACEUTICAL FORMULATION COMPRISING GLYCINE AS A STABILIZER**  
[54] **FORMULATION PHARMACEUTIQUE COMPRENANT DE LA GLYCINE COMME STABILISANT**  
[72] ONAI, KATSUMI, JP  
[72] IWAMOTO, KIYOSHI, JP  
[72] WOOD, RAY, US  
[72] MCSHANE, JAMES, US  
[72] WATANABE, SUMIO, JP  
[71] EISAI CO., LTD., JP  
[85] 2000-06-02  
[86] 1998-09-14 (PCT/US98/21972)  
[87] 1999-04-22 (WO99/18959)  
[30] US (60/062,089) 1997-10-14

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[21] **2,308,144**  
[13] A1  
[51] **Int.Cl. 6A61M 5/00**  
[25] EN  
[54] **NEEDLELESS INJECTION SITE**  
[54] **SITE D'INJECTION SANS AIGUILLE**  
[72] MAYER, BRUNO FRANZ P., US  
[71] CRITICAL DEVICE CORPORATION, US  
[85] 2000-05-02  
[86] 1998-08-05 (PCT/US98/16354)  
[87] 1999-05-20 (WO99/24090)  
[30] US (08/966,337) 1997-11-07

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[21] **2,308,145**  
[13] A1  
[51] **Int.Cl. 6A63C 17/06**  
[25] EN  
[54] **ROLLER SKATE**  
[54] **PATIN A ROULETTES**  
[72] LOVITT, BERT, US  
[72] WINSLOW, WARREN, US  
[71] LAND ROLLER, INC., US  
[85] 2000-01-26  
[86] 1998-07-24 (PCT/US98/15146)  
[87] 1999-02-04 (WO99/04871)  
[30] US (08/901,118) 1997-07-28

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[21] **2,308,146**  
[13] A1  
[51] **Int.Cl. 6C08F 2/46 6C08H 1/00 6C08L 89/00 6C08J 3/28 6C08F 2/48**  
[25] EN  
[54] **COLLAGEN TYPE I AND TYPE III ADHESIVE COMPOSITIONS**  
[54] **COMPOSITIONS D'ADHESIF A BASE DE COLLAGENE DU TYPE I ET DU TYPE III**  
[72] NEFF, THOMAS B., US  
[72] KIVIRIKKO, KARI I., FI  
[71] FIBROGEN, INC., US  
[85] 2000-01-27  
[86] 1998-07-28 (PCT/US98/15382)  
[87] 1999-02-04 (WO99/05180)  
[30] US (60/053,872) 1997-07-28

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[21] **2,308,147**  
[13] A1  
[51] **Int.Cl. 6G06F 9/46 6H04L 12/28 6H04L 12/40 6H04L 12/56**  
[25] EN  
[54] **SCALABLE NETWORKED MULTIMEDIA SYSTEM AND APPLICATIONS**  
[54] **SYSTEME MULTIMEDIA ECHELONNABLE CONNECTE A UN RESEAU ET SES APPLICATIONS**  
[72] YUL, INN J., US  
[72] BROWN, WILLIAM BLAKE, US  
[72] LAUWERS, CHRIS, US  
[72] LUDWIG, LESTER, US  
[72] LUI, RICHARD, US  
[72] VUONG, ANH T., US  
[72] VANDERLIPPE, RICHARD W., US  
[72] BURNETT, GERALD, US  
[72] APPLEBAUM, DANIEL, US  
[71] COLLABORATION PROPERTIES, INC., US  
[85] 2000-05-02  
[86] 1998-11-04 (PCT/US98/23596)  
[87] 1999-05-14 (WO99/23560)  
[30] US (60/064,266) 1997-11-04

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[21] **2,308,148**  
[13] A1

[51] **Int.Cl. 6C07D 257/04 6C07D 401/04 6C07D 409/04 6A01N 43/713**  
[25] EN  
[54] **PESTICIDAL TETRAZOLE DERIVATIVES**  
[54] **DERIVES DE TETRAZOLE PESTICIDES**  
[72] DEKEYSER, MARK ACHIEL, CA  
[72] MCDONALD, PAUL THOMAS, US  
[71] UNIROYAL CHEMICAL CO./UNIROYAL CHEMICAL CIE., CA  
[71] UNIROYAL CHEMICAL COMPANY, INC., US  
[85] 2000-05-01  
[86] 1998-10-07 (PCT/US98/21120)  
[87] 1999-05-14 (WO99/23080)  
[30] US (08/963714) 1997-11-04

[21] **2,308,149**  
[13] A1

[51] **Int.Cl. 6G01F 11/02 6G01F 15/00**  
[25] EN  
[54] **MULTIPLE OUTLET DISPENSING DEVICE**  
[54] **DISPOSITIF DE DISTRIBUTION A SORTIES MULTIPLES**  
[72] VARGAS, GREGORY C., US  
[72] DEMARS, JIMMY A., US  
[72] THORSON, JAMES S., US  
[71] THE PILLSBURY COMPANY, US  
[85] 2000-05-02  
[86] 1998-10-29 (PCT/US98/22971)  
[87] 1999-05-14 (WO99/23459)  
[30] US (08/962,802) 1997-11-03

[21] **2,308,150**  
[13] A1

[51] **Int.Cl. 6A61M 31/00 6A61M 5/142**  
[25] EN  
[54] **INTRAVESICAL INFUSER**  
[54] **INFUSEUR INTRAVESICAL**  
[72] SIRIVONG, MIKXAY, US  
[72] ZUPKAS, PAUL F., US  
[72] MATSUURA, DAVID G., US  
[72] GILLESPIE, WALTER DEAN, US  
[72] PARSONS, CHARLES LOWELL, US  
[72] GREELIS, JOHN PATRICK, US  
[71] SITUS CORPORATION, US  
[85] 2000-05-02  
[86] 1998-10-09 (PCT/US98/21368)  
[87] 1999-05-20 (WO99/24106)  
[30] US (60/063,985) 1997-11-06  
[30] US (09/041,475) 1998-03-11

[21] **2,308,151**  
[13] A1

[51] **Int.Cl. 6C07D 211/70 6C07D 207/08 6C07D 491/18 6C07D 211/22 6C07C 211/29 6A61K 31/40 6A61K 31/445**  
[25] EN  
[54] **BIPHENYL DERIVATIVES AS PHARMACEUTICALS**  
[54] **DERIVES DE BIPHENYLE EN TANT QUE PRODUITS PHARMACEUTIQUES**  
[72] POMBO VILLAR, ESTEBAN, CH  
[72] KOLLER, MANUEL, CH  
[72] OFNER, SILVIO, CH  
[72] SWOBODA, ROBERT, CH  
[71] NOVARTIS AG, CH  
[85] 2000-04-17  
[86] 1998-10-30 (PCT/EP98/06880)  
[87] 1999-05-14 (WO99/23073)  
[30] GB (9723134.4) 1997-11-03  
[30] GB (9723133.6) 1997-11-03

[21] **2,308,152**  
[13] A1

[51] **Int.Cl. 6D21G 1/00 6D21G 9/00**  
[25] EN  
[54] **ARRANGEMENT OF THREADING IN A CALENDER**  
[54] **AGENCEMENT DU DEFILAGE DU PAPIER DANS UNE CALANDRE**  
[72] KINNUNEN, JORMA, FI  
[71] VALMET CORPORATION, FI  
[85] 2000-05-02  
[86] 1998-10-30 (PCT/FI98/00846)  
[87] 1999-05-14 (WO99/23304)  
[30] FI (974121) 1997-11-04

[21] **2,308,153**  
[13] A1

[51] **Int.Cl. 6A63C 17/24**  
[25] EN  
[54] **A ROLLER SKATE**  
[54] **PATIN A ROULETTES**  
[72] BAKX, WILHELMUS STEFANUS ANTONIUS MARIA, NL  
[71] BAKX, WILHELMUS STEFANUS ANTONIUS MARIA, NL  
[85] 2000-05-02  
[86] 1998-11-09 (PCT/NL98/00649)  
[87] 1999-05-20 (WO99/24127)  
[30] NL (1007508) 1997-11-10

[21] **2,308,155**  
[13] A1

[51] **Int.Cl. 6G01N 29/00**  
[25] EN  
[54] **METHOD FOR TESTING A PRESTRESSED CONCRETE CONDUIT**  
[54] **PROCEDE D'ESSAI D'UNE CONDUITE EN BETON PRECONTRAINTE**  
[72] IYER, SUBRAMANIAN T. M., US  
[72] WEBSTER, HARVEY, O., III, US  
[71] METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA, US  
[85] 2000-04-18  
[86] 1998-10-28 (PCT/US98/22853)  
[87] 1999-05-14 (WO99/23485)  
[30] US (08/962,438) 1997-10-31

[21] **2,308,157**  
[13] A1

[51] **Int.Cl. 6H04M 3/42 6H04M 7/00**  
[25] EN  
[54] **REMOTE ACCESS, EMULATION, AND CONTROL OF OFFICE EQUIPMENT, DEVICES AND SERVICES**  
[54] **ACCES A DISTANCE, EMULATION ET COMMANDE D'EQUIPEMENT DE BUREAU, DISPOSITIFS ET SERVICES**  
[72] SZLAM, ALEKSANDER, US  
[71] MELITA INTERNATIONAL CORPORATION, US  
[85] 2000-05-02  
[86] 1998-10-30 (PCT/US98/23131)  
[87] 1999-05-14 (WO99/23807)  
[30] US (60/064,251) 1997-11-04  
[30] US (08/977,412) 1997-11-24

[21] **2,308,159**  
[13] A1

[51] **Int.Cl. 6H04Q 7/30 6H04Q 7/34**  
[25] EN  
[54] **AUTOMATIC CONFIGURATION OF ANTENNA NEAR PARTS EQUIPMENT**  
[54] **CONFIGURATION AUTOMATIQUE DES PERIPHERIQUES D'UNE ANTENNE**  
[72] LINDSKOG, KRISTIAN, SE  
[72] OSTERLING, JACOB, SE  
[72] LINDQVIST, DAN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-05-02  
[86] 1998-10-30 (PCT/SE98/01966)  
[87] 1999-05-14 (WO99/23846)  
[30] US (08/962,695) 1997-11-03

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[13] A1  
[51] **Int.Cl. 6F04C 15/04 6F04B 47/02 6E21B 43/12**  
[25] EN  
[54] **DRIVE HEAD FOR A ROTARY-DRIVEN ROD ASSEMBLY, ESPECIALLY FOR DRIVING A SAND PUMP**  
[54] **TETE D'ENTRAINEMENT POUR TIGES ENTRAINEES EN ROTATION, NOTAMMENT POUR ENTRAINER UNE POMPE DE FORAGE**  
[72] HANTSCHK, GUNTHER, DE  
[71] NETZSCH-MOHNOPUMPEN GMBH, DE  
[85] 2000-05-02  
[86] 1998-11-02 (PCT/EP98/06917)  
[87] 1999-05-20 (WO99/24717)  
[30] DE (197 48 907.9) 1997-11-05

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[21] **2,308,166**  
[13] A1  
[51] **Int.Cl. 6G01N 27/72**  
[25] EN  
[54] **ABSOLUTE PROPERTY MEASUREMENT WITH AIR CALIBRATION**  
[54] **MESURAGE DES PROPRIETES ABSOLUES AVEC CAPACITE D'ETALONNAGE DANS L'AIR AMBIANT**  
[72] GOLDFINE, NEIL J., US  
[72] SCHLICKER, DARREL E., US  
[72] WASHABAUGH, ANDREW, US  
[71] JENTEK SENSORS, INC., US  
[85] 2000-04-26  
[86] 1998-10-28 (PCT/US98/22900)  
[87] 1999-05-06 (WO99/22231)  
[30] US (60/063,534) 1997-10-29  
[30] US (60/069,604) 1997-12-15  
[30] US (60/104,526) 1998-10-16

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[21] **2,308,168**  
[13] A1  
[51] **Int.Cl. 6C08G 65/10**  
[25] EN  
[54] **METHOD FOR PRODUCING PARTIALLY CRYSTALLINE POLYETHER POLYOLS**  
[54] **PROCEDE DE PRODUCTION DE POLYOLS DE POLYETHER PARTIELLEMENT CRISTALLINS**  
[72] SCHAFFER, WALTER, DE  
[72] HOFMANN, JORG, DE  
[72] MULLER, HANNIS-PETER, DE  
[72] PIELARTZIK, HARALD, DE  
[72] GUPTA, PRAMOND, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-05-01  
[86] 1998-10-21 (PCT/EP98/06689)  
[87] 1999-05-14 (WO99/23135)  
[30] DE (197 48 359.3) 1997-11-03

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[21] **2,308,171**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/38**  
[25] EN  
[54] **SELECTION OF POSITIONING HANDOVER CANDIDATES BASED ON ANGLE**  
[54] **SELECTION DE CANDIDATS DE TRANSFERT DE LOCALISATION, EN FONCTION D'UN ANGLE**  
[72] ZADEH, BAGHER R., US  
[72] KINGDON, CHRISTOPHER H., US  
[71] ERICSSON INC., US  
[85] 2000-05-01  
[86] 1998-10-28 (PCT/US98/22847)  
[87] 1999-05-14 (WO99/23850)  
[30] US (08/960,720) 1997-10-30

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[21] **2,308,173**  
[13] A1  
[51] **Int.Cl. 6H04L 25/03**  
[25] EN  
[54] **METHOD FOR JOINT EQUALIZATION AND DETECTION OF MULTIPLE USER SIGNALS**  
[54] **PROCEDE ASSOCIANT L'EGALISATION ET LA DETECTION DE PLUSIEURS SIGNAUX UTILISATEUR**  
[72] MOLNAR, KARL, US  
[71] ERICSSON INC., US  
[85] 2000-05-01  
[86] 1998-10-22 (PCT/US98/22402)  
[87] 1999-05-14 (WO99/23795)  
[30] US (08/962,249) 1997-10-31

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[21] **2,308,175**  
[13] A1  
[51] **Int.Cl. 6H04L 12/64 6H04L 29/06**  
[25] EN  
[54] **NETWORK FOR PROVIDING SWITCHED BROADBAND MULTIPOINT/MULTIMEDIA INTERCOMMUNICATION**  
[54] **RESEAU PERMETTANT UNE INTERCOMMUNICATION MULTIPOINT/MULTIMEDIA, A BANDE LARGE ET COMMUTEE**  
[72] CHU, TODD D., US  
[72] WOODYATT, JAMES H., US  
[72] JEX, JESSICA DASHA, US  
[72] DEAVILA, MIGUEL J., US  
[72] COBB, RICHARD E., US  
[72] GOLDEN, MICHAEL E., US  
[72] GRENLEY, GEORGE R., US  
[72] RUNDQUIST, WILLIAM A., US  
[71] WARPSPEED COMMUNICATIONS, US  
[85] 2000-05-02  
[86] 1998-11-10 (PCT/US98/23785)  
[87] 1999-05-20 (WO99/25096)  
[30] US (08/966,634) 1997-11-10

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[21] **2,308,177**  
[13] A1  
[51] **Int.Cl. 6A61F 2/06**  
[25] EN  
[54] **INTRAVASCULAR STENT AND METHOD FOR MANUFACTURING AN INTRAVASCULAR STENT**  
[54] **STENT INTRAVASCULAIRE ET PROCEDE DE FABRICATION**  
[72] SPRAGUE, EUGENE A., US  
[72] PALMAZ, JULIO C., US  
[71] EXPANDABLE GRAFTS PARTNERSHIP, US  
[85] 2000-05-01  
[86] 1998-11-05 (PCT/US98/23609)  
[87] 1999-05-20 (WO99/23977)  
[30] US (60/064,916) 1997-11-07

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[21] **2,308,180**  
[13] A1  
[51] **Int.Cl. 6E21B 43/10**  
[25] EN  
[54] **EXPANDABLE DOWNHOLE TUBING**  
[54] **TUBE DE PRODUCTION DE FOND DE TROU EXPANSIBLE**  
[72] METCALFE, PAUL DAVID, GB  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2000-05-01  
[86] 1998-11-02 (PCT/GB98/03261)  
[87] 1999-05-14 (WO99/23354)  
[30] GB (9723031.2) 1997-11-01

