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

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

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

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

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

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## Notices

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

#### Dates

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

#### Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
  
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
  
- [43] - Date of publication by printing or similar process of an unexamined document on which no grant has taken place on or before the said date
  
- [45] - Date of Issue
- [48] - Reissue Grant Date
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

## Avis

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

#### Dates

Toutes dates figurant aux en-têtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 2000, par exemple, sera représenté par 2000-01-02.

#### Chiffres de code

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

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

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
  
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris
  
- [43] - Date de publication, par impression ou par un procédé similaire, d'un document non examiné, n'ayant encore donné lieu à la délivrance d'aucun titre à la date en question ou avant
  
- [45] - Date de délivrance
- [48] - Date de redélivrance
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Noms(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

## Avis

### 2. Country Codes

A complete list of country codes has been published in the October 24, 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 24 octobre 2000 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

### 3. Liste des classes canadiennes

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

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

### 4. Listes et définitions des classes

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

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

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

#### A) Copies sur papier

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

## Notices

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

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

E-mail: tic@micromedia.on.ca

### B) Microform Copies

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

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

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

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

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

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

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### B) Copies en microforme

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

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

- Précis de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Pages couvertures, revendications et dessins de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
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### 6. Commandes de brevets par classe ou sous-classe

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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 :

2,197,797  
2,211,974 issued on October 17, 2000  
2,216,034 issued on March 23, 1999

### 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. 1,156,800 which issued on November 7, 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

2,197,797  
2,211,974 émis le 17 octobre 2000  
2,216,034 émis le 23 mars 1999

### 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 7 novembre 1983 sont maintenant expirés, jusque et y compris le no. 1,156,800. 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 NOVEMBER 01, 2000**

**BARÈME DE TAXES À PARTIR DU  
1 NOVEMBRE 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	

<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. International Search Fee** 1,249.00  
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.

**4. Taxe de recherche internationale** 1 249,00  
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.

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.

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

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

**Preliminary Examination**

**Examen préliminaire**

**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

**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

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

Les taxes d'examen préliminaire sont payables en Deutsche Marks ou en Euro Dollars. Elles doivent être payées à l'Office européen des brevets mais peuvent être payées au Office Receveur de Canada.

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

\*Les frais seront réduits par 197,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

## Notices

### 15. PCT Notices

#### **PCT Signature Requirements**

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

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

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

### 15. Avis PCT

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

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>.

## Avis

### **16. 2001 Patent Agent Examination**

Under the provisions of subsection 2 of Section 14 of the Patent Rules, notice is hereby given that the 2001 qualifying examination for registration as a Patent Agent will be held on April 3, 4, 5 and 6, 2001. A person who proposes to sit for the 2001 examination must apply to the Commissioner of Patents and pay the prescribed fee (\$200). The deadline to apply is November 30, 2000.

### **17. Laid-Open Applications**

The Patent Office Record of November 7, 2000 contains laid-open applications from October 15, 2000 - October 21, 2000 .

### **16. Examen d'agents de brevets 2001**

Selon les dispositions du paragraphe 2 de l'article 14 des Règles sur les brevets, avis est par la présente donné que l'examen 2001 d'évaluation des compétences à titre d'agent de brevets sera tenu les 3, 4, 5 et 6 avril 2001. Une personne désireuse de subir l'examen 2001 doit en aviser le commissaire aux brevets et payer la taxe prescrite (200 \$). La date limite pour présenter sa demande est le 30 novembre 2000.

### **17. 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 15 octobre 2000 - 21 octobre 2000.

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[54] **METHODE ET DISPOSITIF POUR LA PREPARATION D'UN CONCENTRE DE FIBRINOGENE A PARTIR DU PLASMA SANGUIN ET METHODE POUR LA PREPARATION DU FIBRINOGENE A PARTIR DUDIT CONCENTRE**  
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[73] Manchem Limited, GB  
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[72] Chen, Hwang-Hsing, US  
[72] May, Jesse Albert, US  
[72] Dantanarayana, Anura Pathmaciri, US  
[72] Kuzmich, Daniel, US  
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[73] BTG INTERNATIONAL LIMITED, GB  
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[72] Lang, Michael, US  
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[25] FR  
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[54] **CERIX OXIDE-BASED COMPOSITION, ITS PREPARATION AND ITS USE**  
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[72] Chopin, Thierry, FR  
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[73] RHÔNE-POULENC CHIMIE, FR  
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[25] FR  
[54] **PROCEDE ET DISPOSITIF POUR TRANSFORMER UNE MATIERE PREMIERE CONTENANT AU MOINS DEUX MATIERES THERMOPLASTIQUES DIFFERENTES EN UNE NOUVELLE MATIERE THERMOPLASTIQUE HOMOGENE**  
[54] **PROCESS AND DEVICE FOR TRANSFORMING A RAW MATERIAL CONTAINING AT LEAST TWO DIFFERENT THERMOPLASTIC MATERIALS INTO A NEW HOMOGENEOUS THERMOPLASTIC MATERIAL**  
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[72] Mariani, Cinzia Licia, IT  
[73] BAMI INTELLIGENCE S.A., PA  
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[87] (WO92/18310)  
[30] IT (TO91A000288) 1991-04-16