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| <p style="text-align: right;">[21] <b>2,308,182</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F16B 21/00</b><br/>[25] EN<br/>[54] <b>CANTILEVER FASTENER ASSEMBLY</b><br/>[54] <b>ENSEMBLE DE FIXATION EN PORTE-A-FAUX</b><br/>[72] SISTO, SALVATORE J., US<br/>[72] RUDNICKI, EDWARD, US<br/>[71] PINNACLE INNOVATIONS, INC., US<br/>[85] 2000-05-02<br/>[86] 1998-09-28 (PCT/US98/20318)<br/>[87] 1999-04-08 (WO99/17031)<br/>[30] US (08/939,450) 1997-09-29</p>   | <p style="text-align: right;">[21] <b>2,308,190</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61L 27/00 6C08G 18/42</b><br/>[25] EN<br/>[54] <b>SHAPED BODIES FOR USE AS IMPLANTS IN HUMAN MEDICINE AND METHOD FOR THE PRODUCTION OF SUCH SHAPED BODIES</b><br/>[54] <b>CORPS FORMES CONVENANT COMME IMPLANTS EN MEDECINE HUMAINE ET PROCEDE DE PRODUCTION DE TELS CORPS FORMES</b><br/>[72] FLODIN, PER, SE<br/>[72] GISSELFALT, KATRIN, SE<br/>[71] ARTIMPLANT AB, SE<br/>[85] 2000-05-02<br/>[86] 1998-10-19 (PCT/SE98/01869)<br/>[87] 1999-05-14 (WO99/22780)<br/>[30] SE (9704003-4) 1997-11-03</p> | <p style="text-align: right;">[21] <b>2,308,197</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C25B 9/00</b><br/>[25] EN<br/>[54] <b>ELECTROLYZER</b><br/>[54] <b>ELECTROLYSEUR</b><br/>[72] CLEMENTS, CHARLES W., JR., US<br/>[72] CHILDERS, HAROLD, US<br/>[72] CLEMENTS, CHARLES W., US<br/>[71] EXCELTEC INTERNATIONAL CORPORATION, US<br/>[85] 2000-05-02<br/>[86] 1999-09-02 (PCT/US99/20355)<br/>[87] 2000-03-09 (WO00/12780)<br/>[30] US (60/098,848) 1998-09-02</p>  |
| <p style="text-align: right;">[21] <b>2,308,184</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/66</b><br/>[25] EN<br/>[54] <b>PACKET SWITCHING WITH COMMON TIME REFERENCE</b><br/>[54] <b>COMMUTATION DE PAQUETS AVEC REFERENCE DE TEMPS COMMUNE</b><br/>[72] SHACHAM, NACHUM, US<br/>[72] OFEK, YORAM, US<br/>[71] SYNCHRODYNE INC., US<br/>[85] 2000-05-02<br/>[86] 1999-06-11 (PCT/US99/13310)<br/>[87] 1999-12-16 (WO99/65197)<br/>[30] US (60/088,891) 1998-06-11<br/>[30] US (60/088,914) 1998-06-11<br/>[30] US (60/088,983) 1998-06-11<br/>[30] US (60/088,906) 1998-06-11<br/>[30] US (60/088,893) 1998-06-11<br/>[30] US (60/088,915) 1998-06-11<br/>[30] US (09/120,944) 1998-07-22<br/>[30] US (09/120,529) 1998-07-22<br/>[30] US (09/120,636) 1998-07-22<br/>[30] US (09/120,515) 1998-07-22<br/>[30] US (09/120,672) 1998-07-22<br/>[30] US (09/120,700) 1998-07-22</p> | <p style="text-align: right;">[21] <b>2,308,194</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04L 27/18 6H04L 1/00</b><br/>[25] EN<br/>[54] <b>TIME-VARYING TRELLIS CODED PSK</b><br/>[54] <b>MODULATION PSK A CODE EN TREILLIS VARIANT DANS LE TEMPS</b><br/>[72] RAMESH, RAJARAM, US<br/>[71] ERICSSON INC., US<br/>[85] 2000-05-02<br/>[86] 1998-10-22 (PCT/US98/22470)<br/>[87] 1999-05-14 (WO99/23798)<br/>[30] US (08/963,482) 1997-11-03</p>  | <p style="text-align: right;">[21] <b>2,308,198</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G02F 1/13 6G09F 9/35</b><br/>[25] EN<br/>[54] <b>DISPLAY DEVICE</b><br/>[54] <b>AFFICHEUR</b><br/>[72] ANDERSON, LARS, SE<br/>[71] ANDERSON, LARS, SE<br/>[85] 2000-04-20<br/>[86] 1998-10-21 (PCT/SE98/01906)<br/>[87] 1999-04-29 (WO99/21049)<br/>[30] SE (9703851-7) 1997-10-22</p>   |
| <p style="text-align: right;">[21] <b>2,308,188</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F21S 1/06 6F21V 23/06</b><br/>[25] EN<br/>[54] <b>LIGHTING FIXTURE WITH ARMS</b><br/>[54] <b>LUMINAIRE AVEC DES BRAS</b><br/>[72] VOLTOLINA, FRANCESCO, IT<br/>[71] VOLTOLINA, FRANCESCO, IT<br/>[85] 2000-05-02<br/>[86] 1998-04-21 (PCT/EP98/02396)<br/>[87] 1999-06-03 (WO99/27295)<br/>[30] IT (BS97A000094) 1997-11-21<br/>[30] IT (BS97A000096) 1997-11-27<br/>[30] IT (BS97A000098) 1997-12-02</p>   | <p style="text-align: right;">[21] <b>2,308,195</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C09K 5/00</b><br/>[25] EN<br/>[54] <b>SILICATE FREE ANTIFREEZE COMPOSITION</b><br/>[54] <b>COMPOSITION ANTIGEL EXEMPTÉ DE SILICATE</b><br/>[72] STEPHENS, CARL R., US<br/>[72] DITURO, MICHAEL A., US<br/>[72] TURCOTTE, DAVID E., US<br/>[72] OLSEN, ALDEN W., US<br/>[72] COFFEY, ARNOLD L., JR., US<br/>[71] ASHLAND INC., US<br/>[85] 2000-05-02<br/>[86] 1998-11-05 (PCT/US98/23876)<br/>[87] 1999-05-20 (WO99/24524)<br/>[30] US (60/064,596) 1997-11-06<br/>[30] US (09/135,138) 1998-08-17</p>      | <p style="text-align: right;">[21] <b>2,308,199</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G02B 26/02 6C09K 19/02 6G02F 1/1333</b><br/>[25] EN<br/>[54] <b>FERROELECTRIC LIQUID CRYSTAL DEVICES WITH TWISTED STRUCTURE</b><br/>[54] <b>DISPOSITIFS A CRISTAUX LIQUIDES FERROELECTRIQUES A STRUCTURES TORSADEES</b><br/>[72] LIU, JIAN-YU, US<br/>[72] WU, KUANG-YI, US<br/>[72] WONG, SENG-ICONG, US<br/>[71] CHORUM TECHNOLOGIES, INC., US<br/>[85] 2000-05-02<br/>[86] 1998-11-25 (PCT/US98/25158)<br/>[87] 1999-06-10 (WO99/28778)<br/>[30] US (08/980,447) 1997-11-28</p> |

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| <p style="text-align: right;">[21] <b>2,308,200</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/58</b><br/>[25] EN<br/>[54] <b>METHOD AND APPARATUS FOR LOCATING RESECTION AT THE DISTAL CONDYLAR FEMUR, TIBIA, AND PATELLA</b><br/>[54] <b>PROCEDE ET APPAREIL POUR LOCALISER LA RESECTION DU FEMUR CONDYLIEN DISTAL, DU TIBIA ET DE LA ROTULE</b><br/>[72] KATZ, LAWRENCE, US<br/>[71] KATZ, LAWRENCE, US<br/>[85] 2000-04-20<br/>[86] 1998-10-22 (PCT/US98/22463)<br/>[87] 1999-04-29 (WO99/20192)<br/>[30] US (08/956/015) 1997-10-22<br/>[30] US (09/049,781) 1998-03-27</p>  | <p style="text-align: right;">[21] <b>2,308,203</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04R 1/02 6G01N 21/00 6G01C 3/08</b><br/>[25] EN<br/>[54] <b>METHOD OF DETECTING ATMOSPHERIC WEATHER CONDITIONS</b><br/>[54] <b>PROCEDE DE DETECTION DE CONDITIONS METEOROLOGIQUES</b><br/>[72] REES, FRANK L., US<br/>[71] FLIGHT SAFETY TECHNOLOGIES, INC., US<br/>[85] 2000-04-20<br/>[86] 1998-09-04 (PCT/US98/18589)<br/>[87] 1999-04-29 (WO99/21394)<br/>[30] US (08/955,282) 1997-10-21</p>  | <p style="text-align: right;">[21] <b>2,308,208</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F24F 1/02</b><br/>[25] EN<br/>[54] <b>WINDOW ROOM AIR CONDITIONER</b><br/>[54] <b>CONDITIONNEUR D'AIR POUR FENETRE DE PIECE</b><br/>[72] DA LUZ MORAES, LUCIANO, BR<br/>[72] CARNE CORREA, JUAN CARLOS, BR<br/>[72] DE BARROS, DANIEL<br/>ALESSANDRO OLIVEIRA, BR<br/>[71] CARRIER CORPORATION, US<br/>[85] 2000-05-03<br/>[86] 1998-09-16 (PCT/BR98/00074)<br/>[87] 2000-03-23 (WO00/16013)</p>  |
| <p style="text-align: right;">[21] <b>2,308,201</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/70 6A61K 31/415 6A61K 31/505</b><br/>[25] EN<br/>[54] <b>USE OF ANTIGUNAL AGENTS FOR THE TOPIAL TREATMENT OF FUNGUS-INDUCED MUCOSITIS</b><br/>[54] <b>UTILISATION D'AGENTS ANTIGUNAL POUR LE TRAITEMENT TOPIAL DES CHAMPIGNONSINDUITS DE LA MUQUEUSE</b><br/>[72] PONIKAU, JENS, US<br/>[71] PONIKAU, JENS, US<br/>[85] 2000-04-20<br/>[86] 1998-10-22 (PCT/US98/22403)<br/>[87] 1999-04-29 (WO99/20261)<br/>[30] US (60/062,709) 1997-10-22<br/>[30] US (60/063,414) 1997-10-28<br/>[30] US (60/063,418) 1997-10-28<br/>[30] US (60/083,272) 1998-04-28<br/>[30] US (60/086,397) 1998-05-22</p> | <p style="text-align: right;">[21] <b>2,308,204</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H01F 1/04 6C21D 8/12</b><br/>[25] EN<br/>[54] <b>PRODUCTION METHOD FOR SEMIRIGID MAGNETIC MATERIAL AND SEMIRIGID MATERIAL AND MAGNETIC MARKER USING IT</b><br/>[54] <b>PROCEDE DE PRODUCTION D'UN MATERIAU SEMI-RIGIDE, ET MATERIAU SEMI-RIGIDE ET MARQUEUR MAGNETIQUE UTILISANT CE MATERIAU</b><br/>[72] YAMADA, HIDEYA, JP<br/>[72] NAKAOKA, NORIYUKI, JP<br/>[72] KAWAKAMI, AKIRA, JP<br/>[71] HITACHI METALS, LTD., JP<br/>[85] 2000-05-01<br/>[86] 1999-09-10 (PCT/JP99/04926)<br/>[87] 2000-03-23 (WO00/16346)<br/>[30] JP (10/257180) 1998-09-10</p> | <p style="text-align: right;">[21] <b>2,308,209</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H03L 7/08 6H03L 7/085 6H03L 7/089 6H03L 7/18 6H03M 1/66</b><br/>[25] EN<br/>[54] <b>ADAPTIVE FREQUENCY-HOPPING OSCILLATORS</b><br/>[54] <b>OSCILLATEURS ADAPTATIFS A SAUTS DE FREQUENCE</b><br/>[72] LAUTZENHISER, LLOYD LYNN, CA<br/>[71] LAUTZENHISER, LLOYD LYNN, CA<br/>[85] 2000-04-20<br/>[86] 1998-10-16 (PCT/US98/21942)<br/>[87] 1999-04-29 (WO99/21281)<br/>[30] US (60/062,982) 1997-10-21<br/>[30] US (60/069,077) 1997-12-09<br/>[30] US (09/174,397) 1998-10-14</p> |
| <p style="text-align: right;">[21] <b>2,308,202</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A62B 1/12 6A62B 1/10</b><br/>[25] EN<br/>[54] <b>BRAKING DEVICE</b><br/>[54] <b>DISPOSITIF DE FREINAGE</b><br/>[72] HERSTIK, ARIE, IL<br/>[71] HERSTIK, ARIE, IL<br/>[85] 2000-04-20<br/>[86] 1998-11-05 (PCT/IL98/00539)<br/>[87] 1999-05-20 (WO99/24118)<br/>[30] IL (122165) 1997-11-11</p>   | <p style="text-align: right;">[21] <b>2,308,207</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04J 13/00</b><br/>[25] EN<br/>[54] <b>SYNCHRONIZING DEVICE AND SYNCHRONIZING METHOD</b><br/>[54] <b>PROCEDE ET DISPOSITIF DE SYNCHRONISATION</b><br/>[72] TAKAHASHI, HIDEYUKI, JP<br/>[72] KATO, OSAMU, JP<br/>[72] KAYAMA, HIDENORI, JP<br/>[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP<br/>[85] 2000-04-20<br/>[86] 1999-08-25 (PCT/JP99/04572)<br/>[87] 2000-03-09 (WO00/13358)<br/>[30] JP (10/259483) 1998-08-28</p>  | <p style="text-align: right;">[21] <b>2,308,210</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H02K 21/12 6H02K 7/18</b><br/>[25] EN<br/>[54] <b>PERMANENT MAGNET GENERATOR</b><br/>[54] <b>GENERATEUR A AIMANT PERMANENT</b><br/>[72] FUKADA, MITSUHIRO, JP<br/>[71] FUKADA, MITSUHIRO, JP<br/>[85] 2000-05-01<br/>[86] 1998-10-27 (PCT/JP98/04865)<br/>[87] 1999-05-14 (WO99/23743)<br/>[30] JP (9/315920) 1997-10-31</p>  |

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[21] **2,308,211**  
[13] A1

[51] **Int.Cl. 6H04L 5/12 6H04L 23/02**  
[25] EN  
[54] **COMPOSITE TRELLIS SYSTEM AND METHOD**  
[54] **PROCEDE ET SYSTEME DE TREILLIS COMPOSITE**  
[72] HUFF, RONALD J., US  
[71] COMTIER, US  
[85] 2000-04-20  
[86] 1998-10-29 (PCT/US98/23124)  
[87] 1999-05-14 (WO99/23779)  
[30] US (08/961324) 1997-10-30

[21] **2,308,212**  
[13] A1

[51] **Int.Cl. 6G01N 27/22 6G01K 7/34**  
[25] EN  
[54] **NONCONTACT ARTICLE TEMPERATURE MEASURING DEVICE FOR FOOD**  
[54] **DISPOSITIF MESURANT LA TEMPERATURE D'UN ARTICLE ALIMENTAIRE SANS CONTACT**  
[72] MAEDA, TOMOKO, JP  
[72] HAGURA, YOSHIO, JP  
[72] KATO, EIJI, JP  
[72] NARUMIYA, TADAOKI, JP  
[71] MAYEKAWA MFG. CO., LTD., JP  
[85] 2000-05-01  
[86] 1999-09-02 (PCT/JP99/04749)  
[87] 2000-03-16 (WO00/14522)  
[30] JP (10/247875) 1998-09-02

[21] **2,308,213**  
[13] A1

[51] **Int.Cl. 6G06K 9/00 6G06F 3/00 6G06K 9/46**  
[25] EN  
[54] **VOICE-OUTPUT READING SYSTEM WITH GESTURE-BASED NAVIGATION**  
[54] **SYSTEME DE LECTURE A SORTIE VOCALE AVEC NAVIGATION GESTUELLE**  
[72] GOLDBERG, DAVID A., US  
[72] SEARS, JAMES T., US  
[71] ASCENT TECHNOLOGY, INC., US  
[85] 2000-04-20  
[86] 1998-10-22 (PCT/US98/22392)  
[87] 1999-04-29 (WO99/21122)  
[30] US (60/063,135) 1997-10-22  
[30] US (60/068,713) 1997-12-29

[21] **2,308,215**  
[13] A1

[51] **Int.Cl. 6H04L 12/66**  
[25] EN  
[54] **COMMON TIME REFERENCE FOR PACKET SWITCHES**  
[54] **REFERENCE DE TEMPS COMMUNE POUR COMMUTATION DE PAQUETS DE DONNEES**  
[72] OFEK, YORAM, US  
[72] SHACHAM, NACHUM, US  
[71] SYNCHRODYNE INC., US  
[85] 2000-05-02  
[86] 1999-06-11 (PCT/US99/13311)  
[87] 1999-12-16 (WO99/65198)  
[30] US (60/088,891) 1998-06-11  
[30] US (60/088,893) 1998-06-11  
[30] US (60/088,906) 1998-06-11  
[30] US (60/088,914) 1998-06-11  
[30] US (60/088,915) 1998-06-11  
[30] US (60/088,983) 1998-06-11  
[30] US (09/120,515) 1998-07-22  
[30] US (09/120,529) 1998-07-22  
[30] US (09/120,636) 1998-07-22  
[30] US (09/120,672) 1998-07-22  
[30] US (09/120,700) 1998-07-22  
[30] US (09/120,944) 1998-07-22

[21] **2,308,216**  
[13] A1

[51] **Int.Cl. 6A61K 31/395**  
[25] EN  
[54] **USE OF NON-IMMUNOSUPPRESSIVE COMPOUNDS FOR PROMOTING NERVE REGENERATION**  
[54] **UTILISATION DE COMPOSES NON-IMMUNOSUPPRESSIFS FAVORISANT LA REGENERATION DU TISSU NERVEUX**  
[72] GOLD, BRUCE GORDON, US  
[71] OREGON HEALTH SCIENCES UNIVERSITY, US  
[85] 2000-04-20  
[86] 1998-10-02 (PCT/US98/20658)  
[87] 1999-05-06 (WO99/21552)  
[30] US (08/956,691) 1997-10-24

[21] **2,308,217**  
[13] A1

[51] **Int.Cl. 6A61M 5/20**  
[25] EN  
[54] **AN IMPROVED AUTOMATIC SYRINGE**  
[54] **SERINGUE AUTOMATIQUE AMELIOREE**  
[72] GROSS, JOSEPH, IL  
[72] TSALS, IZRAIL, US  
[72] LAVI, GILAD, IL  
[71] ELAN CORPORATION, PLC, IE  
[85] 2000-04-20  
[86] 1998-10-20 (PCT/IE98/00084)  
[87] 1999-05-14 (WO99/22790)  
[30] US (08/956,237) 1997-10-22  
[30] IE (970782) 1997-11-05

[21] **2,308,218**  
[13] A1

[51] **Int.Cl. 6G06F 17/60 6G06F 1/00**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR MATCHING, SELECTING, NARROWCASTING, AND/OR CLASSIFYING BASED ON RIGHTS MANAGEMENT AND/OR OTHER INFORMATION**  
[54] **SYSTEMES ET PROCEDES DE COMPARAISON, DE SELECTION, DE DISTRIBUTION RESTREINTE, ET/OU DE CLASSIFICATION SELON DES DONNEES RELATIVES A UNE GESTION DES DROITS ET/OU D'AUTRES DONNEES**  
[72] WEBER, ROBERT P., US  
[72] VAN WIE, DAVID M., US  
[72] SHEAR, VICTOR H., US  
[71] INTERTRUST TECHNOLOGIES CORP., US  
[85] 2000-05-01  
[86] 1998-11-06 (PCT/US98/23648)  
[87] 1999-05-20 (WO99/24928)  
[30] US (08/965,185) 1997-11-06

[21] **2,308,219**  
[13] A1

[51] **Int.Cl. 6H04L 12/44**  
[25] EN  
[54] **STREAM-LINE DATA NETWORK**  
[54] **RESEAU DE DONNEES RATIONALISE**  
[72] MCKEOWN, NICHOLAS W., US  
[71] ABRIZIO, INC., US  
[85] 2000-04-20  
[86] 1998-10-27 (PCT/US98/22744)  
[87] 1999-05-06 (WO99/22496)  
[30] US (60/063,562) 1997-10-28



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[21] **2,308,220**  
[13] A1

[51] **Int.Cl. 6H04N 7/26 6H04N 7/52 6H04N 7/64**  
[25] EN  
[54] **APPARATUS AND METHOD FOR PARTIAL BUFFERING TRANSMITTED DATA TO PROVIDE ROBUST ERROR RECOVERY IN A LOSSY TRANSMISSION ENVIRONMENT**  
[54] **APPAREIL ET PROCEDURE PERMETTANT UN TAMPONNAGE PARTIEL DES DONNEES TRANSMISES AFIN D'ASSURER UN RECOUVREMENT D'ERREURS ROBUSTE DANS UN ENVIRONNEMENT DE TRANSMISSION A PERTES**  
[72] KONDO, TETSUJIRO, US  
[72] CARRIG, JAMES J., US  
[72] GHOSAL, SUGATA, US  
[72] FUJIMORI, YASUHIRO, US  
[71] SONY ELECTRONICS, INC., US  
[85] 2000-04-20  
[86] 1998-10-23 (PCT/US98/22412)  
[87] 1999-04-29 (WO99/21368)  
[30] US (08/957,555) 1997-10-23  
[30] US (08/956,632) 1997-10-23  
[30] US (08/956,870) 1997-10-23  
[30] US (09/002,553) 1998-01-02  
[30] US (09/002,547) 1998-01-02  
[30] US (09/002,470) 1998-01-02  
[30] US (09/016,083) 1998-01-30  
[30] US (09/111,112) 1998-07-06

[21] **2,308,221**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR SOFTWARE EVALUATION AND PERFORMANCE MEASUREMENT**  
[54] **SYSTEMES ET PROCEDES SERVANT A EVALUER DES LOGICIELS ET A MESURER DES PERFORMANCES**  
[72] REYNOLDS, PAUL, US  
[72] HOPE, JOHN, US  
[72] MCCREADY, SCOTT C., US  
[72] MURRAY, GERRY J., US  
[71] AVANTSOFT CORPORATION, US  
[85] 2000-04-20  
[86] 1998-10-23 (PCT/US98/22385)  
[87] 1999-05-06 (WO99/22323)  
[30] US (60/063,255) 1997-10-24

[21] **2,308,222**  
[13] A1

[51] **Int.Cl. 6C10M 141/10 6C10M 117/02 6C10M 117/04 6C10M 169/06 6C10M 137/10 6C10M 135/18 6C10M 119/24 6C10M 129/58**  
[25] EN  
[54] **LUBRICATING COMPOSITION COMPRISING A FRICTION REDUCING ADDITIVE PACKAGE AND GREASES**  
[54] **COMPOSITION POUR LUBRIFIANTS COMPRENANT DES PARTIIFS REDUISANT LE FROTTEMENT ET DES GRAISSES**  
[72] FLETCHER, ROBERT ANTHONY, GB  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2000-04-20  
[86] 1998-10-21 (PCT/EP98/07018)  
[87] 1999-04-29 (WO99/20719)  
[30] EP (97308380.1) 1997-10-22

[21] **2,308,223**  
[13] A1

[51] **Int.Cl. 6H04N 7/26 6H04N 7/64**  
[25] EN  
[54] **APPARATUS AND METHOD FOR MAPPING AND IMAGE TO BLOCKS TO PROVIDE FOR ROBUST ERROR RECOVERY IN A LOSSY TRANSMISSION ENVIRONMENT**  
[54] **APPAREIL ET PROCEDURE DE MISE EN CORRESPONDANCE ET D'IMAGES-A-BLOCS EN VUE D'UNE CORRECTION D'ERREURS RENDUE COHERENTE EN ENVIRONNEMENT DE TRANSMISSION INCERTAIN**  
[72] FUJIMORI, YASUHIRO, US  
[72] GHOSAL, SUGATA, US  
[72] KONDO, TETSUJIRO, US  
[72] CARRIG, JAMES J., US  
[71] SONY ELECTRONICS, INC., US  
[85] 2000-04-20  
[86] 1998-10-23 (PCT/US98/22439)  
[87] 1999-04-29 (WO99/21369)  
[30] US (08/956,632) 1997-10-23  
[30] US (08/956,870) 1997-10-23  
[30] US (08/957,555) 1997-10-23  
[30] US (09/002,470) 1998-01-02  
[30] US (09/002,547) 1998-01-02  
[30] US (09/002,553) 1998-01-02  
[30] US (09/016,083) 1998-01-30  
[30] US (09/111,362) 1998-07-06

[21] **2,308,224**  
[13] A1

[51] **Int.Cl. 6B01D 50/00**  
[25] EN  
[54] **A SCRUBBER FOR THE TREATMENT OF FLUE GASES**  
[54] **LAVEUR PERMETTANT DE TRAITER LES GAZ D'ECHAPPEMENT**  
[72] MIZRAHI, JOSEPH, IL  
[71] CLUE AS, NO  
[85] 2000-04-20  
[86] 1998-10-19 (PCT/IL98/00510)  
[87] 1999-04-29 (WO99/20371)  
[30] IL (122015) 1997-10-22

[21] **2,308,225**  
[13] A1

[51] **Int.Cl. 6C09D 163/00 6B05D 7/14 6B05D 7/24**  
[25] EN  
[54] **COATING COMPOSITION AND METHOD FOR APPLYING THE SAME**  
[54] **COMPOSITION DE REVETEMENT ET SON PROCEDURE D'APPLICATION**  
[72] IKUSHIMA, SATOSHI, JP  
[72] AIDA, HARUHIKO, JP  
[72] OKUMURA, YASUMASA, JP  
[72] SUGIURA, KAZUTOSHI, JP  
[72] SUGAI, HIDEO, JP  
[72] WADA, SEIJI, JP  
[72] KOBATA, MASAMI, JP  
[72] HORIBE, KYOICHI, JP  
[71] KANSAI PAINT CO., LTD., JP  
[85] 2000-04-20  
[86] 1998-10-20 (PCT/JP98/04717)  
[87] 1999-04-29 (WO99/20703)  
[30] JP (9/305048) 1997-10-21  
[30] JP (10/171563) 1998-06-18

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[13] A1  
[51] **Int.Cl. 6A61K 9/16 6A61K 9/00 6A61K 9/51**  
[25] EN  
[54] **MEDICAMENT EXCIPIENT PARTICLES FOR TISSUE-SPECIFIC APPLICATION OF A MEDICAMENT**  
[54] **PARTICULES D'EXCIPIENT DE MEDICAMENT CONVENANT A L'APPLICATION D'UN MEDICAMENT PROPRE AUX TISSUS**  
[72] KREUTER, JORG, DE  
[72] LUCK, MARTIN, DE  
[72] MULLER, RAINER, DE  
[71] DDS DRUG DELIVERY SERVICE GESELLSCHAFT ZUR FORDERUNG DER FORSCHUNG IN PH, DE  
[85] 2000-04-17  
[86] 1998-10-13 (PCT/EP98/06429)  
[87] 1999-04-29 (WO99/20256)  
[30] DE (197 45 950.1) 1997-10-17

[21] **2,308,238**  
[13] A1  
[51] **Int.Cl. 6A45D 1/04 6A45D 7/02**  
[25] EN  
[54] **HAIR SHAPING DEVICE AND HAIR SHAPING METHOD**  
[54] **DISPOSITIF ET TECHNIQUE DE MISE EN PLIS**  
[72] RUPPERT, PETER, DE  
[72] KERN, HEINZ, DE  
[72] SCHAEFER, NORBERT, DE  
[72] JANOUCHE, PETER, DE  
[71] BRAUN GMBH, DE  
[85] 2000-04-17  
[86] 1998-09-24 (PCT/EP98/06092)  
[87] 1999-05-14 (WO99/22622)  
[30] DE (197 48 067.5) 1997-10-31

[21] **2,308,239**  
[13] A1  
[51] **Int.Cl. 6F24D 17/00 6B05B 1/18 6B05B 1/30**  
[25] EN  
[54] **WATER OUTLETS FOR AN ABLUTIONARY DEVICE OR APPLIANCE**  
[54] **PRISES D'EAU POUR DISPOSITIF OU EQUIPEMENT DE LAVABO**  
[72] JONES, DAVID TIMOTHY LLOYD, GB  
[71] JONES, DAVID TIMOTHY LLOYD, GB  
[85] 2000-04-17  
[86] 1998-10-16 (PCT/GB98/03108)  
[87] 1999-04-29 (WO99/20944)  
[30] GB (9721982.8) 1997-10-18

[21] **2,308,245**  
[13] A1  
[51] **Int.Cl. 6F26B 21/02**  
[25] EN  
[54] **A DRYING DEVICE**  
[54] **DISPOSITIF DE SECHAGE**  
[72] PLESTENJAK, JOZE, SI  
[71] PLESTENJAK, JOZE, SI  
[85] 2000-04-17  
[86] 1998-03-30 (PCT/SI98/00008)  
[87] 1999-05-14 (WO99/23430)  
[30] SI (P-9700284) 1997-11-04  
[30] SI (P-9800094) 1998-03-27

[21] **2,308,248**  
[13] A1  
[51] **Int.Cl. 6G01N 21/64 6G01N 21/77**  
[25] EN  
[54] **PROCESS AND DEVICE FOR CARRYING OUT FLUORESCENCE IMMUNOASSAYS**  
[54] **METHODE ET DISPOSITIF DE DOSAGE IMMUNOLOGIQUE FLUOROMETRIQUE**  
[72] GRAWE, FRANK, DE  
[72] KEY, GORAN, DE  
[72] KUNZ, ULRICH, DE  
[72] KATERKAMP, ANDREAS, DE  
[71] INSTITUT FUR CHEMO- UND BIOSENSORIK MUNSTER E.V., DE  
[85] 2000-04-17  
[86] 1998-10-27 (PCT/DE98/03154)  
[87] 1999-05-06 (WO99/22222)  
[30] DE (197 47 572.8) 1997-10-28

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[13] A1  
[51] **Int.Cl. 6A01N 1/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CRYOPRESERVATION**  
[54] **PROCEDE ET APPAREIL DE CRYOCONSERVATION**  
[72] MORRIS, GEORGE JOHN, GB  
[72] ACTON, ELIZABETH, GB  
[71] MORRIS, GEORGE JOHN, GB  
[71] ACTON, ELIZABETH, GB  
[85] 2000-04-17  
[86] 1998-10-22 (PCT/GB98/03160)  
[87] 1999-04-29 (WO99/20104)  
[30] GB (9722156.8) 1997-10-22

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[13] A1  
[51] **Int.Cl. 6C08K 5/3435 6B44F 1/04 6C08L 27/06 6C09B 57/14**  
[25] EN  
[54] **STABILIZATION OF FLUORESCENT DYES IN VINYL ARTICLES USING HINDERED AMINE LIGHT STABILIZERS**  
[54] **STABILISATION DE COLORANTS FLUORESCENTS DANS DES ARTICLES EN VINYLE A L'AIDE DE PHOTOSTABILISANTS A AMINES INHIBEES**  
[72] WHITE, KENNETH M., US  
[72] PAVELKA, LEE A., US  
[72] LIGHTLE, VERA L., US  
[72] CODERRE, JAMES C., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-04-17  
[86] 1998-02-24 (PCT/US98/03577)  
[87] 1999-04-29 (WO99/20688)  
[30] US (08/956,332) 1997-10-23

[21] **2,308,269**  
[13] A1  
[51] **Int.Cl. 6A61K 31/40**  
[25] EN  
[54] **METHOD FOR THE TREATMENT OF DISORDERS ASSOCIATED WITH APOPTOSIS USING N-HETEROCYCLIC GLYOXYLAMIDE COMPOUNDS**  
[54] **METHODE DE TRAITEMENT DES TROUBLES LIES A L'APOPTOSE AU MOYEN DE COMPOSES DE GLYOXYLAMIDE N-HETEROCYCLIQUES**  
[72] TAKASU, NOBUO, JP  
[72] YAGAMI, TATSUROU, JP  
[71] SHIONOGI & CO., LTD., JP  
[85] 2000-04-26  
[86] 1998-11-10 (PCT/JP98/05042)  
[87] 1999-05-20 (WO99/24026)  
[30] JP (PCT/JP97/04104) 1997-11-12

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[21] **2,308,270**  
[13] A1  
[51] **Int.Cl. 6E06B 9/00**  
[25] EN  
[54] **PROTECTIVE DEVICE FOR OPENINGS IN BUILDINGS**  
[54] **DISPOSITIF DE PROTECTION POUR OUVERTURES DE BATIMENTS**  
[72] LOEWE, MARINA, DE  
[71] LOEWE, MARINA, DE  
[85] 2000-04-26  
[86] 1998-09-05 (PCT/DE98/02670)  
[87] 1999-05-06 (WO99/22109)  
[30] DE (197 47 486.1) 1997-10-28

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[21] **2,308,271**  
[13] A1  
[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **OPEN-ARCHITECTURE SYSTEM FOR REAL-TIME CONSOLIDATION OF INFORMATIN FROM MULTIPLE FINANCIAL SYSTEMS**  
[54] **SYSTEME A ARCHITECTURE OUVERTE POUR LA CONSOLIDATION TEMPS REEL D'INFORMATIONS PROVENANT DE SYSTEMES FINANCIERS MULTIPLES**  
[72] NORTHINGTON, CATHY C., US  
[72] GOODSON, LOUIS J., US  
[71] BANKAMERICA CORPORATION, US  
[85] 2000-04-26  
[86] 1998-10-22 (PCT/US98/22461)  
[87] 1999-05-06 (WO99/22326)  
[30] US (60/063,633) 1997-10-27  
[30] US (09/166,069) 1998-10-05

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[21] **2,308,273**  
[13] A1  
[51] **Int.Cl. 6H02J 7/14**  
[25] EN  
[54] **METHOD AND CIRCUIT FOR CONTROLLING CHARGING IN A DUAL BATTERY ELECTRICAL SYSTEM**  
[54] **PROCEDE ET CIRCUIT DE COMMANDE DE CHARGE D'UN SYSTEME ELECTRIQUE A DEUX BATTERIES**  
[72] WATTS, DAN L., US  
[72] DOUGHERTY, THOMAS J., US  
[72] IVERSON, MICHAEL E., US  
[72] SEGALL, WILLIAM P., US  
[71] JOHNSON CONTROLS TECHNOLOGY COMPANY, US  
[85] 2000-04-26  
[86] 1998-10-27 (PCT/US98/22789)  
[87] 1999-05-06 (WO99/22434)  
[30] US (60/063,516) 1997-10-27

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[21] **2,308,274**  
[13] A1  
[51] **Int.Cl. 6A61K 31/13 6A61K 31/155 6G01N 33/569**  
[25] EN  
[54] **METHODS FOR MODULATING MACROPHAGE PROLIFERATION USING POLYAMINE ANALOGS**  
[54] **PROCEDES POUR MODULER LA PROLIFERATION DES MACROPHAGES AU MOYEN D'ANALOGUES DE POLYAMINE**  
[72] MCGRATH, MICHAEL S., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2000-04-26  
[86] 1998-10-27 (PCT/US98/22747)  
[87] 1999-05-06 (WO99/21542)  
[30] US (60/063,317) 1997-10-27  
[30] US (60/063,318) 1997-10-27  
[30] US (09/179,383) 1998-10-26

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[21] **2,308,275**  
[13] A1  
[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **METHOD AND SYSTEM OF ALTERNATIVE HEALTHCARE PROVIDER BILLING**  
[54] **PROCEDE ET SYSTEME PERMETTANT LE CODAGE ET LE TRAITEMENT DE FACTURATIONS RELATIVES A DES PRESTATIONS DE SERVICES DE MEDECINE PARALLELE**  
[72] GIANNINI, JO MELINNA, US  
[71] GIANNINI, JO MELINNA, US  
[85] 2000-04-26  
[86] 1997-10-30 (PCT/US97/19419)  
[87] 1999-05-14 (WO99/23589)

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[21] **2,308,277**  
[13] A1  
[51] **Int.Cl. 6C07C 321/12 6C07K 14/805**  
[25] EN  
[54] **HEMOGLOBIN WITH CHEMICALLY INTRODUCED DISULFIDE CROSS-LINKS AND PREPARATION THEREOF**  
[54] **HEMOGLOBINE RETICULEE CHIMIQUEMENT AVEC DES LIAISONS DISULFURES ET SA PREPARATION**  
[72] LI, XIANFENG, US  
[72] KLUGER, RONALD H., CA  
[71] UNIVERSITY OF TORONTO INNOVATIONS FOUNDATION (THE), CA  
[85] 2000-04-26  
[86] 1998-11-03 (PCT/CA98/01020)  
[87] 1999-05-14 (WO99/23065)  
[30] US (60/064,122) 1997-11-03

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[21] **2,308,278**  
[13] A1  
[51] **Int.Cl. 6A61B 17/39**  
[25] EN  
[54] **RING ELECTRODE STRUCTURE FOR DIAGNOSTIC AND ABLATION CATHETERS**  
[54] **STRUCTURE D'ELECTRODE ANNULAIRE POUR CATHETERS D'ABLATION ET DE DIAGNOSTIC**  
[72] STEVENS-WRIGHT, DEBBIE, US  
[72] KARAKOZIAN, SARKIS, US  
[72] GIBSON, CHARLES, US  
[72] PATTERSON, DONALD, US  
[72] FALWELL, GARY S., US  
[72] COLLINS, RUSSELL, US  
[72] COLLINS, DENYSE, US  
[72] HAISSAGUERRE, MICHEL, FR  
[71] C.R. BARD, INC., US  
[85] 2000-04-26  
[86] 1998-10-30 (PCT/US98/23520)  
[87] 1999-05-14 (WO99/22659)  
[30] US (60/063.823) 1997-10-31

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[21] **2,308,281**  
[13] A1  
[51] **Int.Cl. 6A61K 31/54 6C07D 279/20**  
[25] EN  
[54] **3-CARBOALKOXY-2,3-DIHYDRO-1H-PHENOTHIAZIN-4-10H]-ONE DERIVATIVES**  
[54] **DERIVES DE 3-CARBOYLKOXY-2,3-DIHYDRO-1H-PHENOTHIAZIN-4-10H]-ONE**  
[72] SCOTT, KENNETH R., US  
[72] NICHOLSON, JESSE M., US  
[72] ROBERTS, RALPH R., US  
[72] LAWS, MIA L., US  
[71] HOWARD UNIVERSITY, US  
[85] 2000-04-26  
[86] 1998-10-27 (PCT/US98/22693)  
[87] 1999-05-06 (WO99/21560)  
[30] US (09/958,320) 1997-10-27

[21] **2,308,283**  
[13] A1  
[51] **Int.Cl. 6C08J 5/18 6C08K 11/00 6C08L 101/00 6D06M 15/00 6B32B 27/20**  
[25] EN  
[54] **MICROPOROUS FILM CONTAINING WATER SWELLABLE FILLERS**  
[54] **FILM MICROPOREUX CONTENANT DES CHARGES AYANT LA PROPRIETE DE GONFLER DANS L'EAU**  
[72] BLANEY, CAROL A., US  
[72] STRACK, DAVID CRAIG, US  
[72] MCCORMACK, ANN LOUISE, US  
[72] CARTWRIGHT, WILLIAM F., US  
[72] SCHULTZ, JAY SHELDON, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2000-04-26  
[86] 1998-10-22 (PCT/US98/22389)  
[87] 1999-05-14 (WO99/23140)  
[30] US (08/962,611) 1997-10-31

[21] **2,308,287**  
[13] A1  
[51] **Int.Cl. 6F16C 11/06**  
[25] EN  
[54] **ELASTOMERIC BEARING AND ASSEMBLY METHOD THEREFOR**  
[54] **PALIER EN ELASTOMERE ET PROCEDE D'ASSEMBLAGE DE CELUI-CI**  
[72] REDINGER, W. SCOTT, US  
[71] LORD CORPORATION, US  
[85] 2000-04-26  
[86] 1998-10-27 (PCT/US98/22773)  
[87] 1999-05-06 (WO99/22153)  
[30] US (08/957,945) 1997-10-27

[21] **2,308,288**  
[13] A1  
[51] **Int.Cl. 6C07C 201/08 6C07B 43/02 6C07C 205/06 6C07C 205/12 6C07C 209/76**  
[25] EN  
[54] **METHOD FOR PRODUCING AROMATIC NITRO COMPOUNDS**  
[54] **PROCEDE DE PRODUCTION DE COMPOSES NITRES AROMATIQUES**  
[72] KACZOROWSKI, MANFRED, DE  
[72] RAATZ, HANS-JOACHIM, DE  
[72] DUHR, JOHANNES, DE  
[72] KONIG, BERND-MICHAEL, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-04-28  
[86] 1998-10-21 (PCT/EP98/06688)  
[87] 1999-05-14 (WO99/23061)  
[30] DE (197 48 360.7) 1997-11-03  
[30] DE (198 08 748.9) 1998-03-02

[21] **2,308,289**  
[13] A1  
[51] **Int.Cl. 7G04G 9/00**  
[25] EN  
[54] **TIME OUTPUT APPARATUS AND TIME CORRECTION METHOD**  
[54] **DISPOSITIF SERVANT A INDIQUER L'HEURE ET PROCEDE DE CORRECTION CORRESPONDANT**  
[72] KAWAI, EIJI, JP  
[71] SONY COMPUTER ENTERTAINMENT INC., JP  
[85] 2000-04-28  
[86] 1999-08-24 (PCT/JP99/04548)  
[87] 2000-03-09 (WO00/13068)  
[30] JP (10/245929) 1998-08-31

[21] **2,308,290**  
[13] A1  
[51] **Int.Cl. 6A61B 17/36**  
[25] EN  
[54] **LASER-ASSISTED LIPOSUCTION METHOD AND APPARATUS**  
[54] **PROCEDE ET APPAREIL DE LIPOSUCCION ASSISTE PAR LASER**  
[72] MASSENGILL, R. KEMP, US  
[71] SONIQUE SURGICAL SYSTEMS, INC., US  
[85] 2000-04-28  
[86] 1998-10-29 (PCT/US98/22977)  
[87] 1999-05-14 (WO99/22656)  
[30] US (60/064,425) 1997-10-30