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[11] **2,085,486**  
[13] C

[51] **Int.Cl. 5B65H 75/34**  
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[54] **DISPOSITIF SERVANT A RANGER DE GROS CABLES**  
[72] Fladung, Manfred, DE  
[73] Manfred Fladung GmbH, DE  
[85] 1992-12-15  
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[11] **2,086,430**  
[13] C

[51] **Int.Cl. 5H04N 1/44 5G09C 5/00 5G06K 19/00 5H04L 9/32**  
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[54] **SYSTEM FOR THE SECURE STORAGE AND TRANSMISSION OF DATA**  
[54] **SYSTEME DE STOCKAGE ET DE TRANSMISSION DE DONNEES PROTEGE**  
[72] Soltesz, John A., US  
[73] Soltesz, John A., US  
[85] 1992-12-29  
[86] 1991-07-02 (PCT/US91/04552)  
[87] (WO92/01278)  
[30] US (547,224) 1990-07-03

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[11] **2,088,058**  
[13] C

[51] **Int.Cl. 5H02M 3/335 5H02M 3/155**  
[25] EN  
[54] **MINIATURIZED SWITCHING POWER SUPPLY HAVING UNIDIRECTIONAL SPIKE FILTER**  
[54] **ALIMENTATION A DECOUPAGE MINIATURISEE MUNIE D'UN FILTRE UNIDIRECTIONNEL DE POINTES DE TENSION**  
[72] Kayser, Kenneth W., US  
[72] Van Antwerp, Joel C., US  
[73] POWER TRENDS, INC., US  
[85] 1993-01-25  
[86] 1991-07-12 (PCT/US91/04821)  
[87] (WO92/02073)  
[30] US (557,937) 1990-07-25

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[11] **2,088,085**  
[13] C

[51] **Int.Cl. 5B01D 17/025 5C07B 37/02**  
[25] EN  
[54] **METHOD FOR SEPARATING CONJUNCT POLYMERIC BYPRODUCTS FROM MIXTURE CONTAINING HYDROFLUORIC ACID AND A SULFONE**  
[54] **METHODE DE SEPARATION DE SOUS-PRODUITS POLYMERIQUES CONJOINTS, D'UN MELANGE CONTENANT DE L'ACIDE FLUORHYDRIQUE ET UN SULFONE**  
[72] Child, Jonathan E., US  
[72] Yurchak, Sergei, US  
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[30] US (833,684) 1992-02-11

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[13] C

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[25] EN  
[54] **PROCESS AND APPARATUS FOR MAKING MINERAL WOOL FIBRES**  
[54] **METHODE ET APPAREIL SERVANT A PRODUIRE DES FIBRES DE LAINE MINERALE**  
[72] Grove-Rasmussen, Svend, DK  
[72] Leth Moller, Per, DK  
[72] Friis Rasmussen, Bruno, DK  
[73] ROCKWOOL INTERNATIONAL A/S, DK  
[85] 1993-03-23  
[86] 1991-09-30 (PCT/EP91/01862)  
[87] (WO92/06047)  
[30] GB (9021168.1) 1990-09-28  
[30] GB (9021169.9) 1990-09-28  
[30] GB (9100883.9) 1991-01-16

[11] 2,092,379  
[13] C

[51] **Int.Cl. 5G05D 23/19**  
[25] EN  
[54] **ELECTRONIC THERMOSTAT HAVING CORRECTION FOR INTERNALLY GENERATED HEAT FROM LOAD SWITCHING**  
[54] **THERMOSTAT ELECTRONIQUE AVEC COMPENSATION DE LA CHALEUR PRODUITE PAR LE COMMUTATEUR**  
[72] Adams, John Thomas, US  
[73] HONEYWELL INC., US  
[22] 1993-03-24  
[30] US (07/878,589) 1992-05-05

[11] 2,095,532  
[13] C

[51] **Int.Cl. 5D04H 1/70**  
[25] EN  
[54] **METHOD OF MANUFACTURING INSULATING BOARDS COMPOSED OF INTERCONNECTED RODSHAPED MINERAL FIBRE ELEMENTS**  
[54] **METHODE DE FABRICATION DE PANNEAUX ISOLANTS COMPOSES D'ELEMENTS DE FIBRES MINERALES EN FORME DE TIGES, RELIES ENTRE EUX**  
[72] Jacobson, Bent, DK  
[72] Norgaard, Luis Jørgen, DK  
[73] ROCKWOOL INTERNATIONAL A/S, DK  
[85] 1993-05-04  
[86] 1991-12-06 (PCT/DK91/00383)  
[87] (WO92/10602)  
[30] DK (DK 2915/90) 1990-12-07

[11] 2,096,023  
[13] C

[51] **Int.Cl. 5H02K 7/065 5F03G 1/10 5G02B 27/40**  
[25] EN  
[54] **GYRATING PROGRAMMABLE SCANNER**  
[54] **BALAYEUR PROGRAMMABLE OSCILLANT**  
[72] Plesko, George A., US  
[73] GEO ACQUISITION CORP., US  
[85] 1993-05-11  
[86] 1991-11-12 (PCT/US91/08504)  
[87] (WO92/09133)  
[30] US (612,983) 1990-11-15

[11] 2,096,893  
[13] C

[51] **Int.Cl. 5H05B 6/70 5F24C 7/02**  
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[54] **WAVE GUIDE SYSTEM OF A MICROWAVE OVEN**  
[54] **GUIDE D'ONDES POUR FOUR A MICRO-ONDES**  
[72] Joo, Pil Don, KR  
[72] Lim, Kyung Sam, KR  
[72] Lee, Kwan Ho, KR  
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[30] KR (3427/1993) 1993-03-08

[11] 2,097,297  
[13] C

[51] **Int.Cl. 5C07C 11/02 5C07C 1/20**  
[25] EN  
[54] **PROCESS FOR PRODUCING 1-OCTENE**  
[54] **PROCEDE DE PRODUCTION DE 1-OCTENE**  
[72] Jacobsen, Grant B., NL  
[72] Pelt, Hendrik L., NL  
[72] Bohley, Robert C., NL  
[72] Schaart, Barend J., NL  
[72] Schenk, Michiel, NL  
[72] Van Oeffelen, Dominicus A. G., NL  
[73] THE DOW CHEMICAL COMPANY, US  
[85] 1993-05-28  
[86] 1990-12-13 (PCT/EP90/02194)  
[87] (WO92/10450)

[11] 2,098,462  
[13] C

[51] **Int.Cl. 5A01K 7/06**  
[25] EN  
[54] **ANIMAL WATERING DEVICE**  
[54] **ABREUVOIR POUR ANIMAUX**  
[72] Hofer, George K., CA  
[73] HUTTERIAN BRETHREN CHURCH OF WHITELAKE, CA  
[22] 1993-06-15

[11] 2,099,808  
[13] C

[51] **Int.Cl. 5D01F 9/127**  
[25] EN  
[54] **VAPOR-GROWN AND GRAPHITIZED CARBON FIBERS, PROCESS FOR PREPARING SAME, MOLDED MEMBERS THEREOF, AND COMPOSITE MEMBERS THEREOF**  
[54] **FIBRES DE CARBONE GRAPHITISEES SOUS VAPEUR, METHODE DE PREPARATION ET ELEMENTS MOULES ET COMPOSITES AINSI OBTENUS**  
[72] Harada, Minoru, JP  
[72] Niiyama, Masanori, JP  
[73] Nikkiso Company Limited, JP  
[22] 1993-07-05  
[30] JP (P4-178687) 1992-07-06

[11] 2,100,568  
[13] C

[51] **Int.Cl. 5H03B 1/00**  
[25] EN  
[54] **INTEGRATED MOSFET RESISTANCE AND OSCILLATOR FREQUENCY CONTROL AND TRIM METHODS AND APPARATUS**  
[54] **METHODES ET DISPOSITIF DE COMMANDE DE RESISTANCE ET DE FREQUENCE D'OSCILLATION POUR CIRCUIT INTEGRE**  
[72] Khan, Sakhawat, US  
[72] Blyth, Trevor, US  
[73] INFORMATION STORAGE DEVICES, INC., US  
[85] 1993-07-14  
[86] 1992-01-21 (PCT/US92/00467)  
[87] (WO92/13387)  
[30] US (644,033) 1991-01-22

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[13] C

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[25] EN  
[54] **REMOTE PROCEDURE CALL  
POOLING WITH SHARED MEMORY**  
[54] **REGROUPEMENT DE DEMANDES  
D'INTERVENTION AU MOYEN D'UNE  
MEMOIRE COMMUNE**  
[72] Russell, Edward A., US  
[72] Tang, Raymond Ting-Foo, US  
[73] SPOTWARE TECHNOLOGY  
CORPORATION, US  
[22] 1993-11-09  
[30] US (08/143,161) 1993-11-03

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[11] **2,103,298**  
[13] C

[51] **Int.Cl. 5C07C 69/96 5H01M 6/16**  
[25] EN  
[54] **NOVEL CARBONATE  
COMPOUNDS, NON-AQUEOUS  
ELECTROLYTIC SOLUTIONS AND  
BATTERIES COMPRISING NON-  
AQUEOUS ELECTROLYTIC  
SOLUTIONS**  
[54] **COMPOSITIONS DE  
CARBONATES, SOLUTIONS  
ELECTROLYTIQUES NON AQUEUSES  
ET ACCUMULATEURS UTILISANT  
DES SOLUTIONS ELECTROLYTIQUES  
NON AQUEUSES**  
[72] Yokoyama, Keiichi, JP  
[72] Hiwara, Akio, JP  
[72] Fujita, Shigeru, JP  
[72] Omaru, Atsuo, JP  
[73] SONY CORPORATION, JP  
[73] MITSUI CHEMICALS, INC., JP  
[22] 1993-11-17  
[30] JP (4-309041) 1992-11-18  
[30] JP (4-309042) 1992-11-18