[21] **2,308,291**  
[13] A1  
[51] **Int.Cl. 6A61K 47/36 6A61K 9/16 6A61K 9/20 6A61K 9/28**  
[25] EN  
[54] **CONTROLLED RELEASE COMPOSITIONS COMPRISING GELLAN GUM GELS**  
[54] **COMPOSITION A LIBERATION LENTE COMPRENANT DES GELS A GOMME GELLANE**  
[72] NIVAGGIOLI, THIERRY, US  
[71] MONSANTO COMPANY, US  
[85] 2000-04-28  
[86] 1998-10-30 (PCT/US98/23093)  
[87] 1999-05-14 (WO99/22768)  
[30] US (60/063,822) 1997-10-31

[21] **2,308,293**  
[13] A1  
[51] **Int.Cl. 6A61F 6/06**  
[25] EN  
[54] **DEVICE FOR SIMULTANEOUSLY DELINGERING BENEFICIAL AGENTS AND METHOD**  
[54] **DISPOSITIF ET PROCEDE D'APPORT SIMULTANE D'AGENTS BENEFIQUES AUX COTES DES LUMIERES CERVICALE ET VAGINALE D'UN VAGIN**  
[72] CONE, RICHARD A., US  
[72] WHALEY, KEVIN J., US  
[72] MOENCH, THOMAS R., US  
[71] REPROTECT, LLC, US  
[71] THE JOHNS HOPKINS UNIVERSITY, US  
[85] 2000-04-28  
[86] 1998-11-06 (PCT/US98/23868)  
[87] 1999-05-20 (WO99/24085)  
[30] US (60/064,903) 1997-11-07

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[21] **2,308,294**  
[13] A1  
[51] **Int.Cl. 6A23L 1/035 6A23P 1/04  
6A23L 1/09 6A21D 2/16 6A21D 2/18  
6A23L 1/22**  
[25] EN  
[54] **DELIVERY SYSTEM BASED ON A  
DISPERSION OF AN EMULSIFIER IN  
AN AQUEOUS SOLUTION OF SUGAR**  
[54] **SYSTEME DE DISTRIBUTION A  
BASE DE DISPERSION  
D'EMULSIFIANT DANS UNE  
SOLUTION AQUEUSE DE SUCRE**  
[72] DOUCET, JIM, US  
[71] DANISCO A/S, DK  
[85] 2000-04-28  
[86] 1998-11-12 (PCT/IB98/01882)  
[87] 1999-05-27 (WO99/25207)  
[30] US (08/970475) 1997-11-14  
[30] US (09/157,081) 1998-09-18

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[21] **2,308,295**  
[13] A1  
[51] **Int.Cl. 6C11D 3/37 6C11D 3/20  
6C11D 3/22**  
[25] EN  
[54] **LIQUID ACIDIC LIMESCALE  
REMOVAL COMPOSITIONS  
PACKAGED IN A SPRAY-TYPE  
DISPENSER**  
[54] **COMPOSITIONS ACIDES  
LIQUIDES SERVANT A ELIMINER DES  
DEPOTS DE CALCAIRE,  
CONDITIONNEES DANS UN  
DISTRIBUTEUR DE TYPE  
PULVERISATEUR**  
[72] DELUCCA, BARBARA, IT  
[72] PACE, LUIGI, IT  
[71] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 2000-04-28  
[86] 1998-11-02 (PCT/US98/23377)  
[87] 1999-05-14 (WO99/23194)  
[30] EP (97870174.6) 1997-10-31

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[21] **2,308,296**  
[13] A1  
[51] **Int.Cl. 6A23L 1/226 6A23L 1/217**  
[25] EN  
[54] **STORAGE STABLE PAR-FRIES  
HAVING REDUCED LEVELS OF  
PYRAZINE**  
[54] **FRITES SEMI-FRITES STABLES  
AU STOCKAGE ET A FAIBLE TENEUR  
EN PYRAZINE**  
[72] SCAVONE, TIMOTHY ALAN, US  
[72] VOLKER, DAVID ALAN, US  
[72] KESTER, JEFFREY JOHN, US  
[72] SEVENANTS, MICHAEL ROBERT,  
US  
[71] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 2000-04-28  
[86] 1998-10-29 (PCT/US98/22973)  
[87] 1999-05-06 (WO99/21436)  
[30] US (08/960,414) 1997-10-29

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[21] **2,308,297**  
[13] A1  
[51] **Int.Cl. 6H01B 1/00 6C08L 61/04  
6C08G 8/16**  
[25] EN  
[54] **CONDUCTING POLYMERS FOR  
COATINGS AND  
ANTIELECTROSTATIC  
APPLICATIONS**  
[54] **POLYMERES CONDUCTEURS  
POUR REVETEMENTS ET  
APPLICATIONS  
ANTIELECTROSTATIQUES**  
[72] LIU, HUAIBING, US  
[72] CLARK, ROBERT L., US  
[72] YANG, SZE CHENG, US  
[71] THE BOARD OF GOVERNORS FOR  
HIGHER EDUCATION, STATE OF  
RHODE ISLAND AND P, US  
[85] 2000-04-28  
[86] 1998-10-29 (PCT/US98/23032)  
[87] 1999-05-06 (WO99/22380)  
[30] US (60/063,766) 1997-10-29

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[21] **2,308,298**  
[13] A1  
[51] **Int.Cl. 6E04H 4/16**  
[25] EN  
[54] **AUTOMATIC SWIMMING POOL  
CLEANERS AND ASSOCIATED  
COMPONENTS AND SYSTEMS**  
[54] **APPAREILS DE NETTOYAGE  
AUTOMATIQUE DE PISCINES ET  
ELEMENTS ET SYSTEMES ASSOCIES**  
[72] GAGNON, ROGER H., US  
[72] DENEWICZ, RAYMOND P., JR., US  
[72] RICE, CHRIS A., US  
[71] ZODIAC POOL CARE, INC., US  
[85] 2000-04-28  
[86] 1998-09-30 (PCT/US98/20399)  
[87] 1999-05-14 (WO99/23331)  
[30] US (08/964,782) 1997-11-05

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[21] **2,308,299**  
[13] A1  
[51] **Int.Cl. 6A61K 39/00 6C12N 15/00  
6C12N 15/12 6C07K 14/705**  
[25] EN  
[54] **CONJUGATE HEAT SHOCK  
PROTEIN-BINDING PEPTIDES**  
[54] **PEPTIDES CONJUGUES SE LIANT  
AUX PROTEINES DU STRESS**  
[72] MOROI, YOICHI, US  
[72] HOUGHTON, ALAN, US  
[72] HOE, MEE H., US  
[72] MAYHEW, MARK, US  
[72] ROTHMAN, JAMES E., US  
[72] OUERFELLI, OUATHEK, US  
[72] HARTL, ULRICH, DE  
[71] SLOAN-KETTERING INSTITUTE  
FOR CANCER RESEARCH, US  
[85] 2000-04-28  
[86] 1998-10-22 (PCT/US98/22335)  
[87] 1999-05-14 (WO99/22761)  
[30] US (08/961,707) 1997-10-31

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[21] **2,308,301**  
[13] A1  
[51] **Int.Cl. 7A63B 21/015**  
[25] EN  
[54] **PORTABLE EXERCISING DEVICE**  
[54] **DISPOSITIF D'EXERCICE  
PORTATIF**  
[72] BOUNTOURAKIS, CHARALABOS  
A., GR  
[71] BOUNTOURAKIS, CHARALABOS  
A., GR  
[85] 2000-04-28  
[86] 1999-09-06 (PCT/GR99/00033)  
[87] 2000-03-16 (WO00/13752)

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| <p style="text-align: right;">[21] <b>2,308,302</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B05D 7/00</b><br/>[25] EN<br/>[54] <b>NANOSTRUCTURES</b><br/>[54] <b>NANOSTRUCTURES</b><br/>[72] MOSSMER, STEFAN, DE<br/>[72] HERZOG, THOMAS, DE<br/>[72] ZIEMANN, PAUL, DE<br/>[72] SPATZ, JOACHIM, DE<br/>[72] MOLLER, MARTIN, DE<br/>[71] UNIVERSITÄT ULM, DE<br/>[85] 2000-04-28<br/>[86] 1998-10-29 (PCT/EP98/06874)<br/>[87] 1999-05-06 (WO99/21652)<br/>[30] DE (197 47 816.6) 1997-10-29<br/>[30] DE (197 47 815.8) 1997-10-29<br/>[30] DE (198 43 411.1) 1998-09-19</p> | <p style="text-align: right;">[21] <b>2,308,305</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/06 6C07K 1/00 6C07K 5/00</b><br/>[25] EN<br/>[54] <b>HYPUSINE REAGENT FOR PEPTIDE SYNTHESIS</b><br/>[54] <b>REACTIF A BASE D'HYPUSINE POUR LA SYNTHÈSE DE PEPTIDES</b><br/>[72] BERGERON, RAYMOND J., JR., US<br/>[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US<br/>[85] 2000-04-28<br/>[86] 1998-08-19 (PCT/US98/17202)<br/>[87] 1999-05-14 (WO99/22757)<br/>[30] US (08/962,300) 1997-10-31</p>   | <p style="text-align: right;">[21] <b>2,308,308</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G02F 1/161</b><br/>[25] EN<br/>[54] <b>ELECTROCHROMIC SYSTEM</b><br/>[54] <b>SYSTEME ELECTROCHROME</b><br/>[72] HEUER, HELMUT-WERNER, DE<br/>[72] BERNETH, HORST, DE<br/>[71] BAYER AKTIENGESELLSCHAFT, DE<br/>[85] 2000-04-28<br/>[86] 1998-10-22 (PCT/EP98/06721)<br/>[87] 1999-05-14 (WO99/23528)<br/>[30] DE (197 48 358.5) 1997-11-03</p>   |
| <p style="text-align: right;">[21] <b>2,308,303</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/60</b><br/>[25] EN<br/>[54] <b>CONDITIONAL PURCHASE OFFER (CPO) MANAGEMENT SYSTEM FOR COLLECTIBLES</b><br/>[54] <b>SYSTEME DE GESTION D'OFFRES D'ACHAT CONDITIONNELLES (CPO) POUR OBJETS DE COLLECTION</b><br/>[72] VAN LUCHENE, ANDREW S., US<br/>[72] WALKER, JAY S., US<br/>[71] PRICELINE.COM INCORPORATED, US<br/>[85] 2000-04-28<br/>[86] 1998-11-04 (PCT/US98/23462)<br/>[87] 1999-05-14 (WO99/23595)<br/>[30] US (08/964,967) 1997-11-05</p>                     | <p style="text-align: right;">[21] <b>2,308,306</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6E21B 43/017 6E21B 7/128</b><br/>[25] EN<br/>[54] <b>IMPROVEMENT IN A SIDE ELEMENT OF A DRILLING TEMPLATE</b><br/>[54] <b>AMELIORATIONS CONCERNANT UN ELEMENT LATÉRAL D'UNE PLAQUE DE BASE PROVISOIRE</b><br/>[72] RANGNES, ATLE, NO<br/>[72] KNOPH, TORE, NO<br/>[72] THORESEN, JON, NO<br/>[72] BACKE, MORTEN, NO<br/>[71] KONGSBERG OFFSHORE A/S, NO<br/>[85] 2000-04-28<br/>[86] 1998-10-30 (PCT/NO98/00323)<br/>[87] 1999-05-14 (WO99/23353)<br/>[30] NO (19975065) 1997-11-03</p>             | <p style="text-align: right;">[21] <b>2,308,309</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B01D 15/08 7G01N 30/82</b><br/>[25] EN<br/>[54] <b>FRACTION COLLECTION SYSTEM AND METHOD</b><br/>[54] <b>SYSTEME ET PROCÉDE DE RECUPERATION DE FRACTIONS</b><br/>[72] VANDEN BOSCH, DONN H., US<br/>[72] SUTTON, JOHN E., US<br/>[71] TRANSGENOMIC, INC., US<br/>[85] 2000-04-28<br/>[86] 1999-08-30 (PCT/US99/19737)<br/>[87] 2000-03-09 (WO00/12191)<br/>[30] US (09/143,456) 1998-08-28</p>   |
| <p style="text-align: right;">[21] <b>2,308,304</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C09D 9/00 6C09D 9/04 6C11D 3/18 6C11D 3/43 6C11D 1/72</b><br/>[25] EN<br/>[54] <b>POLYURETHANE ADHESIVE/ SEALANT REMOVER</b><br/>[54] <b>DISSOLVANT POUR COLLE/ PRODUIT D'ÉTANCHEITE AU POLYURETHANE</b><br/>[72] WIERSMA, JACK G., US<br/>[72] CHRISTIAN, THEODORE G., US<br/>[71] NOUVEAU TECHNOLOGIES, INC., US<br/>[85] 2000-04-28<br/>[86] 1998-10-29 (PCT/US98/23146)<br/>[87] 1999-05-14 (WO99/23180)<br/>[30] US (08/962,108) 1997-10-31</p>                             | <p style="text-align: right;">[21] <b>2,308,307</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6E21B 33/035 6E21B 43/01</b><br/>[25] EN<br/>[54] <b>A DEVICE FOR USE FOR MOUNTING AND ALIGNMENT OF A CHRISTMAS TREE ON A WELLHEAD</b><br/>[54] <b>DISPOSITIF DE MONTAGE ET D'ALIGNEMENT D'UN ARBRE DE NOËL SUR UNE TÊTE DE Puits</b><br/>[72] KNOPH, TORE, NO<br/>[72] AQUILERA, PATRICE, NO<br/>[72] BERTELSEN, KARL-ARNE, NO<br/>[71] KONGSBERG OFFSHORE A/S, NO<br/>[85] 2000-04-28<br/>[86] 1998-10-30 (PCT/NO98/00327)<br/>[87] 1999-05-14 (WO99/23351)<br/>[30] NO (19975064) 1997-11-03</p> | <p style="text-align: right;">[21] <b>2,308,366</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6G01N 27/447</b><br/>[25] EN<br/>[54] <b>MICROFABRICATED CAPILLARY ARRAY ELECTROPHORESIS DEVICE AND METHOD</b><br/>[54] <b>DISPOSITIF D'ELECTROPHORESE MICROFABRIQUE A ARRANGEMENT CAPILLAIRE ET SON PROCÉDE D'UTILISATION</b><br/>[72] WOOLLEY, ADAM T., US<br/>[72] SIMPSON, PETER C., US<br/>[72] MATHIES, RICHARD A., US<br/>[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US<br/>[85] 2000-05-02<br/>[86] 1998-11-06 (PCT/US98/23661)<br/>[87] 1999-05-20 (WO99/24827)<br/>[30] US (08/965,738) 1997-11-07</p> |

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[21] **2,308,369**  
[13] A1

[51] **Int.Cl. 6H01L 29/06**  
[25] EN  
[54] **QUANTUM RIDGES AND TIPS**  
[54] **CRETES ET POINTES**  
**QUANTIQUES**  
[72] KENDALL, DON L., US  
[71] KENDALL, DON L., US  
[85] 2000-05-02  
[86] 1998-11-09 (PCT/US98/23875)  
[87] 1999-05-20 (WO99/25024)  
[30] US (60/065,082) 1997-11-10

[21] **2,308,370**  
[13] A1

[51] **Int.Cl. 6A23B 4/03 6A47J 31/00**  
**6A23L 1/06 6F26B 13/10**  
[25] EN  
[54] **ROASTING SYSTEM**  
[54] **SYSTEME DE TORREFACTION**  
[72] TORBET, PHILIP A., US  
[72] ALLINGTON, ROGER A., US  
[71] FRESH ROAST SYSTEMS, INC., US  
[85] 2000-05-02  
[86] 1998-11-09 (PCT/US98/23747)  
[87] 1999-05-20 (WO99/23888)  
[30] US (60/065,083) 1997-11-11

[21] **2,308,371**  
[13] A1

[51] **Int.Cl. 6G01N 33/20**  
[25] EN  
[54] **METHOD FOR DIAGNOSING**  
**ALZHEIMER'S DISEASE**  
[54] **PROCEDE POUR**  
**DIAGNOSTIQUER LA MALADIE**  
**D'ALZHEIMER**  
[72] ARONSON, JEFFREY K., GB  
[72] DE SILVA, H. ASITA, LK  
[72] GRAHAME-SMITH, DAVID G., GB  
[71] BRISTOL-MYERS SQUIBB  
COMPANY, US  
[85] 2000-05-05  
[86] 1998-11-02 (PCT/US98/23198)  
[87] 1999-05-20 (WO99/24830)  
[30] US (60/064,779) 1997-11-10

[21] **2,308,372**  
[13] A1

[51] **Int.Cl. 6E21B 43/26**  
[25] EN  
[54] **FORMATION TREATMENT**  
**METHOD USING DEFORMABLE**  
**PARTICLES**  
[54] **PROCEDE DE TRAITEMENT DE**  
**FORMATION GEOLOGIQUE AU**  
**MOYEN DE PARTICULES**  
**DEFORMABLES**  
[72] STEPHENSON, CHRISTOPHER J., US  
[72] DILULLO, GINO A., SG  
[72] RAE, PHILIP J., SG  
[72] RICKARDS, ALLAN R., US  
[72] BRANNON, HAROLD D., US  
[71] BJ SERVICES COMPANY, US  
[85] 2000-05-05  
[86] 1998-05-27 (PCT/US98/10735)  
[87] 1999-06-03 (WO99/27229)  
[30] DK (1333/97) 1997-11-21  
[30] NL (1007616) 1997-11-25  
[30] NO (975440) 1997-11-26  
[30] GB (9725153.2) 1997-11-27

[21] **2,308,373**  
[13] A1

[51] **Int.Cl. 6A61K 38/21**  
[25] EN  
[54] **INTERFERON IMMUNOTHERAPY**  
[54] **IMMUNOTHERAPIE**  
**D'INTERFERON**  
[72] MARKOVIC, SVETOMIR N., US  
[71] MAYO FOUNDATION FOR  
MEDICAL EDUCATION AND  
RESEARCH, US  
[85] 2000-05-05  
[86] 1998-11-06 (PCT/US98/23639)  
[87] 1999-05-20 (WO99/24060)  
[30] US (60/064,618) 1997-11-07

[21] **2,308,374**  
[13] A1

[51] **Int.Cl. 6F16K 31/126**  
[25] EN  
[54] **PILOT VALVE**  
[54] **SOUPAPE PILOTE**  
[72] DAVENPORT, JAMES, US  
[72] CHUA, JAMES, US  
[71] SALTER LABS, US  
[85] 2000-05-05  
[86] 1998-11-10 (PCT/US98/23755)  
[87] 1999-05-27 (WO99/26004)  
[30] US (60/065,792) 1997-11-14

[21] **2,308,375**  
[13] A1

[51] **Int.Cl. 6A61B 5/00**  
[25] EN  
[54] **MULTISPECTRAL/**  
**HYPERSPECTRAL MEDICAL**  
**INSTRUMENT**  
[54] **INSTRUMENT MEDICAL**  
**MULTISPECTRAL/HYPERSPECTRAL**  
[72] FREEMAN, JENNY E., US  
[72] LEWIS, EDGAR N., US  
[71] HYPERMED IMAGING INC., US  
[71] UNITED STATES GOVERNMENT AS  
REPRESENTED BY SECRETARY  
DEPARTMENT OF HEALT, US  
[85] 2000-04-27  
[86] 1998-10-30 (PCT/US98/22961)  
[87] 1999-05-14 (WO99/22640)  
[30] US (08/961,294) 1997-10-30  
[30] US (60/093,041) 1997-11-10