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[11] **2,104,195**  
[13] C

[51] **Int.Cl. 5G01R 31/08**  
[25] EN  
[54] **COMPUTATIONALLY-EFFICIENT  
DISTANCE RELAY FOR POWER  
TRANSMISSION LINES**  
[54] **RELAIS DE DISTANCE POUR  
LIGNES DE TRANSMISSION  
ELECTRIQUE**  
[72] Schweitzer, Edmund O., III, US  
[73] SCHWEITZER ENGINEERING  
LABORATORIES, INC., US  
[22] 1993-08-16  
[30] US (936,255) 1992-08-27

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[11] **2,105,982**  
[13] C

[51] **Int.Cl. 5F03G 7/06 5F16B 21/06**  
[25] EN  
[54] **HIGH FORCE  
THERMOCHEMICAL ACTUATOR**  
[54] **POSITIONNEUR  
THERMOCHIMIQUE A PUISSANCE  
ELEVEE**  
[72] Schneider, Edward T., US  
[73] Schneider, Edward T., US  
[85] 1993-09-10  
[86] 1991-06-12 (PCT/US91/04178)  
[87] (WO92/17703)  
[30] US (682,423) 1991-04-08

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[11] **2,108,685**  
[13] C

[51] **Int.Cl. 5A47C 27/18 5A47C 27/10  
5A47C 7/58**  
[25] EN  
[54] **MODULAR CUSHION  
CONSTRUCTION WITH FOAMED  
BASE**  
[54] **COUSSIN MODULAIRE A BASE EN  
MOUSSE**  
[72] Graebe, Robert H., US  
[73] Graebe, Robert H., US  
[85] 1993-10-18  
[86] 1992-12-07 (PCT/US92/10523)  
[87] (WO93/16622)  
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[11] **2,109,272**  
[13] C

[51] **Int.Cl. 5B21C 51/00 5B21D 1/10  
5B21D 1/12 5G01B 7/34**  
[25] EN  
[54] **LOCATION METHOD AND PANEL  
PRESSING APPARATUS**  
[54] **METHODE DE LOCALISATION  
DES ENFONCEMENTS ET APPAREIL  
DE DEBOSELAGE PAR PRESSION  
POUR CARROSSERIE AUTOMOBILE**  
[72] Brown, Gordon Clifford, ZA  
[73] Brown, Gordon Clifford, ZA  
[22] 1993-10-26  
[30] ZA (92/8325) 1992-10-28

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[11] **2,110,935**  
[13] C

[51] **Int.Cl. 5B65C 7/00**  
[25] EN  
[54] **TAG ATTACHER**  
[54] **ETIQUETEUSE**  
[72] Kubota, Mikio, JP  
[73] Toska Co., Ltd., JP  
[22] 1993-12-08  
[30] JP (5-47970) 1993-03-09

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[11] **2,111,017**  
[13] C

[51] **Int.Cl. 5C01B 31/18**  
[25] EN  
[54] **PROCESS FOR THE  
PREPARATION OF CARBON  
MONOXIDE RICH GAS**  
[54] **PROCEDE SERVANT A  
PREPARER UN GAZ RICHE EN OXYDE  
DE CARBONE**  
[72] Vannby, Rickard, DK  
[72] Nielsen, Charlotte S., DK  
[73] Haldor Topsøe A/S, DK  
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[30] DK (1489/92) 1992-12-10

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[11] **2,111,694**  
[13] C

[51] **Int.Cl. 5B01D 37/02 5B01D 39/02  
5B05D 1/02 5B05B 15/04**  
[25] EN  
[54] **A FILTERING METHOD AND A  
FILTER DEVICE FOR FILTERING  
LIQUIDS**  
[54] **METHODE DE FILTRAGE ET  
DISPOSITIF DE FILTRAGE DES  
LIQUIDES**  
[72] Handtmann, Thomas, DE  
[73] Handtmann, Thomas, DE  
[85] 1993-12-16  
[86] 1992-06-25 (PCT/EP92/01436)  
[87] (WO93/00146)  
[30] DE (P 41 20 971.0) 1991-06-25

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[11] 2,111,741  
[13] C

[51] Int.Cl. 5B65D 85/38  
[25] EN  
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[54] EMBALLAGE POUR LENTILLES  
OPHTHALMIQUES  
[72] Abrams, Richard, US  
[72] Edwards, Russell J., US  
[72] Ebel, James A., US  
[72] Keene, Darren S., US  
[73] JOHNSON & JOHNSON VISION  
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[22] 1993-12-17  
[30] US (995,607) 1992-12-21

[11] 2,116,580  
[13] C

[51] Int.Cl. 5A47J 31/00 5H02J 3/14  
[25] EN  
[54] APPLIANCE FOR PREPARATION  
OF HOT DRINKS  
[54] APPAREIL DE PREPARATION DE  
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[72] Lüssi, André, CH  
[73] M. SCHAERER A.G., CH  
[85] 1994-02-25  
[86] 1993-07-01 (PCT/CH93/00167)  
[87] (WO94/01028)  
[30] CH (2065/92-4) 1992-07-01

[11] 2,117,382  
[13] C

[51] Int.Cl. 5C09J 123/28 5C09J 5/02  
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[25] EN  
[54] AQUEOUS ADHESIVE  
COMPOSITIONS CONTAINING  
STABILIZED PHENOLIC RESINS  
[54] COMPOSITIONS AQUEUSES  
ADHESIVES RENFERMANT DES  
RESINES PHENOLIQUES  
STABILISEES  
[72] Warren, Patrick A., US  
[73] Lord Corporation, US  
[85] 1994-07-07  
[86] 1993-01-15 (PCT/US93/00376)  
[87] (WO93/15160)  
[30] US (07/828,337) 1992-01-30

[11] 2,118,102  
[13] C

[51] Int.Cl. 5C07C 311/20 5C07D 335/06  
5C07D 401/12 5C07D 409/12 5A61K 31/18  
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30 5A61K 31/33 5C07D 213/55 5C07D 311/  
58 5C07D 233/64  
[25] FR  
[54] NOUVEAUX DERIVES DE 1,2,3,4-  
TETRAHYDRONAPHTHALENE, LEUR  
PROCEDE DE PREPARATION ET LES  
COMPOSITIONS  
PHARMACEUTIQUES QUI LES  
CONTIENNENT  
[54] NEW DERIVATIVES OF 1,2,3,4-  
TETRAHYDRONAPHTHALENE,  
PREPARATION PROCESS THEREOF  
AND PHARMACEUTICAL  
COMPOSITIONS CONTAINING THE  
SAME  
[72] Lavielle, Gilbert, FR  
[72] Dubuffet, Thierry, FR  
[72] Muller, Olivier, FR  
[72] Laubie, Michel, FR  
[72] Verbeuren, Tony, FR  
[72] Simonet, Serge, FR  
[72] Descombes, Jean-Jacques, FR  
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[22] 1994-10-13  
[30] FR (93.12237) 1993-10-15

[11] 2,119,577  
[13] C

[51] Int.Cl. 5H01M 10/48 5H01M 6/02  
5G01R 31/36  
[25] EN  
[54] BATTERY WITH  
ELECTROCHEMICAL TESTER  
[54] BATTERIE A CONTROLEUR  
ELECTROCHIMIQUE  
[72] Kuo, Han Cheng, US  
[72] Chi, Ignacio, US  
[72] Lin, Lifun, US  
[72] Wu, Louis L., US  
[72] Treger, Jack, US  
[73] Duracell Inc., US  
[85] 1994-03-21  
[86] 1992-09-11 (PCT/US92/07757)  
[87] (WO93/06474)  
[30] US (764,610) 1991-09-24  
[30] US (914,900) 1992-07-22  
[30] US (914,943) 1992-07-22  
[30] US (914,944) 1992-07-22

[11] 2,120,211  
[13] C

[51] Int.Cl. 5F16K 1/22  
[25] EN  
[54] ROTARY DISK VALVE  
[54] SOUPE A DISQUE  
[72] Dern, Charles D., US  
[72] Ho, David L., US  
[73] Hull Corporation, US  
[22] 1994-03-29  
[30] US (08/098,145) 1993-07-28

[11] 2,121,195  
[13] C

[51] Int.Cl. 5H04L 29/00 5H04L 1/00  
5H04B 7/005 5H04L 12/28  
[25] EN  
[54] DIGITAL SIGNAL TRANSMISSION  
DEVICE FOR IMPROVEMENT OF  
ANTI-MULTIPATH FEATURE, A  
METHOD OF THE SAME AND DIGITAL  
SIGNAL TRANSMISSION WAVEFORM  
[54] DISPOSITIF ET METHODE DE  
TRANSMISSION DE SIGNAUX  
NUMERIQUES A REJET ACCRU DES  
SIGNAUX INDIRECTS ET FORME  
D'ONDE DE TRANSMISSION DE  
SIGNAUX NUMERIQUE  
[72] Takai, Hitoshi, JP  
[72] Urabe, Yoshio, JP  
[72] Yamasaki, Hidetoshi, JP  
[73] MATSUSHITA ELECTRIC  
INDUSTRIAL CO., LTD., JP  
[22] 1994-04-13  
[30] JP (5-087409) 1993-04-14

[11] 2,121,285  
[13] C

[51] Int.Cl. 5C09K 3/24  
[25] EN  
[54] ARTIFICIAL SNOWSEED AND  
METHOD FOR MAKING ARTIFICIAL  
SNOW  
[54] GRANULES POUR FABRIQUER DE  
LA NEIGE ARTIFICIELLE  
[72] Kambayashi, Taiji, JP  
[72] Mekata, Hideyuki, JP  
[72] Umezu, Hiroaki, JP  
[72] Matsunaga, Hiroshi, JP  
[73] Osaka Organic Chemical Industry Co.,  
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[73] Snova Corporation, JP  
[22] 1994-04-14  
[30] JP (5-111143) 1993-04-15

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[13] C

[51] **Int.Cl. 5H03L 7/16**  
[25] EN  
[54] **SYNCHRONIZED CLOCK USING A NON-PULLABLE REFERENCE OSCILLATOR**  
[54] **HORLOGE SYNCHRONISEE UTILISANT UN OSCILLATEUR DE REFERENCE**  
[72] Powell, William Edward, US  
[72] Rieder, Klaus-Hartwig, DE  
[72] Hörsch, Günter, DE  
[73] **ALCATEL NETWORKS SYSTEMS, INC., US**  
[22] 1994-06-08  
[30] US (08/074,108) 1993-06-09