[21] **2,308,376**  
[13] A1

[51] **Int.Cl. 6A23B 4/044 6A23L 1/015**  
**6B01D 53/02 6A23B 4/052 6B01D 59/26**  
**6A23L 1/272 6C09K 3/30 6A23L 3/36**  
[25] EN  
[54] **PROCESS FOR MANUFACTURING**  
**TASTELESS SUPER PURIFIED SMOKE**  
**FOR TREATING SEAFOOD TO BE**  
**FROZEN AND THAWED**  
[54] **PROCEDE DE PREPARATION DE**  
**FUMAGE SUPEREPURE INSIPIDE**  
**POUR TRAITER LES FRUITS DE MER**  
**A SURGELER ET A DEGELER**  
[72] KOWALSKI, WILLIAM R., US  
[71] KOWALSKI, WILLIAM R., US  
[85] 2000-05-03  
[86] 1998-08-04 (PCT/US98/16228)  
[87] 1999-06-10 (WO99/27794)  
[30] US (08/980,392) 1997-11-28

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[21] **2,308,377**  
[13] A1  
[51] **Int.Cl. 6A01N 47/40 6C07J 1/00 6C07K 1/00 6C07K 16/00 6C12N 9/14 6C12N 9/18 6G01N 33/567 6C12N 9/99**  
[25] EN  
[54] **METHODS FOR THE USE OF INHIBITORS OF CO-REPRESSORS FOR THE TREATMENT OF NEOPLASTIC DISEASES**  
[54] **METHODES D'UTILISATION D'INHIBITEURS DE CO-REPRESEURS DANS LE CADRE DU TRAITEMENT DE MALADIES NEOPLASIQUES**  
[72] LIN, RICHARD J., US  
[72] EVANS, RONALD M., US  
[72] NAGY, LASZLO, US  
[71] THE SALK INSTITUTE FOR BIOLOGICAL STUDIES, US  
[85] 2000-05-05  
[86] 1998-11-10 (PCT/US98/23962)  
[87] 1999-05-20 (WO99/23885)  
[30] US (08/966,876) 1997-11-10

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[21] **2,308,378**  
[13] A1  
[51] **Int.Cl. 6B32B 31/10 6B32B 31/18**  
[25] EN  
[54] **LAMINATING AND ADHESIVE TRANSFER APPARATUS WITH AN EXIT TRAY**  
[54] **MACHINE A PLASTIFIEUR ET A TRANSFERT PAR ADHESIE MUNI D'UN PLATEAU DE SORTIE**  
[72] PAQUE, MICHAEL W., US  
[71] XYRON, INC., US  
[85] 2000-05-03  
[86] 1998-11-06 (PCT/US98/23237)  
[87] 1999-05-20 (WO99/24257)  
[30] US (60/064,629) 1997-11-07

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[21] **2,308,379**  
[13] A1  
[51] **Int.Cl. 6H04N 7/10 6H04N 7/173**  
[25] EN  
[54] **SYSTEM AND METHOD FOR THE DELIVERY OF DIGITAL VIDEO AND DATA OVER A COMMUNICATION CHANNEL**  
[54] **PROCEDE ET SYSTEME PERMETTANT DE TRANSMETTRE DES DONNEES ET DES VIDEOS NUMERIQUES PAR UN CANAL DE COMMUNICATION**  
[72] ESHLEMAN, MATTHEW A., US  
[72] COLLINS, DONALD J., US  
[72] STRIKE, TIMOTHY M., US  
[72] BUTLER, WILLIAM W., US  
[72] KLIMEK, DAVID L., US  
[72] DUNN, BRYAN W., US  
[72] BOHLANDER, RONALD A., US  
[71] GEORGIA TECH RESEARCH CORPORATION, US  
[85] 2000-05-03  
[86] 1998-11-04 (PCT/US98/23550)  
[87] 1999-05-14 (WO99/23825)  
[30] US (60/064,153) 1997-11-04

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[21] **2,308,380**  
[13] A1  
[51] **Int.Cl. 6F24F 1/02**  
[25] EN  
[54] **AIR EXHAUST ACTUATOR FOR AN AIR CONDITIONER**  
[54] **COMMANDE D'EVACUATION D'AIR POUR UN CONDITIONNEUR D'AIR**  
[72] DA LUZ MORAES, LUCIANO, BR  
[71] CARRIER CORPORATION, US  
[85] 2000-05-03  
[86] 1998-09-16 (PCT/BR98/00072)  
[87] 2000-03-23 (WO00/16012)

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[21] **2,308,381**  
[13] A1  
[51] **Int.Cl. 6G06K 9/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR BIOMETRIC RECOGNITION USING UNIQUE INTERNAL DISTINGUISHING CHARACTERISTICS**  
[54] **PROCEDE ET SYSTEME DE RECONNAISSANCE BIOMETRIQUE DANS LESQUELS ON UTILISE DES CARACTERISTIQUES DISTINCTIVES INTERNES**  
[72] BROOKS, JULIANA H. J., US  
[71] QUO TECHNOLOGIES, L.L.C., US  
[85] 2000-05-05  
[86] 1998-11-18 (PCT/US98/24767)  
[87] 1999-06-03 (WO99/27489)  
[30] US (08/974,781) 1997-11-20

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[21] **2,308,382**  
[13] A1  
[51] **Int.Cl. 6F24F 13/22**  
[25] EN  
[54] **CONDENSATE DEFLECTOR FOR AN AIR CONDITIONER**  
[54] **DEFLECTEUR DE CONDENSAT POUR CONDITIONNEUR D'AIR**  
[72] LISBOA RAMOS, PAULO AUGUSTO, BR  
[72] FAGUNDES DE SOUZA, GILBERTO, BR  
[71] CARRIER CORPORATION, US  
[85] 2000-05-03  
[86] 1998-09-16 (PCT/BR98/00077)  
[87] 2000-03-23 (WO00/16021)

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[21] **2,308,383**  
[13] A1  
[51] **Int.Cl. 6A61N 1/04 6G01R 31/00 6A61F 11/04**  
[25] EN  
[54] **PACKAGING AND COATING FOR BIO-ELECTRICAL STIMULATION AND RECORDING ELECTRODES**  
[54] **CONDITIONNEMENT ET REVETEMENT POUR ELECTRODES BIOELECTRIQUES DE STIMULATION ET D'ENREGISTREMENT**  
[72] CARTER, PAUL MICHAEL, AU  
[72] MONEY, DAVID KERRY, AU  
[72] TABOR, BRUCE, AU  
[71] COCHLEAR LIMITED, AU  
[85] 2000-04-27  
[86] 1997-10-31 (PCT/AU97/00737)  
[87] 1999-05-14 (WO99/22806)

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[21] **2,308,384**  
[13] A1

[51] **Int.Cl. 6F24F 1/02 6F24F 13/22**  
[25] EN  
[54] **CONDENSATE DRAIN OUTLET FOR AN AIR CONDITIONER**  
[54] **SORTIE DE PURGE DE CONDENSATS POUR CONDITIONNEUR D'AIR**  
[72] DA LUZ MORAES, LUCIANO, BR  
[72] OLIVEIRA DE BARROS, DANIEL ALESSANDRO, BR  
[71] CARRIER CORPORATION, US  
[85] 2000-05-03  
[86] 1998-09-16 (PCT/BR98/00076)  
[87] 2000-03-23 (WO00/16014)

[21] **2,308,387**  
[13] A1

[51] **Int.Cl. 6H05K 5/02 6H01R 13/74**  
[25] EN  
[54] **MOUNTING OF A CONTROL BOX IN AN ELECTRICAL APPLIANCE**  
[54] **MONTAGE D'UN BOITIER DE COMMANDE DANS UN APPAREIL ELECTRIQUE**  
[72] RAMOS, PAULO AUGUSTO LISBOA, BR  
[72] DA LUZ MORAES, LUCIANO, BR  
[71] CARRIER CORPORATION, US  
[85] 2000-05-03  
[86] 1998-09-16 (PCT/BR98/00073)  
[87] 2000-03-23 (WO00/16598)

[21] **2,308,390**  
[13] A1

[51] **Int.Cl. 7H04B 10/10 7H04B 10/00**  
[25] EN  
[54] **FREE SPACE OPTICAL INTERCONNECT SYSTEM**  
[54] **SYSTEME D'INTERCONNEXION OPTIQUE SANS CONTRAINTE D'ESPACE**  
[72] GOODWILL, DOMINIC J., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[85] 2000-04-13  
[86] 1999-09-09 (PCT/CA99/00826)  
[87] 2000-03-23 (WO00/16503)  
[30] US (09/150,242) 1998-09-10  
[30] US (09/356,046) 1999-07-16

[21] **2,308,385**  
[13] A1

[51] **Int.Cl. 6A61K 31/70**  
[25] EN  
[54] **ANTIMUTAGENIC COMPOSITIONS FOR TREATMENT AND PREVENTION OF PHOTODAMAGE TO SKIN**  
[54] **COMPOSITIONS ANTIMUTAGENES DESTINEES AU TRAITEMENT ET A LA PREVENTION DES ALTERATIONS DE LA PEAU DUES A L'EXPOSITION A LA LUMIERE**  
[72] VON BORSTEL, REID W., US  
[72] ROMANTSEV, FEDOR, US  
[71] PRO-NEURON, INC., US  
[85] 2000-05-03  
[86] 1998-11-03 (PCT/US98/23288)  
[87] 1999-05-14 (WO99/22741)  
[30] US (08/963,831) 1997-11-04

[21] **2,308,388**  
[13] A1

[51] **Int.Cl. 6C21B 13/02 6F27D 3/08 6F27B 1/21**  
[25] EN  
[54] **WITHDRAWAL DEVICE FOR A SHAFT FURNACE**  
[54] **DISPOSITIF D'EXTRACTION POUR FOUR A CUVE**  
[72] AICHINGER, GEORG, AT  
[72] ZIEGLER, JOSEF, AT  
[72] SCHMIDT, MARTIN, AT  
[72] WIEDER, KURT, AT  
[72] WURM, JOHANN, AT  
[72] LASSNIG, HERBERT, AT  
[71] DEUTSCHE VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, DE  
[85] 2000-05-05  
[86] 1998-10-26 (PCT/EP98/06794)  
[87] 1999-05-20 (WO99/24626)  
[30] AT (A 1892/97) 1997-11-07

[21] **2,308,391**  
[13] A1

[51] **Int.Cl. 6C22F 1/04 6C22C 21/00**  
[25] EN  
[54] **PROCESS FOR PRODUCING BASE FOILS OF ALUMINUM ALLOYS**  
[54] **PROCEDE DE PRODUCTION DE FEUILLES DE BASE METALLIQUES EN ALLIAGES D'ALUMINIUM**  
[72] JIN, ILJOON, JP  
[72] KATANO, MASAHIKO, JP  
[72] ISHII, HIDEHIKO, JP  
[71] ALCAN INTERNATIONAL LIMITED, CA  
[85] 2000-04-13  
[86] 1998-10-30 (PCT/JP98/04919)  
[87] 1999-05-14 (WO99/23269)  
[30] JP (9/316026) 1997-10-31

[21] **2,308,386**  
[13] A1

[51] **Int.Cl. 6H04L 9/32**  
[25] EN  
[54] **METHOD FOR DIGITAL SIGNING OF A MESSAGE**  
[54] **PROCEDE POUR LA SIGNATURE NUMERIQUE D'UN MESSAGE**  
[72] GROFFMANN, HANS-DIETER, DE  
[72] ROVER, STEFAN, DE  
[71] BROKAT INFOSYSTEMS AG, DE  
[85] 2000-04-27  
[86] 1998-10-24 (PCT/EP98/06769)  
[87] 1999-05-06 (WO99/22486)  
[30] DE (197 47 603.1) 1997-10-28

[21] **2,308,389**  
[13] A1

[51] **Int.Cl. 6H04M 7/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR ROUTING SERVICE CALLS MADE FROM RESOLD LINES**  
[54] **PROCEDE ET SYSTEME DE ROUTAGE D'APPELS DE SERVICE EFFECTUES A PARTIR DE LIGNES REVENUES**  
[72] BEDINGFIELD, JAMES C., SR., US  
[72] LAPIERRE, STEPHEN R., US  
[72] HOLT, SCOTT C., US  
[71] BELLSOUTH INTELLECTUAL PROPERTY CORPORATION, US  
[85] 2000-05-03  
[86] 1998-11-04 (PCT/US98/23443)  
[87] 1999-05-14 (WO99/23808)  
[30] US (60/064,230) 1997-11-04

[21] **2,308,392**  
[13] A1

[51] **Int.Cl. 6F42B 3/188 6F42C 13/04 6F42D 1/05**  
[25] EN  
[54] **CONTROLLED ELECTROMAGNETIC INDUCTION DETONATION SYSTEM FOR INITIATION OF A DETONATABLE MATERIAL**  
[54] **SYSTEME DE DETONATION A INDUCTION MAGNETIQUE CONTROLEE PERMETTANT L'AMORCAGE D'UN MATERIAU APTÉ A LA DETONATION**  
[72] WRIGHT, KEITH, AU  
[72] GAVRILVIC, MIKE, US  
[71] ROCKTEK LIMITED, AU  
[85] 2000-05-05  
[86] 1998-11-06 (PCT/AU98/00929)  
[87] 1999-05-20 (WO99/24776)  
[30] AU (PP 0216) 1997-11-06

## Demandes PCT entrant en phase nationale

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| <p style="text-align: right;">[21] <b>2,308,393</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C08K 3/34 6C08L 53/00</b><br/>[25] EN<br/>[54] <b>TALC CONTAINING POLYPROPYLENE COMPOSITIONS</b><br/>[54] <b>COMPOSITIONS DE POLYPROPYLENE RENFERMANT DU TALC</b><br/>[72] TORA, DAG, NO<br/>[72] AUGESTAD, MORTEN, NO<br/>[72] AASETRE, SVEINUNG, NO<br/>[71] BOREALIS A/S, DK<br/>[85] 2000-05-05<br/>[86] 1998-11-09 (PCT/EP98/07216)<br/>[87] 1999-05-20 (WO99/24501)<br/>[30] FI (974178) 1997-11-07</p>  | <p style="text-align: right;">[21] <b>2,308,396</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/06</b><br/>[25] EN<br/>[54] <b>EXPANDABLE STENT AND METHOD FOR PRODUCTION OF SAME</b><br/>[54] <b>PROTHESE ENDOVASCULAIRE EXTENSIBLE ET SON PROCEDE DE PRODUCTION</b><br/>[72] SHUKOV, GEORGE A., US<br/>[71] NOVO RPS ULC, CA<br/>[85] 2000-05-05<br/>[86] 1998-05-14 (PCT/CA98/00471)<br/>[87] 1998-11-19 (WO98/51238)<br/>[30] US (60/046,497) 1997-05-14</p>  | <p style="text-align: right;">[21] <b>2,308,398</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04N 9/475 6H04N 5/05 6H04J 3/06</b><br/>[25] EN<br/>[54] <b>SYSTEM AND METHOD FOR MAINTAINING TIMING SYNCHRONIZATION IN A DIGITAL VIDEO NETWORK</b><br/>[54] <b>SYSTEME ET PROCEDE PERMETTANT DE MAINTENIR LE SYNCHRONISME DES SIGNAUX DANS UN RESEAU VIDEO NUMERIQUE</b><br/>[72] ESHLEMAN, MATTHEW A., US<br/>[72] DUNN, BRYAN W., US<br/>[72] LAWRENCE, PETER H., US<br/>[71] GEORGIA TECH RESEARCH CORPORATION, US<br/>[85] 2000-05-03<br/>[86] 1998-11-04 (PCT/US98/23546)<br/>[87] 1999-05-14 (WO99/23833)<br/>[30] US (60/064,153) 1997-11-04</p> |
| <p style="text-align: right;">[21] <b>2,308,394</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C03B 37/10 6C03B 37/15</b><br/>[25] EN<br/>[54] <b>IMPROVED METHOD AND APPARATUS FOR FORMING MIGRATION FREE GLASS FIBER PACKAGES</b><br/>[54] <b>PROCEDE ET APPAREIL AMELIORES PERMETTANT DE FORMER DES ENROULEMENTS DE FIBRE DE VERRE EXEMPTS DE MIGRATION</b><br/>[72] FLAUTT, MARTIN C., US<br/>[72] MATTESON, THOMAS O., US<br/>[72] ADZIMA, LEONARD J., US<br/>[71] OWENS CORNING, US<br/>[85] 2000-05-05<br/>[86] 1998-11-05 (PCT/US98/23604)<br/>[87] 1999-06-03 (WO99/26895)<br/>[30] US (08/975,633) 1997-11-21</p> | <p style="text-align: right;">[21] <b>2,308,397</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61N 1/32 6C12N 13/00</b><br/>[25] EN<br/>[54] <b>METHOD FOR ELECTRO-PERMEABILISATION OF INDIVIDUAL CELLULAR AND ORGANELLAR STRUCTURES AND USE THEREOF</b><br/>[54] <b>PROCEDE D'ELECTROPERMEABILISATION DE STRUCTURES CELLULAIRES ET D'ORGANITES INDIVIDUELS ET LEUR UTILISATION</b><br/>[72] LUNDQVIST, ANDERS, SE<br/>[72] ORWAR, OWE, SE<br/>[72] CHIU, DANIEL, US<br/>[72] ERIKSSON, PETER, SE<br/>[71] A+ SCIENCE INVEST AB, SE<br/>[85] 2000-05-05<br/>[86] 1998-11-06 (PCT/SE98/02012)<br/>[87] 1999-05-20 (WO99/24110)<br/>[30] SE (9704076-0) 1997-11-06</p> | <p style="text-align: right;">[21] <b>2,308,399</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A22C 29/02</b><br/>[25] EN<br/>[54] <b>IMPROVED DRIVE SYSTEM FOR SHRIMP PEELING APPARATUS</b><br/>[54] <b>ENSEMBLE MOTEUR AMELIORE POUR DECORTIQUEUSE A CREVETTES</b><br/>[72] SIRGO, SCOTT J., US<br/>[72] ROSOW, BEN, US<br/>[72] COOPER, GREGORY C., US<br/>[72] LEDET, BRENT A., US<br/>[71] THE LAITRAM CORPORATION, US<br/>[85] 2000-04-27<br/>[86] 1999-08-24 (PCT/US99/19187)<br/>[87] 2000-03-16 (WO00/13517)<br/>[30] US (09/145,827) 1998-09-02</p>  |
| <p style="text-align: right;">[21] <b>2,308,395</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C12C 3/10</b><br/>[25] EN<br/>[54] <b>PURIFICATION OF .ALPHA.-ACIDS AND .BETA.-ACIDS</b><br/>[54] <b>PURIFICATION D'ACIDES .ALPHA. ET D'ACIDES .BETA.</b><br/>[72] GOLDSTEIN, HENRY, US<br/>[72] REFLING, JAY R., US<br/>[72] TING, PATRICK L., US<br/>[72] VANSANFORD, MICHAEL A., US<br/>[71] MILLER BREWING COMPANY, US<br/>[85] 2000-05-05<br/>[86] 1998-11-12 (PCT/US98/24227)<br/>[87] 1999-05-27 (WO99/25807)<br/>[30] US (08/970,062) 1997-11-13</p>   | <p style="text-align: right;">[21] <b>2,308,400</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7F01D 11/00 7F16J 15/08</b><br/>[25] EN<br/>[54] <b>C-SHAPED RING SEAL</b><br/>[54] <b>JOINT D'ETANCHEITE ANNULAIRE EN FORME DE C</b><br/>[72] LAMPES, ELIAS HARRY, US<br/>[71] GENERAL ELECTRIC COMPANY, US<br/>[85] 2000-04-27<br/>[86] 1999-08-30 (PCT/US99/19427)<br/>[87] 2000-03-09 (WO00/12870)<br/>[30] US (09/145,891) 1998-09-02</p>  |   |

## PCT Applications Entering the National Phase

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[21] **2,308,401**  
[13] A1  
[51] **Int.Cl. 6G01R 31/28**  
[25] EN  
[54] **DUAL-BAND RF TEST INTERFACE CIRCUIT**  
[54] **CIRCUIT D'INTERFACE POUR TEST HF DOUBLE BANDE**  
[72] BARTLETT, JEFFREY L., US  
[72] JOHNSON, LAWRENCE W., US  
[71] QUALCOMM INCORPORATED, US  
[85] 2000-04-27  
[86] 1998-10-22 (PCT/US98/22450)  
[87] 1999-05-06 (WO99/22250)  
[30] US (08/960,172) 1997-10-29

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[21] **2,308,402**  
[13] A1  
[51] **Int.Cl. 6H04K 1/00 6G09C 5/00 6H04L 9/00**  
[25] EN  
[54] **WATERMARKING OF DIGITAL IMAGE DATA**  
[54] **FORMATION DE FILIGRANE DANS DES DONNEES D'IMAGES NUMERIQUES**  
[72] CHANG, SHIH-FU, US  
[72] MENG, JIANHAO, US  
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US  
[85] 2000-04-27  
[86] 1998-10-27 (PCT/US98/22790)  
[87] 1999-05-06 (WO99/22480)  
[30] US (60/063,509) 1997-10-27

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[21] **2,308,403**  
[13] A1  
[51] **Int.Cl. 6E01F 8/00**  
[25] EN  
[54] **A NOISESCREEN**  
[54] **DISPOSITIF ANTIBRUIT**  
[72] FALK, JOHANNES, DK  
[72] RASK, STEEN ERIK, DK  
[71] ROCKWOOL INTERNATIONAL A/S, DK  
[85] 2000-04-27  
[86] 1998-10-27 (PCT/DK98/00466)  
[87] 1999-05-06 (WO99/22075)  
[30] DK (1226/97) 1997-10-28

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[21] **2,308,438**  
[13] A1  
[51] **Int.Cl. 6A61K 38/20 6A61K 38/00**  
[25] EN  
[54] **METHOD AND COMPOSITIONS FOR INHIBITING ANGIOGENESIS AND TREATING CANCER**  
[54] **METHODE ET COMPOSITIONS D'INHIBITION DE L'ANGIOGENESE ET DE TRAITEMENT DU CANCER**  
[72] COUGHLIN, CHRISTINA M., US  
[72] LEE, WILLIAM M. F., US  
[72] TRINCHIERI, GIORGIO, US  
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US  
[71] THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY, US  
[85] 2000-05-02  
[86] 1998-11-02 (PCT/US98/23199)  
[87] 1999-05-14 (WO99/22760)  
[30] US (08/963,060) 1997-11-03

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[21] **2,308,440**  
[13] A1  
[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6C07K 19/00 6C12N 5/12 6C07K 16/28 6C12N 15/62 6C07K 14/705**  
[25] EN  
[54] **BMOG, A PROTEIN MEMBER OF THE MYELIN-OLIGODENDROCYTE GLYCOPROTEIN FAMILY AND ITS USE**  
[54] **BMOG, NOUVELLE PROTEINE DE LA FAMILLE DES GLYCOPROTEINES DE MYELINE-OLIGODENDROCYTE, ET SON UTILISATION A DES FINS IMMUNOMODULATRICES**  
[72] BROWNING, JEFFREY, US  
[71] BIOGEN, INC., US  
[85] 2000-05-04  
[86] 1998-11-05 (PCT/US98/23826)  
[87] 1999-05-20 (WO99/23867)  
[30] US (60/064,761) 1997-11-07

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[21] **2,308,441**  
[13] A1  
[51] **Int.Cl. 6B31D 5/00 6B65H 18/08 6B65H 18/10**  
[25] EN  
[54] **CUSHIONING CONVERSION SYSTEM AND METHOD FOR MAKING A COIL OF CUSHIONING PRODUCT**  
[54] **SYSTEME DE CONVERSION EN MATERIAU DE REMBOURRAGE ET PROCEDE DE FABRICATION D'UNE BOBINE DE MATERIAU DE REMBOURRAGE**  
[72] MANLEY, THOMAS E., US  
[72] LINTALA, EDWARD W., US  
[72] RATZEL, RICHARD O., US  
[72] HARDING, JOSEPH J., US  
[72] SIMMONS, JAMES A., JR., US  
[71] RANPAK CORP., US  
[85] 2000-04-26  
[86] 1998-10-27 (PCT/US98/22726)  
[87] 1999-05-06 (WO99/21702)  
[30] US (60/063,275) 1997-10-27  
[30] US (60/071,164) 1998-01-12  
[30] US (60/095,702) 1998-08-07

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[21] **2,308,442**  
[13] A1  
[51] **Int.Cl. 6C08F 255/04 6C08F 255/00 6C08F 291/00 6C10M 149/06**  
[25] EN  
[54] **PROCESSES FOR PREPARING GRAFTED COPOLYMERS**  
[54] **PROCEDES DE PREPARATION DE COPOLYMERES GREFFES**  
[72] SAUER, RICHARD, US  
[72] GOLDBLATT, IRWIN LEONARD, US  
[71] CASTROL LIMITED, GB  
[85] 2000-04-26  
[86] 1998-10-28 (PCT/GB98/03208)  
[87] 1999-05-06 (WO99/21902)  
[30] US (60/063,689) 1997-10-28

## Demandes PCT entrant en phase nationale

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| <p style="text-align: right;">[21] <b>2,308,443</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/535 6C07D 413/12</b><br/>[25] EN<br/>[54] <b>MORPHOLINO-N-ETHYL ESTER PRODRUGS OF INDOLE SPLA2 INHIBITORS</b><br/>[54] <b>PROMEDICAMENTS D'ESTER DE MORPHOLINO-N-ETHYLE D'INHIBITEURS INDOLIQUES DE SPLA2</b><br/>[72] MORIN, JOHN MICHAEL JR., US<br/>[72] DENNEY, MICHAEL LYLE, US<br/>[72] SAWYER, JASON SCOTT, US<br/>[72] SALL, DANIEL JON, US<br/>[71] ELI LILLY AND COMPANY, US<br/>[85] 2000-04-26<br/>[86] 1998-10-26 (PCT/US98/22679)<br/>[87] 1999-05-06 (WO99/21559)<br/>[30] US (60/063,646) 1997-10-27</p> | <p style="text-align: right;">[21] <b>2,308,451</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6E21B 10/16</b><br/>[25] EN<br/>[54] <b>A ROTARY DRILL BIT AND A ROLLER CUTTER FOR ROCK DRILLING</b><br/>[54] <b>TREPAN ROTATIF ET TRICONE POUR FORAGE DE ROCHES</b><br/>[72] KARLSSON, LENNART, SE<br/>[71] SANDVIK AB, SE<br/>[85] 2000-04-26<br/>[86] 1998-11-06 (PCT/SE98/02005)<br/>[87] 1999-05-27 (WO99/25948)<br/>[30] SE (9704233-7) 1997-11-19</p> | <p style="text-align: right;">[21] <b>2,308,471</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B61L 23/04</b><br/>[25] EN<br/>[54] <b>RAILWAYS MEANS ANTI-COLLISION AND ANTI-DERAILEMENT SAFETY SYSTEM</b><br/>[54] <b>SYSTEME DE SECURITE ANTICOLLISION ET ANTIDERAILLEMENT POUR LES CHEMINS DE FER</b><br/>[72] CAPANNA, FRANCO, IT<br/>[71] CAPANNA, FRANCO, IT<br/>[85] 2000-05-03<br/>[86] 1998-11-12 (PCT/IT98/00320)<br/>[87] 1999-05-27 (WO99/25598)<br/>[30] US (RM97A000706) 1997-11-14</p>   |
| <p style="text-align: right;">[21] <b>2,308,446</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B22D 41/50 7B22D 41/40</b><br/>[25] EN<br/>[54] <b>REFRACTORY NOZZLE</b><br/>[54] <b>BUSE REFRACTAIRE</b><br/>[72] MILLS, STEPHEN DAVID, GB<br/>[71] MILLS, STEPHEN DAVID, GB<br/>[85] 2000-05-03<br/>[86] 1999-09-01 (PCT/GB99/02877)<br/>[87] 2000-03-16 (WO00/13822)<br/>[30] GB (9819191.9) 1998-09-04</p>   | <p style="text-align: right;">[21] <b>2,308,469</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B22D 41/50 7B22D 41/08</b><br/>[25] EN<br/>[54] <b>REFRACTORY NOZZLE</b><br/>[54] <b>BUSE REFRACTAIRE</b><br/>[72] MILLS, STEPHEN DAVID, GB<br/>[71] MILLS, STEPHEN DAVID, GB<br/>[85] 2000-05-03<br/>[86] 1999-09-01 (PCT/GB99/02877)<br/>[87] 2000-03-16 (WO00/13822)<br/>[30] GB (9819191.9) 1998-09-04</p>  | <p style="text-align: right;">[21] <b>2,308,472</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/765 6A61K 33/14</b><br/>[25] EN<br/>[54] <b>OPHTHALMIC COMPOSITIONS AND PROCESS OF USING</b><br/>[54] <b>COMPOSITIONS OPHTALMOLOGIQUES ET PROCEDE D'UTILISATION -</b><br/>[72] SMITH, STEWART GREGORY, US<br/>[71] SMITH, STEWART GREGORY, US<br/>[85] 2000-05-03<br/>[86] 1999-01-13 (PCT/US99/00881)<br/>[87] 2000-03-16 (WO00/13692)<br/>[30] US (09/146,683) 1998-09-03</p>  |
| <p style="text-align: right;">[21] <b>2,308,446</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H01L 23/552</b><br/>[25] EN<br/>[54] <b>ELECTROMAGNETIC INTERFERENCE SHIELD DEVICE AND METHOD</b><br/>[54] <b>DISPOSITIF ET PROCEDE DE BLINDAGE CONTRE LES PARASITES ELECTROMAGNETIQUES</b><br/>[72] GLENN, THOMAS P., US<br/>[71] AMKOR TECHNOLOGY, INC., US<br/>[85] 2000-04-26<br/>[86] 1999-07-23 (PCT/US99/16458)<br/>[87] 2000-03-09 (WO00/13233)<br/>[30] US (09/141,936) 1998-08-28</p>  | <p style="text-align: right;">[21] <b>2,308,470</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F16K 1/20 6F04B 43/06</b><br/>[25] EN<br/>[54] <b>A VALVE ARRANGEMENT</b><br/>[54] <b>AGENCEMENT DE SOUPAPE</b><br/>[72] BAHRTON, SVANTE, SE<br/>[71] BAHRTON, SVANTE, SE<br/>[85] 2000-05-03<br/>[86] 1998-11-12 (PCT/SE98/02044)<br/>[87] 1999-05-27 (WO99/25998)<br/>[30] SE (9704160-2) 1997-11-13</p>  | <p style="text-align: right;">[21] <b>2,308,473</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 1/14</b><br/>[25] EN<br/>[54] <b>SYSTEM AND METHOD FOR ELECTRONICALLY IDENTIFYING CONNECTIONS OF A CROSS-CONNECT SYSTEM</b><br/>[54] <b>SYSTEME ET PROCEDE POUR L'IDENTIFICATION ELECTRONIQUE DE CONNEXIONS D'UN REPARTITEUR</b><br/>[72] DANZINGER, LEAH E., US<br/>[72] KOZIY, ROBERT J., US<br/>[72] PFEIFFER, GREGORY C., US<br/>[72] SIT, ERIC KAR-WING, US<br/>[72] KELLER, JOHN C., US<br/>[71] ADC TELECOMMUNICATIONS, INC., US<br/>[85] 2000-05-02<br/>[86] 1998-11-17 (PCT/US98/24447)<br/>[87] 1999-05-27 (WO99/26426)<br/>[30] US (08/972,159) 1997-11-17</p> |
| <p style="text-align: right;">[21] <b>2,308,449</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B01D 29/00</b><br/>[25] EN<br/>[54] <b>COMPOSITE SCREEN</b><br/>[54] <b>TAMIS COMPOSITE</b><br/>[72] EGAN, JOHN J., III, US<br/>[72] WILLIAMSON, GARY S., US<br/>[71] THERMO BLACK CLAWSON INC., US<br/>[85] 2000-04-26<br/>[86] 1998-11-12 (PCT/US98/24047)<br/>[87] 1999-05-20 (WO99/24143)<br/>[30] US (60/065,520) 1997-11-12</p>  | <p style="text-align: right;">[21] <b>2,308,470</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6F16K 1/20 6F04B 43/06</b><br/>[25] EN<br/>[54] <b>A VALVE ARRANGEMENT</b><br/>[54] <b>AGENCEMENT DE SOUPAPE</b><br/>[72] BAHRTON, SVANTE, SE<br/>[71] BAHRTON, SVANTE, SE<br/>[85] 2000-05-03<br/>[86] 1998-11-12 (PCT/SE98/02044)<br/>[87] 1999-05-27 (WO99/25998)<br/>[30] SE (9704160-2) 1997-11-13</p>  | <p style="text-align: right;">[21] <b>2,308,473</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 1/14</b><br/>[25] EN<br/>[54] <b>SYSTEM AND METHOD FOR ELECTRONICALLY IDENTIFYING CONNECTIONS OF A CROSS-CONNECT SYSTEM</b><br/>[54] <b>SYSTEME ET PROCEDE POUR L'IDENTIFICATION ELECTRONIQUE DE CONNEXIONS D'UN REPARTITEUR</b><br/>[72] DANZINGER, LEAH E., US<br/>[72] KOZIY, ROBERT J., US<br/>[72] PFEIFFER, GREGORY C., US<br/>[72] SIT, ERIC KAR-WING, US<br/>[72] KELLER, JOHN C., US<br/>[71] ADC TELECOMMUNICATIONS, INC., US<br/>[85] 2000-05-02<br/>[86] 1998-11-17 (PCT/US98/24447)<br/>[87] 1999-05-27 (WO99/26426)<br/>[30] US (08/972,159) 1997-11-17</p> |

## PCT Applications Entering the National Phase

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| <p>[21] <b>2,308,474</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H05K 1/00</b><br/>[25] EN<br/>[54] <b>METHODS AND APPARATUS FOR THE SECURE IDENTIFICATION AND VALIDATION OF THINGS AND EVENTS</b><br/>[54] <b>METHODES ET DISPOSITIFS PERMETTANT UNE IDENTIFICATION PROTEGEE D'ELEMENTS ET D'EVENEMENTS</b><br/>[72] LABATON, ISAAC J., IL<br/>[71] ENCO-TONE LTD, IL<br/>[85] 2000-05-03<br/>[86] 1998-11-04 (PCT/IB98/01834)<br/>[87] 1999-06-03 (WO99/27676)<br/>[30] IL (122106) 1997-11-04</p>   | <p>[21] <b>2,308,476</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04N 9/12</b><br/>[25] EN<br/>[54] <b>MODULAR DISPLAY SYSTEM</b><br/>[54] <b>AFFICHEUR MODULAIRE</b><br/>[72] SINGH, BAWA, US<br/>[72] MCGINN, JOSEPH THOMAS, US<br/>[72] BECHIS, DENNIS JOHN, US<br/>[72] FIRESTER, ARTHUR HERBERT, US<br/>[72] CARLIN, DONALD BARRY, US<br/>[72] BURSTYN, HERSCHEL CLEMENT, US<br/>[71] SARNOFF CORPORATION, US<br/>[85] 2000-05-03<br/>[86] 1998-12-02 (PCT/US98/25552)<br/>[87] 1999-06-10 (WO99/29117)<br/>[30] US (60/067,248) 1997-12-02<br/>[30] US (09/200,081) 1998-11-25</p> | <p>[21] <b>2,308,478</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C07D 405/06 6A61K 31/36 6A61K 31/405</b><br/>[25] EN<br/>[54] <b>INDOLE DERIVATIVE USEFUL AS ENDOTHELIN RECEPTOR ANTAGONIST</b><br/>[54] <b>DERIVE INDOLIQUE UTILE COMME ANTAGONISTE DE RECEPTEUR D'ENDOTHELINE</b><br/>[72] DACK, KEVIN NEIL, GB<br/>[72] DERRICK, ANDREW MICHAEL, GB<br/>[72] RAWSON, DAVID JAMES, GB<br/>[72] CHALLENGER, STEPHEN, GB<br/>[72] HAJIKARIMIAN, YOUSEF, GB<br/>[72] JAMES, KIM, GB<br/>[72] ELLIS, DAVID, GB<br/>[72] DICKINSON, ROGER PETER, GB<br/>[71] PFIZER INC., US<br/>[85] 2000-05-03<br/>[86] 1998-10-06 (PCT/EP98/06354)<br/>[87] 1999-04-29 (WO99/20623)<br/>[30] GB (9722287.1) 1997-10-22</p> |
| <p>[21] <b>2,308,475</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/06</b><br/>[25] EN<br/>[54] <b>DEVICES FOR FORMING AND/OR MAINTAINING CONNECTIONS BETWEEN ADJACENT ANATOMICAL CONDUITS</b><br/>[54] <b>DISPOSITIFS PERMETTANT D'ETABLIR DES CONNEXIONS ENTRE DES VOIES ANATOMIQUES ADJACENTES ET/OU DE LES MAINTENIR</b><br/>[72] MAKOWER, JOSHUA, US<br/>[72] LAMSON, THEODORE C., US<br/>[72] WHITT, JASON BRIAN, US<br/>[72] KIM, STEVEN, US<br/>[72] FLAHERTY, J. CHRISTOPHER, US<br/>[71] TRANSVASCULAR, INC., US<br/>[85] 2000-05-03<br/>[86] 1998-11-10 (PCT/US98/23916)<br/>[87] 1999-05-27 (WO99/25273)<br/>[30] US (08/970,694) 1997-11-14</p> | <p>[21] <b>2,308,477</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A23L 1/18 6A23P 1/14</b><br/>[25] EN<br/>[54] <b>GRAIN BASED, EXTRUDED PRODUCT PREPARATION IN A HIGH-SPEED SCREW-EXTRUDER</b><br/>[54] <b>PREPARATION DE PRODUIT EXTRUDE A BASE DE GRAINS DANS DES EXTRUDEUSES A VIS A VITESSES ELEVEES</b><br/>[72] ROBIE, STEVEN C., US<br/>[72] VAN LINGERICH, BERNHARD, US<br/>[71] GENERAL MILLS, INC., US<br/>[85] 2000-05-03<br/>[86] 1998-10-15 (PCT/US98/22076)<br/>[87] 1999-05-14 (WO99/22607)<br/>[30] US (08/964,284) 1997-11-04</p>                                       | <p>[21] <b>2,308,505</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61B 8/00</b><br/>[25] EN<br/>[54] <b>METHODS AND APPARATUS FOR NON-UNIFORM ROTATION DISTORSION DETECTION IN AN INTRAVASCULAR ULTRASOUND IMAGING SYSTEM</b><br/>[54] <b>PROCEDES ET APPAREIL DE DETECTION DE LA DEFORMATION DUE A UNE ROTATION NON UNIFORME DANS UN SYSTEME D'ECHOGRAPHIE INTRAVASCULAIRE</b><br/>[72] TEO, TAT-JIN, US<br/>[71] BOSTON SCIENTIFIC LIMITED, BB<br/>[85] 2000-05-01<br/>[86] 1998-11-24 (PCT/IB98/02126)<br/>[87] 1999-06-03 (WO99/26541)<br/>[30] US (08/977,543) 1997-11-25</p>   |