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[11] **2,125,592**  
[13] C

[51] **Int.Cl. 5B60K 15/035 5F02M 33/08**  
[25] EN  
[54] **ACTIVATED CARBON FILTER FOR VENTING A FUEL TANK**  
[54] **FILTRE A CHARBON ACTIF SERVANT AU DEGASAGE D'UN RESERVOIR DE CARBURANT**  
[72] Andress, Heinz, DE  
[72] Hummel, Karl-Ernst, DE  
[72] Klotz, Arthur, DE  
[72] Schermuly, Thomas, DE  
[73] **FILTERWERK MANN & HUMMEL GMBH, DE**  
[22] 1994-06-10  
[30] DE (P 43 20 384.1) 1993-06-19

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[11] **2,127,702**  
[13] C

[51] **Int.Cl. 5C08L 67/02 5C08J 5/18 5B32B 27/36**  
[25] EN  
[54] **POLYESTER COMPOSITION AND FILM MADE THEREFROM**  
[54] **COMPOSITION A BASE DE POLYESTER ET PELLICULE FAITE DE CETTE MATIERE**  
[72] Kagami, Nobuyuki, JP  
[72] Aoyama, Masatoshi, JP  
[72] Suzuki, Masaru, JP  
[72] Oshima, Keisuke, JP  
[73] **TORAY INDUSTRIES, INC., JP**  
[85] 1994-07-08  
[86] 1993-11-10 (PCT/JP93/01631)  
[87] (WO94/11438)  
[30] JP (HEI 4-301355) 1992-11-11  
[30] JP (HEI 4-301356) 1992-11-11

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[11] **2,128,971**  
[13] C

[51] **Int.Cl. 5B01L 3/00**  
[25] FR  
[54] **PROCEDE DE DOSAGE, NOTAMMENT MICRO-DOSAGE D'UN LIQUIDE; APPLICATION A L'OBTENTION DE DILUTIONS CONTROLEES, NOTAMMENT DES DILUTIONS NANOVOLUMETRIQUES**  
[54] **ASSAY METHOD, FOR A LIQUID MICRO-ASSAY; IT'S APPLICATION FOR OBTAINING CONTROLLED DILUTIONS, NOTABLY FOR MICRODILUTIONS**  
[72] Colin, Bruno, FR  
[73] **BIO MERIEUX, FR**  
[22] 1994-07-27  
[30] FR (93/09517) 1993-07-28

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[11] **2,130,791**  
[13] C

[51] **Int.Cl. 5B41J 2/175**  
[25] EN  
[54] **INK JET PRINTER CARTRIDGE REFILLING METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL DE REMPLISSAGE DE CARTOUCHES D'IMPRIMANTE A JET D'ENCRE**  
[72] Cowger, Bruce, US  
[72] Beeson, Robert R., US  
[72] Tarver, Fred E., US  
[73] **HEWLETT-PACKARD COMPANY, US**  
[22] 1994-08-24  
[30] US (08/220,767) 1994-03-30

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[11] **2,131,283**  
[13] C

[51] **Int.Cl. 5G01N 35/06 5B01L 3/02**  
[25] EN  
[54] **PIPETTING APPARATUS**  
[54] **PIPETTE**  
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[72] Pelletier, Allen Brent, US  
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[73] **ABBOTT LABORATORIES, US**  
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[13] C

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[54] **STIMULATION ELECTRIQUE POUR LE TRAITEMENT DE L'INCONTINENCE ET D'AUTRES TROUBLES NEURO-MUSCULAIRES**  
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[73] **AXELGAARD MANUFACTURING CO., LTD., US**  
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[86] 1993-05-21 (PCT/GB93/01059)  
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[13] C

[51] **Int.Cl. 6G06T 3/20 6G06F 13/20**  
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[54] **TYPE DE SOURCE A TRANSFERT DE BLOCS DE BITS LINEAIRE**  
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[72] Lum, Sanford S., CA  
[72] Grossman, Josh, CA  
[73] **ATI TECHNOLOGIES INC., CA**  
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[11] **2,141,238**  
[13] C

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[54] **SYSTEME OPTIQUE POUR AFFICHEUR D'IMAGES A RETROPROJECTION**  
[72] Yamagishi, Shigekazu, JP  
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[13] C

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6D21H 11/14  
[25] EN  
[54] PROCESS FOR PRODUCING  
FOAMED MATERIAL FROM WASTE  
PAPER AND THE LIKE  
[54] PROCEDE POUR LA  
PRODUCTION D'UN MATERIAU  
EXPANSE A PARTIR DE DECHETS DE  
PAPIER ET AUTRES MATIERES  
SEMBLABLES  
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[72] Brandauer, Edgar, DE  
[73] Schweitzer & Vodermaier & Schimmer-  
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[13] C

[51] Int.Cl. 6C08G 77/46 6A61K 7/075  
[25] EN  
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POLYOXYALKYLENE BLOCK  
COPOLYMERS AND THEIR USE AS  
ADDITIVES FOR HAIR COSMETICS  
[54] COPOLYMERES SEQUENCES DE  
POLYSILOXANE-  
POLYOXYALKYLENE ET LEUR  
UTILISATION COMME ADDITIFS  
DANS DES PRODUITS COSMETIQUES  
POUR CHEVEUX  
[72] Burkhart, Georg, DE  
[72] Langenhagen, Rolf-Dieter, DE  
[72] Weier, Andreas, DE  
[72] Zellmer, Volker, DE  
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[11] 2,144,217  
[13] C