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| <p style="text-align: right;">[21] <b>2,308,507</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B05B 1/04</b><br/>[25] EN<br/>[54] <b>SLIT NOZZLE FOR SPRAYING A CONTINUOUS CASTING PRODUCT WITH A COOLING LIQUID</b><br/>[54] <b>BUSE A JET EVENTAIL DESTINE A PULVERISER UN LIQUIDE DE REFROIDISSEMENT SUR UN PRODUIT DE COULEE CONTINUE</b><br/>[72] STILLI, ADRIAN, CH<br/>[71] CONCAST STANDARD AG, CH<br/>[85] 2000-05-01<br/>[86] 1998-11-05 (PCT/EP98/07069)<br/>[87] 1999-05-27 (WO99/25481)<br/>[30] CH (2639/97) 1997-11-14</p> | <p style="text-align: right;">[21] <b>2,308,510</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B65H 29/02</b><br/>[25] EN<br/>[54] <b>DEVICE FOR RECEIVING AND/OR CONVEYING FLAT PRODUCTS</b><br/>[54] <b>DISPOSITIF POUR RECEVOIR ET/OU DISTRIBUER DES PRODUITS PLATS</b><br/>[72] REIST, WALTER, CH<br/>[71] FERAG AG, CH<br/>[85] 2000-05-01<br/>[86] 1998-12-09 (PCT/CH98/00528)<br/>[87] 1999-07-08 (WO99/33734)<br/>[30] CH (2967/97) 1997-12-23</p>  | <p style="text-align: right;">[21] <b>2,308,560</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B65H 75/14</b><br/>[25] EN<br/>[54] <b>REEL FOR SUPPORTING OPTICAL FIBRES AND METHOD FOR CONTROLLING THE DEFORMATIONS EXPERIENCED BY THE SAID REEL DURING WINDING</b><br/>[54] <b>BOBINE DE SUPPORT DE FIBRES OPTIQUES ET PROCEDE DE COMMANDE DES DEFORMATIONS SUBIES PAR LADITE BOBINE LORS DE L'ENROULEMENT</b><br/>[72] BOCCIOLA, LORENZO, IT<br/>[71] PIRELLI CAVI E SISTEMI S.P.A., IT<br/>[85] 2000-05-04<br/>[86] 1998-11-04 (PCT/EP98/06969)<br/>[87] 1999-05-20 (WO99/24345)<br/>[30] EP (97119380.0) 1997-11-06<br/>[30] US (60/064,470) 1997-11-06</p> |
| <p style="text-align: right;">[21] <b>2,308,508</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6D21D 5/16</b><br/>[25] EN<br/>[54] <b>SCREEN PANEL</b><br/>[54] <b>PLATINE D'EPURATION</b><br/>[72] TOLVANEN, MIKA, SE<br/>[71] VALMET FIBERTECH AB, SE<br/>[85] 2000-05-01<br/>[86] 1998-11-09 (PCT/SE98/02018)<br/>[87] 1999-05-20 (WO99/24663)<br/>[30] SE (9704093-5) 1997-11-07</p>   | <p style="text-align: right;">[21] <b>2,308,511</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 48/00</b><br/>[25] EN<br/>[54] <b>USE OF VECTORS SUCH AS ADENOVIRUSES AND/OR ADENO ASSOCIATED VIRUSES AND/OR RETROVIRUSES AND/OR HERPES SIMPLEX VIRUSES AND/OR LIPOSOMES AND/OR PLASMIDS AS A VEHICLE FOR GENETIC INFORMATION ENABLING MAMMAL CELLS TO PRODUCE AGENTS FOR THE TREATMENT OF BONE PATHOLOGIES</b><br/>[54] <b>UTILISATION DE VECTEURS TELS QUE ADENOVIRUS ET/OU VIRUS ADENO-ASSOCIES ET/OU RETROVIRUS ET/OU HERPESVIRUS ET/OU LIPOSOMES ET/OU PLASMIDES COMME VEHICULES D'INFORMATIONS GENETIQUES RELATIVES A L'APTITUDE DES CELLULES DE MAMMIFERES A PRODUIRE DES AGENTS POUR LE TRAITEMENT DE PATHOLOGIES OSSEUSES</b><br/>[72] WHALEN, JANEY D., US<br/>[72] EVANS, CHRISTOPHER H., US<br/>[72] ROBBINS, PAUL D., US<br/>[72] LATTERMANN, CHRISTIAN, DE<br/>[72] BALTZER, AXEL WILHELM AUGUST, DE<br/>[71] UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US<br/>[85] 2000-05-01<br/>[86] 1998-10-29 (PCT/EP98/06849)<br/>[87] 1999-05-06 (WO99/21589)<br/>[30] DE (197 47 718.6) 1997-10-29<br/>[30] DE (197 47 719.4) 1997-10-29</p> | <p style="text-align: right;">[21] <b>2,308,562</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B29C 51/14 6B32B 31/20</b><br/>[25] EN<br/>[54] <b>METHOD OF MAKING AN ACRYLIC ARTICLE</b><br/>[54] <b>PROCEDE DE FABRICATION D'UN ARTICLE EN ACRYLIQUE</b><br/>[72] TINKER, PAUL, ZA<br/>[71] AECI LIMITED, ZA<br/>[85] 2000-05-04<br/>[86] 1998-11-05 (PCT/GB98/03323)<br/>[87] 1999-05-20 (WO99/24237)<br/>[30] ZA (97/9987) 1997-11-06</p>  |
| <p style="text-align: right;">[21] <b>2,308,509</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/56 6H04Q 11/04</b><br/>[25] EN<br/>[54] <b>METHOD FOR REDUNDANTLY TRANSMITTING ATM CELLS</b><br/>[54] <b>PROCEDE POUR LA TRANSMISSION REDONDANTE DE CELLULES MTA</b><br/>[72] SCHRODER, STEFAN, DE<br/>[71] SIEMENS AKTIENGESELLSCHAFT, DE<br/>[85] 2000-05-01<br/>[86] 1998-09-30 (PCT/DE98/02913)<br/>[87] 1999-05-14 (WO99/23792)<br/>[30] DE (197 48 006.3) 1997-10-30</p>   | <p style="text-align: right;">[21] <b>2,308,583</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B65D 5/06</b><br/>[25] EN<br/>[54] <b>ELEVATED BOTTOM CARTON</b><br/>[54] <b>BRIQUE A BOISSON A FOND ELEVE</b><br/>[72] JOHANSSON, MATS, SE<br/>[72] CHRISTENSEN, CHARLES, US<br/>[72] BORGSTROM, ROLF, SE<br/>[71] TETRA LAVAL HOLDINGS &amp; FINANCE, S.A., CH<br/>[85] 2000-04-20<br/>[86] 1998-10-19 (PCT/US98/22029)<br/>[87] 1999-04-29 (WO99/20536)<br/>[30] US (08/955,063) 1997-10-21<br/>[30] US (09/052,401) 1998-03-31<br/>[30] US (09/128,748) 1998-08-04</p>   |   |

## PCT Applications Entering the National Phase

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| <p style="text-align: right;">[21] <b>2,308,585</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A41H 1/02</b><br/>[25] EN<br/>[54] <b>MULTI-COMPONENT PROTECTIVE GARMENT WITH COMPOSITE STRIKE FACE AND WOVEN BASE</b><br/>[54] <b>GILET DE PROTECTION COMPORTANT DES ELEMENTS MULTIPLES, UNE FACE D'IMPACT COMPOSITE ET UNE BASE TISSEE</b><br/>[72] BACHNER, THOMAS E., JR., US<br/>[71] SECOND CHANCE BODY ARMOR, INC., US<br/>[85] 2000-04-20<br/>[86] 1998-10-22 (PCT/US98/22348)<br/>[87] 1999-05-06 (WO99/21446)<br/>[30] US (08/957,700) 1997-10-24</p>  | <p style="text-align: right;">[21] <b>2,308,590</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04M 3/00 6H04M 15/00 6H04M 1/24 6H04M 1/64</b><br/>[25] EN<br/>[54] <b>METHOD FOR TELEPHONY CALL BLENDING</b><br/>[54] <b>PROCEDE DE MELANGE DES APPELS TELEPHONIQUES</b><br/>[72] KAMEN, VLADIMIR, US<br/>[71] GENESYS TELECOMMUNICATIONS LABORATORIES, INCORPORATED, US<br/>[85] 2000-04-20<br/>[86] 1998-10-22 (PCT/US98/22527)<br/>[87] 1999-05-14 (WO99/23806)<br/>[30] US (08/964,309) 1997-11-04</p> | <p style="text-align: right;">[21] <b>2,308,599</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68 6C12N 15/00 6C07H 21/02 6C07H 21/04</b><br/>[25] EN<br/>[54] <b>DNA POLYMORPHISM IDENTITY DETERMINATION USING FLOW CYTOMETRY</b><br/>[54] <b>IDENTIFICATION DU POLYMORPHISME ADN PAR LA CYTOMETRIE DE FLUX</b><br/>[72] NOLAN, JOHN P., US<br/>[72] CAI, HONG, US<br/>[72] WHITE, P. SCOTT, US<br/>[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US<br/>[85] 2000-04-20<br/>[86] 1998-10-28 (PCT/US98/23143)<br/>[87] 1999-05-06 (WO99/22030)<br/>[30] US (60/063,685) 1997-10-28</p>                |
| <p style="text-align: right;">[21] <b>2,308,587</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H01L 23/40</b><br/>[25] EN<br/>[54] <b>MOUNTING ARRANGEMENT FOR SECURING AN INTEGRATED CIRCUIT PACKAGE TO A HEAT SINK</b><br/>[54] <b>AGENCEMENT DE MONTAGE PERMETTANT DE FIXER UN BOITIER DE CIRCUIT INTEGRE SUR UN DISSIPATEUR THERMIQUE</b><br/>[72] LEIGHTON, LARRY C., US<br/>[72] AHL, BENGT, SE<br/>[72] MOLLER, THOMAS W., US<br/>[71] ERICSSON, INC., US<br/>[85] 2000-04-20<br/>[86] 1998-10-05 (PCT/US98/20883)<br/>[87] 1999-04-29 (WO99/21225)<br/>[30] US (08/956,193) 1997-10-22</p>    | <p style="text-align: right;">[21] <b>2,308,593</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H01M 12/04</b><br/>[25] EN<br/>[54] <b>BATTERY SYSTEM</b><br/>[54] <b>SYSTEME DE BATTERIE</b><br/>[72] HASVOLD, OISTEIN, NO<br/>[71] DEN NORSKE STATS OLJESELSKAP A.S., NO<br/>[85] 2000-04-20<br/>[86] 1998-10-12 (PCT/NO98/00309)<br/>[87] 1999-04-29 (WO99/21242)<br/>[30] NO (974905) 1997-10-23</p>   | <p style="text-align: right;">[21] <b>2,308,600</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38 6H04B 7/26</b><br/>[25] EN<br/>[54] <b>RANDOM ACCESS IN A MOBILE TELECOMMUNICATIONS SYSTEM</b><br/>[54] <b>ACCES ALEATOIRE DANS UN SYSTEME DE TELECOMMUNICATION RADIOMOBILE</b><br/>[72] DAHLMAN, ERIK BENGT LENNART, SE<br/>[72] JAMAL, KARIM, SE<br/>[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE<br/>[85] 2000-04-20<br/>[86] 1998-10-23 (PCT/SE98/01921)<br/>[87] 1999-04-29 (WO99/21375)<br/>[30] SE (9703872-3) 1997-10-23<br/>[30] US (60/063,024) 1997-10-23<br/>[30] US (09/169,731) 1998-10-09</p> |
| <p style="text-align: right;">[21] <b>2,308,588</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/70</b><br/>[25] EN<br/>[54] <b>POLYMERS CONTAINING ANTIMICROBIAL AGENTS AND METHODS FOR MAKING AND USING SAME</b><br/>[54] <b>POLYMERES CONTENANT DES AGENTS ANTIMICROBIENS ET PROCEDES DE FABRICATION ET D'UTILISATION DE CES POLYMERES</b><br/>[72] CRAVER, WILLIAM E., III, US<br/>[72] SEABROOK, SAMUEL G., JR., US<br/>[71] MAGELLAN COMPANIES, INC., US<br/>[85] 2000-04-20<br/>[86] 1998-10-20 (PCT/US98/22157)<br/>[87] 1999-04-29 (WO99/20258)<br/>[30] US (08/953,908) 1997-10-20</p> | <p style="text-align: right;">[21] <b>2,308,596</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B01D 63/02 6B01D 63/10 6B01D 53/22</b><br/>[25] EN<br/>[54] <b>HOLLOW FIBER CONTACTOR AND PROCESS</b><br/>[54] <b>MODULE DE MISE EN CONTACT A FIBRES CREUSES ET PROCEDE CORRESPONDANT</b><br/>[72] ASHER, WILLIAM J., US<br/>[71] GAS RESEARCH INSTITUTE, US<br/>[85] 2000-04-20<br/>[86] 1997-10-27 (PCT/US97/19664)<br/>[87] 1999-05-06 (WO99/21644)</p>   |  |

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[21] **2,308,602**  
[13] A1

[51] **Int.Cl. 6H04Q 7/22**  
[25] EN  
[54] **SYSTEM AND METHOD OF ROUTING EMERGENCY SERVICES CALLS IN A RADIO TELECOMMUNICATIONS NETWORK**  
[54] **SYSTEME ET PROCEDE D'ACHEMINEMENT D'APPELS D'URGENCE DANS UN RESEAU DE RADIOTELECOMMUNICATION**  
[72] PAVON, GUSTAVO, US  
[72] HOUDE, MICHEL, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-04-20  
[86] 1998-10-20 (PCT/SE98/01887)  
[87] 1999-04-29 (WO99/21380)  
[30] US (08/956,085) 1997-10-22

[21] **2,308,606**  
[13] A1

[51] **Int.Cl. 6C12N 15/31 6A61K 39/095 6C07K 16/12 6C07K 14/22**  
[25] EN  
[54] **NEISSERIAL ANTIGENS**  
[54] **ANTIGENES DE NEISSERIA**  
[72] RAPPUOLI, RINO, IT  
[72] GRANDI, GUIDO, IT  
[72] SCARLATO, VINCENZO, IT  
[72] MASIGNANI, VEGA, IT  
[72] PIZZA, MARIAGRAZIA, IT  
[71] CHIRON S.P.A., IT  
[85] 2000-05-04  
[86] 1998-10-09 (PCT/IB98/01665)  
[87] 1999-05-20 (WO99/24578)  
[30] GB (9723516.2) 1997-11-06  
[30] GB (9724190.5) 1997-11-14  
[30] GB (9724386.9) 1997-11-18  
[30] GB (9725158.1) 1997-11-27  
[30] GB (9800759.4) 1998-01-14  
[30] GB (9726147.3) 1997-12-10  
[30] GB (9819016.8) 1998-09-01

[21] **2,308,609**  
[13] A1

[51] **Int.Cl. 6B29C 44/44 6B29C 44/14**  
[25] EN  
[54] **MOLDED POLYOLEFIN AND POLYPHENYLOXIDE PRODUCTS AND METHOD FOR PRODUCTION**  
[54] **PRODUITS DE POLYOLEFINE ET POLYPHENYLOXYDE MOULES ET PROCEDE DE FABRICATION**  
[72] ARETZ, PETER J., US  
[72] SOUDERS, JOHN D., US  
[71] BUFFALO MOLDED PLASTICS, INC., US  
[85] 2000-05-04  
[86] 1998-10-22 (PCT/US98/22431)  
[87] 1999-05-14 (WO99/22923)  
[30] US (08/963,955) 1997-11-04

[21] **2,308,612**  
[13] A1

[51] **Int.Cl. 6A23K 1/14 6A23K 1/18**  
[25] EN  
[54] **PET FOOD CONTAINING CHICORY**  
[54] **ALIMENT CONTENANT DE LA CHICOREE POUR ANIMAUX DOMESTIQUES**  
[72] FONE, JANEL, GB  
[71] MARS UK LIMITED, GB  
[85] 2000-04-25  
[86] 1998-10-30 (PCT/GB98/03256)  
[87] 1999-05-14 (WO99/22604)  
[30] GB (9723059.3) 1997-10-31

[21] **2,308,613**  
[13] A1

[51] **Int.Cl. 6H01M 4/58**  
[25] EN  
[54] **TRANSITION METAL-BASED CERAMIC MATERIAL AND ARTICLES FABRICATED THEREFROM**  
[54] **MATERIAU CERAMIQUE A BASE DE METAL DE TRANSITION ET ARTICLES PRODUITS A L'AIDE DE CELLE-CI**  
[72] WIXOM, MICHAEL R., US  
[72] THOMPSON, LEVI T., US  
[71] T/J TECHNOLOGIES INC., US  
[85] 2000-04-25  
[86] 1997-10-30 (PCT/US97/19817)  
[87] 1999-05-14 (WO99/23712)

[21] **2,308,619**  
[13] A1

[51] **Int.Cl. 6G01B 11/00 6G06T 7/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THREE-DIMENSIONAL COLOR SCANNING**  
[54] **PROCEDE ET APPAREIL DESTINES AU SCANNAGE COULEUR TRIDIMENSIONNEL**  
[72] MUELLER, FREDERICK E., US  
[72] MIRAMONTI, JOHN L., US  
[71] WAVEWORX, INC., US  
[85] 2000-04-25  
[86] 1997-10-24 (PCT/US97/19331)  
[87] 1998-04-30 (WO98/17970)  
[30] US (08/738,437) 1996-10-25

[21] **2,308,622**  
[13] A1

[51] **Int.Cl. 7B30B 9/20 7B01D 29/01 7C02F 11/12 7B01D 29/62**  
[25] EN  
[54] **CONTINUOUS SQUEEZE-DEWATERING DEVICE**  
[54] **DISPOSITIF D'EGOUTTAGE PAR SERRAGE CONTINU**  
[72] NASU, MASAFUMI, JP  
[72] FUJITA, KUNIO, JP  
[72] MORI, TOORU, JP  
[72] KATAYAMA, MASAYOSHI, JP  
[72] ISHIGAKI, EIICHI, JP  
[71] ISHIGAKI COMPANY LIMITED, JP  
[85] 2000-05-04  
[86] 1999-09-17 (PCT/JP99/05077)  
[87] 2000-03-30 (WO00/16970)  
[30] JP (10/263014) 1998-09-17  
[30] JP (10/296477) 1998-10-19

[21] **2,308,624**  
[13] A1

[51] **Int.Cl. 6F04B 49/22**  
[25] EN  
[54] **COMPRESSOR SYSTEM AND METHOD AND CONTROL FOR SAME**  
[54] **SYSTEMES DE COMPRESSEUR, LEUR COMMANDE, ET LES PROCEDES CORRESPONDANTS**  
[72] MOFFAT, PAUL G., US  
[72] CENTERS, STEVEN D., US  
[71] COLTEC INDUSTRIES INC., US  
[85] 2000-04-25  
[86] 1998-10-27 (PCT/US98/22816)  
[87] 1999-05-06 (WO99/22138)  
[30] US (60/066,008) 1997-10-28  
[30] US (09/179523) 1998-10-27



## PCT Applications Entering the National Phase

[21] **2,308,625**  
[13] A1

[51] **Int.Cl. 6B29C 59/04 6B29D 11/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MAKING LENTICULAR PLASTICS**  
[54] **METHODE ET APPAREIL POUR FABRIQUER DES MATIERES PLASTIQUES LENTICULAIRES**  
[72] KARSZES, WILLIAM M., US  
[71] KARSZES, WILLIAM M., US  
[85] 2000-05-04  
[86] 1997-11-05 (PCT/US97/20105)  
[87] 1999-05-14 (WO99/22931)

[21] **2,308,627**  
[13] A1

[51] **Int.Cl. 6D01F 6/84 6C08L 67/02 6C08G 63/199 6D01F 6/92**  
[25] EN  
[54] **COPOLYESTER BINDER FIBERS**  
[54] **FIBRES DE LIAISON EN COPOLYESTERS**  
[72] HAILE, WILLIAM ALSTON, US  
[72] MCCONNELL, RICHARD LEON, US  
[72] DEAN, LERON RONNIE, US  
[71] EASTMAN CHEMICAL COMPANY, US  
[85] 2000-05-04  
[86] 1998-11-06 (PCT/US98/23599)  
[87] 1999-05-20 (WO99/24648)  
[30] US (60/064,717) 1997-11-06

[21] **2,308,628**  
[13] A1

[51] **Int.Cl. 6A61L 31/00 6A61N 1/18**  
[25] EN  
[54] **CONFORMALLY COATED IMPLANTABLE MEDICAL DEVICE**  
[54] **DISPOSITIF MEDICAL IMPLANTABLE A REVETEMENT CONFORME AVEC FENETRE HAUTE DEFINITION**  
[72] GRAVES, RICHARD M., US  
[72] HERBER, MARTIN C., US  
[71] INTERMEDICS INC., US  
[85] 2000-05-04  
[86] 1998-11-06 (PCT/US98/23651)  
[87] 1999-05-20 (WO99/24082)  
[30] US (08/966,134) 1997-11-07

[21] **2,308,629**  
[13] A1

[51] **Int.Cl. 7A61B 19/00**  
[25] EN  
[54] **APPARATUS FOR FRAMELESS STEREOTACTIC SURGERY**  
[54] **APPAREIL POUR CHIRURGIE STEREOTAXIQUE SANS CADRE**  
[72] OLIVIER, ANDRE, CA  
[72] HYNES, BRIAN, CA  
[71] OLIVIER, ANDRE, CA  
[71] HYNES, BRIAN, CA  
[85] 2000-05-04  
[86] 1999-09-09 (PCT/CA99/00821)  
[87] 2000-03-23 (WO00/15132)  
[30] US (09/152,243) 1998-09-11

[21] **2,308,630**  
[13] A1

[51] **Int.Cl. 6G01V 7/12 6G01C 9/12 6G01S 5/16 6G01S 5/18**  
[25] EN  
[54] **DEVICE FOR REFERENCING A SYSTEM OF CO-ORDINATES**  
[54] **DISPOSITIF DE REFERENCEMENT D'UN SYSTEME DE COORDONNEES**  
[72] HOFSTETTER, ROBERT, CH  
[71] SYNTHES (U.S.A.), US  
[85] 2000-05-04  
[86] 1997-11-04 (PCT/CH97/00418)  
[87] 1999-05-14 (WO99/23452)

[21] **2,308,631**  
[13] A1

[51] **Int.Cl. 6H04B 7/26 6H04B 7/216 6H04B 1/707**  
[25] EN  
[54] **RAPID SIGNAL ACQUISITION AND SYNCHRONIZATION FOR ACCESS TRANSMISSIONS**  
[54] **ACQUISITION ET SYNCHRONISATION RAPIDES DE SIGNAUX DANS DES TRANSMISSIONS A ACCES**  
[72] ZEHAVI, EPHRAIM, IL  
[72] SKINNER, GORDON (Deceased), ZZ  
[71] QUALCOMM INCORPORATED, US  
[85] 2000-05-04  
[86] 1998-11-10 (PCT/US98/23848)  
[87] 1999-05-20 (WO99/25079)  
[30] US (60/065,194) 1997-11-10  
[30] US (09/098,631) 1998-06-16

[21] **2,308,632**  
[13] A1

[51] **Int.Cl. 6F02B 27/02 6F16K 5/04 6F02D 9/16**  
[25] EN  
[54] **DRUM CONTROLLER**  
[54] **TAMBOUR D'OUVERTURE OU DE FERMETURE**  
[72] JESSBERGER, THOMAS, DE  
[72] NEUSCHWANDER, HELMUT, DE  
[72] RENTSCHLER, KLAUS, DE  
[71] FILTERWERK MANN & HUMMEL GMBH, DE  
[85] 2000-04-25  
[86] 1998-10-20 (PCT/EP98/06608)  
[87] 1999-04-29 (WO99/20879)  
[30] DE (197 46 217.0) 1997-10-21

[21] **2,308,633**  
[13] A1

[51] **Int.Cl. 6C08L 67/02 6C08K 9/06**  
[25] EN  
[54] **POLYESTER RESIN COMPOSITIONS AND PROCESSES FOR THE PREPARATION THEREOF**  
[54] **COMPOSITIONS DE RESINES DE POLYESTER ET LEUR PROCEDE DE PREPARATION**  
[72] SUZUKI, NORIYUKI, JP  
[71] KANEKA CORPORATION, JP  
[85] 2000-04-25  
[86] 1998-10-28 (PCT/JP98/04869)  
[87] 1999-05-14 (WO99/23162)  
[30] JP (9/298529) 1997-10-30  
[30] JP (9/310137) 1997-11-12

[21] **2,308,636**  
[13] A1

[51] **Int.Cl. 6A61B 17/17 6A61B 5/103 6A61B 5/107**  
[25] EN  
[54] **VIRTUAL REPRESENTATION OF A BONE OR A BONE JOINT**  
[54] **REPRESENTATION VIRTUELLE D'UN OS OU D'UNE ARTICULATION**  
[72] SATI, MARWIN, CH  
[71] SYNTHES (U.S.A.), US  
[85] 2000-05-04  
[86] 1997-11-05 (PCT/EP97/06107)  
[87] 1999-05-20 (WO99/23956)

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[21] **2,308,637**

[13] A1

[51] **Int.Cl. 6C12Q 1/42 6C07G 3/00  
6A61K 38/00 6C07K 1/00 6A01N 25/00  
6A01N 43/04 6C12Q 1/34 6C12Q 1/48**  
[25] EN  
[54] **METHODS AND COMPOSITIONS  
FOR TARGETING DNA METABOLIC  
PROCESSES USING  
AMINOGLYCOSIDE DERIVATIVES**  
[54] **PROCEDES ET COMPOSITIONS  
POUR CIBLER LES PROCESSUS  
METABOLIQUES DES ADN AU MOYEN  
DE DERIVES D'AMINOGLUCOSIDES**  
[72] HOCKENSMITH, JOEL W., US  
[72] MUTHUSWAMI, ROHINI, US  
[71] THE UNIVERSITY OF VIRGINIA  
PATENT FOUNDATION, US  
[85] 2000-04-25  
[86] 1998-10-28 (PCT/US98/23341)  
[87] 1999-05-14 (WO99/23246)  
[30] US (60/063,898) 1997-10-31  
[30] US (09/060,470) 1998-04-15  
[30] US (09/179,558) 1998-10-27

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[21] **2,308,638**

[13] A1

[51] **Int.Cl. 6H04B 10/00 6G02F 2/00**  
[25] EN  
[54] **OPTICAL WAVELENGTH  
CONVERTER**  
[54] **CONVERTISSEURS DE  
LONGUEURS D'ONDE OPTIQUE**  
[72] MARTINELLI, MARIO, IT  
[72] BOFFI, PIERPAOLO, IT  
[72] MARAZZI, LUCIA, IT  
[71] PIRELLI CAVI E SISTEMI S.P.A., IT  
[85] 2000-05-04  
[86] 1998-11-05 (PCT/EP98/06970)  
[87] 1999-05-20 (WO99/25081)  
[30] EP (97119344.6) 1997-11-05  
[30] US (60/065,060) 1997-11-10

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[21] **2,308,639**

[13] A1

[51] **Int.Cl. 6A61K 31/415 6A61K 31/18  
6A61K 31/365 6A61K 31/42 6A61K 31/44  
6A61K 31/50**  
[25] EN  
[54] **SELECTIVE CYCLOOXYGENASE-  
2 INHIBITORS AGAINST PREMATURE  
LABOR**  
[54] **INHIBITEURS SELECTIFS DE  
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PRETERME**  
[72] NEEDLEMAN, PHILIP, US  
[72] MASFERRER, JAIME, US  
[71] G.D. SEARLE & CO., US  
[85] 2000-04-25  
[86] 1998-10-27 (PCT/US98/22246)  
[87] 1999-05-14 (WO99/22720)  
[30] US (60/063,889) 1997-10-31

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[21] **2,308,640**

[13] A1

[51] **Int.Cl. 6H01M 2/02**  
[25] EN  
[54] **METHOD OF MANUFACTURING  
ENCLOSED BATTERY AND  
ENCLOSED BATTERY**  
[54] **PROCEDE DE FABRICATION  
D'UNE BATTERIE FERMEE ET  
BATTERIE FERMEE AINSI PRODUITE**  
[72] YAMAMOTO, YASUAKI, JP  
[72] HOSOKAWA, HIROSHI, JP  
[72] SHINOHARA, WATARU, JP  
[72] YAMAUCHI, YASUHIRO, JP  
[71] SANYO ELECTRIC CO., LTD., JP  
[85] 2000-05-04  
[86] 1998-11-06 (PCT/JP98/04990)  
[87] 1999-05-20 (WO99/25035)  
[30] JP (9-306183) 1997-11-07  
[30] JP (10-279095) 1998-09-30  
[30] JP (10-279094) 1998-09-30

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[21] **2,270,763**  
[13] A1

[51] Int.Cl. 6H04J 15/00 6H04B 7/155  
6H04N 7/173 6H04Q 7/36  
[25] EN  
[54] METHOD AND APPARATUS FOR  
DATA COMMUNICATION  
[54] PROCEDE ET APPAREIL POUR LA  
COMMUNICATION DE DONNEES  
[72] SYDOR, John T., CA  
[71] HER MAJESTY IN RIGHT OF  
CANADA AS REPRESENTED BY THE  
MINISTER OF INDUSTR, CA  
[22] 1999-05-04  
[43] 1999-11-05  
[30] CA (2,237,225) 1998-05-05

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[21] **2,304,834**  
[13] A1

[51] Int.Cl. 7B08B 3/04 7B60P 3/00 7B60S  
3/04 7B08B 3/14  
[25] EN  
[54] MOBILE APPARATUS FOR  
COLLECTING USED FLUID THAT HAS  
BEEN APPLIED TO AN ARTICLE  
[54] APPAREIL MOBILE POUR LA  
COLLECTE D'UN FLUIDE USE AYANT  
ETE APPLIQUE SUR UN ARTICLE  
[72] LATIMER, DOUGLAS, CA  
[71] LATIMER, DOUGLAS, CA  
[22] 1992-12-07  
[43] 1993-02-11  
[62] 2,226,395  
[30] US (07/909,342) 1992-07-06

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[21] **2,307,976**  
[13] A1

[51] Int.Cl. 7C07D 401/04  
[25] EN  
[54] NOVEL PRODUCTION  
INTERMEDIATE AND PROCESS FOR  
PRODUCING PYRIDINE DERIVATIVE  
[54] NOUVEL INTERMEDIAIRE POUR  
LA PRODUCTION D'UN DERIVE DE  
PYRIDINE ET PROCEDE POUR  
PRODUIRE CE DERIVE  
[72] KAJITANI, MAKOTO, JP  
[72] KEM, WILLIAM R., US  
[72] MARUHASHI, KAZUO, JP  
[72] WATANABE, SYOTARO, JP  
[72] LEE, HUN JU, US  
[71] TAIHO PHARMACEUTICAL CO.,  
LTD., JP  
[71] UNIVERSITY OF FLORIDA, US  
[22] 1995-09-21  
[43] 1996-03-28  
[62] 2,200,604  
[30] JP (HEI 6-252726) 1994-09-22

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[21] **2,282,087**  
[13] A1

[51] Int.Cl. 6E04G 15/04 6E02D 29/12  
[25] EN  
[54] MANHOLE STEP INSERT FOR  
PREVENTING SEEPAGE DURING  
MANUFACTURE OF A CAST MEMBER  
AND TO PROVIDE A STEP INSERT  
HAVING INCREASED STRUCTURAL  
AND HOLDING STRENGTH  
[54] TROU D'HOMME AVEC POINT  
D'INSERTION INCORPORE AFIN DE  
PREVENIR LE SUIITEMENT DURANT  
LA FABRICATION LORS DE LA  
COULEE ET POUR AVOIR DES POINTS  
D'INSERTION AYANT UNE PLUS  
GRANDE FORCE STRUCTURAL ET  
UNE RESISTANCE ACCRUE  
[72] KELLY, JAMES A., US  
[72] WESTHOFF, JAMES A., US  
[71] KELLY, JAMES A., US  
[71] WESTHOFF, JAMES A., US  
[22] 1999-09-14  
[43] 2000-03-15  
[30] US (60/100,324) 1998-09-15

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[21] **2,307,939**  
[13] A1

[51] Int.Cl. 7E05G 1/10  
[25] EN  
[54] INVENTORIAL-OBJECT  
CONTROL AND TRACKING SYSTEM  
[54] SYSTEME DE CONTROLE ET DE  
SUIVI D'OBJETS INVENTORIALS  
[72] MALONEY, WILLIAM C., US  
[71] KEY-TRAK, INC., US  
[22] 1996-09-05  
[43] 1997-03-13  
[62] 2,230,069  
[30] US (60/003,429) 1995-09-08

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[21] **2,307,979**  
[13] A1

[51] Int.Cl. 7C07D 213/50  
[25] EN  
[54] NOVEL PRODUCTION  
INTERMEDIATE AND PROCESS FOR  
PRODUCING PYRIDINE DERIVATIVE  
[54] NOUVEL INTERMEDIAIRE POUR  
LA PRODUCTION D'UN DERIVE DE  
PYRIDINE ET PROCEDE POUR  
PRODUIRE CE DERIVE  
[72] MARUHASHI, KAZUO, JP  
[72] WATANABE, SYOTARO, JP  
[72] KAJITANI, MAKOTO, JP  
[72] LEE, HUN JU, US  
[72] KEM, WILLIAM R., US  
[71] UNIVERSITY OF FLORIDA, US  
[71] TAIHO PHARMACEUTICAL CO.,  
LTD., JP  
[22] 1995-09-21  
[43] 1996-03-28  
[62] 2,200,604  
[30] JP (HEI 6-252726) 1994-09-22

## Canadian Divisional and Previously Unavailable Laid-Open applications

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[21] **2,308,021**  
[13] A1  
[51] **Int.Cl. 7G03B 37/04 7H04N 7/15**  
**7G02B 27/18**  
[25] EN  
[54] **SPHERICAL VIEWING/  
PROJECTION APPARATUS**  
[54] **APPAREIL DE VISUALISATION/  
PROJECTION SPHERIQUE**  
[72] NALWA, VISHVJIT S., US  
[71] AT&T CORP., US  
[22] 1996-10-15  
[43] 1997-05-31  
[62] 2,187,834  
[30] US (08/565,501) 1995-11-30

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[21] **2,308,028**  
[13] A1  
[51] **Int.Cl. 7G03B 37/04 7H04N 7/15**  
**7G02B 27/18**  
[25] EN  
[54] **SPHERICAL VIEWING/  
PROJECTION APPARATUS**  
[54] **APPAREIL DE VISUALISATION/  
PROJECTION SPHERIQUE**  
[72] NALWA, VISHVJIT S., US  
[71] AT&T CORP., US  
[22] 1996-10-15  
[43] 1997-05-31  
[62] 2,187,834  
[30] US (08/565,501) 1995-11-30

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[21] **2,308,228**  
[13] A1  
[51] **Int.Cl. 7H01S 5/0683 7H01S 5/026**  
[25] EN  
[54] **FIBRE GRATING STABILIZED  
DIODE LASER**  
[54] **DIODE LASER STABILISEE PAR  
UN RESEAU SUR UNE FIBRE**  
[72] VENTRUDO, BRIAN F., CA  
[72] ROGERS, GRANT, CA  
[71] SDL, INC., US  
[22] 1995-06-28  
[43] 1996-01-11  
[62] 2,191,190  
[30] US (08/267,785) 1994-06-28

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[21] **2,308,242**  
[13] A1  
[51] **Int.Cl. 7H04L 12/16 7G06F 17/40**  
[25] EN  
[54] **APPARATUS AND METHOD FOR  
AUTOMATED AGGREGATION AND  
DELIVERY OF AND TRANSACTIONS  
INVOLVING ELECTRONIC  
PERSONAL INFORMATION OR DATA**  
[54] **APPAREIL ET METHODE POUR  
L'AGGREGATION AUTOMATISE ET  
LA LIVRAISON DE ET  
TRANSACTIONS CONCERNANT LES  
DONNEES OU L'INFORMATION  
PERSONNEL ELECTRONIQUE**  
[72] BURSON, ROBERT, US  
[72] PARNAS, LEON, US  
[72] RAJAN, PALANISWAMY, US  
[72] ULBERG, DIMA, US  
[72] KAIB, PAUL, US  
[72] FREISHTAT, GREGG, US  
[71] VERTICALONE CORPORATION, US  
[22] 1999-10-27  
[43] 2000-05-04  
[62] 2,306,083  
[30] US (60/105,917) 1998-10-28  
[30] US (60/134,395) 1999-05-17

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[21] **2,308,246**  
[13] A1  
[51] **Int.Cl. 7H04L 12/16 7G06F 17/40**  
[25] EN  
[54] **SYSTEM AND METHOD FOR  
AUTOMATED ACCESS TO PERSONAL  
INFORMATION**  
[54] **SYSTEME ET METHODE POUR  
L'ACCES AUTOMATISE A DE  
L'INFORMATION PERSONNELLE**  
[72] ULBERG, DIMA, US  
[72] KAIB, PAUL, US  
[72] BURSON, ROBERT, US  
[72] RAJAN, PALANISWAMY, US  
[72] FREISHTAT, GREGG, US  
[72] PARNAS, LEON, US  
[71] VERTICALONE CORPORATION, US  
[22] 1999-10-27  
[43] 2000-05-04  
[62] 2,306,083  
[30] US (60/105,917) 1998-10-28  
[30] US (60/134,395) 1999-05-17

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[21] **2,309,314**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/12**  
[25] EN  
[54] **A MESSAGE TRANSMISSION  
SYSTEM AND METHOD FOR A  
RADIOCOMMUNICATION SYSTEM**  
[54] **SYSTEME ET PROCEDE DE  
TRANSMISSION DE MESSAGES POUR  
SYSTEME DE  
RADIOCOMMUNICATIONS**  
[72] FEHNEL, MICHAEL D., US  
[72] TURCOTTE, JOSEPH ERIC, CA  
[71] TELEFONAKTIEBOLAGET LM  
ERICSSON, SE  
[22] 1994-11-01  
[43] 1995-05-11  
[62] 2,152,942  
[30] US (08/147,254) 1993-11-01  
[30] US (08/331,952) 1994-10-31

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[21] **2,309,333**  
[13] A1  
[51] **Int.Cl. 7H04L 12/22 7H04L 9/32**  
[25] EN  
[54] **A MESSAGE TRANSMISSION  
SYSTEM AND METHOD FOR A  
RADIOCOMMUNICATION SYSTEM**  
[54] **SYSTEME ET PROCEDE DE  
TRANSMISSION DE MESSAGES POUR  
SYSTEME DE RADIOCOM  
UNICATIONS**  
[72] FEHNEL, MICHAEL D., US  
[72] TURCOTTE, JOSEPH ERIC, CA  
[71] TELEFONAKTIEBOLAGET LM  
ERICSSON, SE  
[22] 1994-11-01  
[43] 1995-05-11  
[62] 2,152,942  
[30] US (08/147,254) 1993-11-01  
[30] US (08/331,952) 1994-10-31

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