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35/02 6B01J 37/02 6C07C 13/20 6C07C 1/  
26 6C07C 15/52  
[25] EN  
[54] ELECTROCHEMICAL  
REDUCTION OF METAL SALTS AS A  
METHOD OF PREPARING HIGHLY  
DISPERSED METAL COLLOIDS AND  
SUBSTRATE FIXED METAL  
CLUSTERS BY ELECTROCHEMICAL  
REDUCTION OF METAL SALTS  
[54] METHODE DE PRODUCTION DE  
COLLOIDES METALLIQUES A  
GRANDE DISPERSION EET DE  
CLATHRATES METALLIQUES FIXES  
DANS DES SUBSTRATS PAR  
REDUCTION ELECTROCHIMIQUE DE  
SELS METALLIQUES  
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[72] Helbig, Wolfgang, DE  
[72] Quaiser, Stefan Andreas, DE  
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[22] 1995-03-08  
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[11] 2,145,099  
[13] C

[51] Int.Cl. 6B32B 19/02 6B32B 19/06  
6A62C 3/08 6B64C 1/40  
[25] EN  
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BLOCKING MATERIAL  
[54] STRATIFIE IGNIFUGEANT POUR  
FUSELAGE D'AVION  
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[11] 2,145,101  
[13] C

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[25] EN  
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AUGMENTOR  
[54] INDICATEUR SONORE POUR  
CLIGNOTANTS  
[72] Fuller, Kenneth J., US  
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[30] US (216,063) 1994-03-22

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[13] C

[51] Int.Cl. 6C01B 13/11  
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APPARATUS  
[54] APPAREIL GENERATEUR  
D'OZONE  
[72] Kuzumoto, Masaki, JP  
[72] Tabata, Youichiro, JP  
[72] Yagi, Shigenori, JP  
[72] Yoshizawa, Kenji, JP  
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[73] MITSUBISHI DENKI KABUSHIKI  
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[30] JP (047647/95) 1995-03-07

[11] 2,152,392  
[13] C

[51] Int.Cl. 6G06F 13/24  
[25] EN  
[54] NETWORK ADAPTER WITH HOST  
INTERRUPT AND INDICATION  
MANAGEMENT  
[54] ADAPTATEUR DE RESEAU  
GENERATEUR DE SIGNAUX  
D'INTERRUPTION ET D'INDICATION  
GERES PAR UN HOTE  
[72] Emery, Scott Andrew, US  
[72] Petersen, Brian, US  
[72] Sherer, W. Paul, US  
[73] 3COM Corporation, US  
[85] 1995-06-21  
[86] 1993-12-28 (PCT/US93/12652)  
[87] (WO94/18627)  
[30] US (08/012,561) 1993-02-02

[11] 2,153,908  
[13] C

[51] Int.Cl. 6G06T 5/00  
[25] EN  
[54] COMPACT IMAGE CONVERSION  
SYSTEM OPERABLE AT A HIGH  
SPEED  
[54] SYSTEME DE CONVERSION  
D'IMAGES COMPACT  
FONCTIONNANT A GRANDE VITESSE  
[72] Ueda, Hiroaki, JP  
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[13] C

[51] **Int.Cl. 6B22D 11/10 6B22D 27/02**  
[25] EN  
[54] **A.C. MAGNETIC STIRRING  
MODIFIER FOR CONTINUOUS  
CASTING OF METALS**  
[54] **MODIFICATEUR D'AGITATEUR  
MAGNETIQUE EN C.A. UTILISE POUR  
LA COULEE EN CONTINU DE METAL**  
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[72] Mulcahy, Joseph A., CA  
[73] INVERPOWER CONTROLS LTD., CA  
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[87] (WO94/15739)  
[30] US (005062) 1993-01-15

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[11] **2,155,241**  
[13] C

[51] **Int.Cl. 6G01G 19/12**  
[25] EN  
[54] **METHOD/SYSTEM FOR  
RESETTING THE VALUE OF A  
CONTROL PARAMETER INDICATIVE  
OF GROSS COMBINED WEIGHT OF  
VEHICLES TO A DEFAULT VALUE  
THEREOF**  
[54] **METHODE ET SYSTEME  
UTILISES POUR CHANGER LA  
VALEUR D'UN PARAMETRE DE  
CONTROLE DU POIDS BRUT  
COMBINE DE VEHICULES PAR UNE  
VALEUR IMPLICITE**  
[72] Genise, Thomas A., US  
[72] Markyvech, Ronald K., US  
[73] EATON CORPORATION, US  
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[13] C

[51] **Int.Cl. 6C07K 5/078 6C07D 405/04  
6C07D 401/06 6C07D 471/06 6A61K 31/  
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217/26 6A61K 31/395 6C07D 209/42  
6C07D 215/48**  
[25] EN  
[54] **GLYCINAMIDE DERIVATIVES,  
PROCESSES FOR THEIR  
PREPARATION AND MEDICINES  
CONTAINING THEM**  
[54] **DERIVES DU GLYCINAMIDE;  
METHODES DE PREPARATION ET  
MEDICAMENTS QUI EN  
RENFERMENT**  
[72] Bras, Jean-Pierre, FR  
[72] de Cointet, Paul, FR  
[72] Despeyroux, Pierre, FR  
[72] Frehel, Daniel, FR  
[72] Gully, Danielle, FR  
[72] Maffrand, Jean-Pierre, FR  
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[54] **SYSTEME TRANSPORTEUR**  
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[72] Okamura, Takashi, JP  
[72] Hamano, Kiyoshi, JP  
[73] DAIFUKU CO., LTD., JP  
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[11] **2,158,880**  
[13] C

[51] **Int.Cl. 6H04B 1/18**  
[25] EN  
[54] **METHOD AND DEVICE FOR  
CANCELLING RECEIVED  
FREQUENCY OFFSET**  
[54] **METHODE ET DISPOSITIF DE  
CORRECTION DES DECALAGES DE  
FREQUENCE DANS LES SIGNAUX  
RECUS**  
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[72] Eck, Henry, US  
[72] Lowe, Ray, US  
[73] HUGHES ELECTRONICS  
CORPORATION, US  
[22] 1995-09-22  
[30] US (316,027) 1994-09-30

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[13] C

[51] **Int.Cl. 6H04B 1/10**  
[25] EN  
[54] **A WIDE BANDWIDTH  
DISCRIMINATOR FOR USE IN A  
RADIO RECEIVER**  
[54] **DISCRIMINATEUR DE  
FREQUENCES FONCTIONNANT DANS  
UNE BANDE LARGE POUR  
RECEPTEUR RADIO**  
[72] Freeburg, Thomas A., US  
[72] Jackson, Irvin Riley, US  
[72] Ley, John, US  
[73] MOTOROLA, INC., US  
[85] 1995-11-22  
[86] 1995-02-06 (PCT/US95/01405)  
[87] (WO95/27340)  
[30] US (08/222,062) 1994-04-04

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[11] **2,163,596**  
[13] C

[51] **Int.Cl. 6E03D 9/02 6C11D 3/39**  
[25] EN  
[54] **PASSIVE LAVATORY CLEANSER  
DISPENSING SYSTEM**  
[54] **DIFFUSEUR PASSIF DE PRODUIT  
DE NETTOYAGE POUR CUVETTES DE  
TOILETTES ET AUTRES RESERVOIRS  
ASSIMILES**  
[72] Goelz, John F., US  
[72] Klinkhammer, Michael E., US  
[72] Wefler, Mark E., US  
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[22] 1995-11-23  
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[11] **2,164,132**  
[13] C

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RECHARGEABLE METAL-AIR CELL**  
[54] **EVENT DE DIFFUSION POUR  
CELLULE**  
[72] Pedicini, Christopher S., US  
[73] AER ENERGY RESOURCES, INC., US  
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[13] C

[51] Int.Cl. 6H05K 9/00  
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[54] SYSTEME DE PILIERS DE SOUTIEN POUR PIECE BLINDEE MAGNETIQUEMENT  
[72] Perälä, Martti, FI  
[72] Sohlström, Lasse, FI  
[73] EUROSIELD OY, FI  
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[30] FI (946102) 1994-12-27

[11] 2,165,627  
[13] C

[51] Int.Cl. 6D01F 11/06 6A61F 13/46  
[25] EN  
[54] PROCESS FOR PRODUCING FIBERS FOR HIGH STRENGTH NON-WOVEN MATERIALS, AND THE RESULTING FIBERS AND NON-WOVENS  
[54] PROCEDE DE FABRICATION DE FIBRES POUR NON-TISSES HAUTE RESISTANCE ET FIBRES ET NON-TISSES PRODUITS AU MOYEN DUDIT PROCEDE  
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[73] HERCULES INCORPORATED, US  
[22] 1995-12-19  
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[11] 2,166,550  
[13] C

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[25] EN  
[54] THERMOSTATIC MIXING DEVICE  
[54] ROBINET MITIGEUR  
[72] Knapp, Alfons, DE  
[73] Masco Corporation of Indiana, US  
[22] 1995-04-28  
[30] IT (TO94A000360) 1994-05-05

[11] 2,166,637  
[13] C

[51] Int.Cl. 6C08L 53/02 6C08L 67/02  
[25] EN  
[54] BLENDS OF POLY(ETHYLENE TEREPHTHALATE) AND MONOVINYL/CONJUGATED DIENE BLOCK COPOLYMERS  
[54] MELANGES DE POLY(TEREPHTHALATE D'ETHYLENE) ET DE COPOLYMERES SEQUENCES DE COMPOSE MONOVINYLIQUE ET DE DIENE CONJUGUE  
[72] Hanes, Mark D., US  
[73] PHILLIPS PETROLEUM COMPANY, US  
[22] 1996-01-05  
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[11] 2,166,981  
[13] C

[51] Int.Cl. 6C12N 15/54 6C12N 9/12 6A61K 39/395 6C07K 16/40 6C12Q 1/48 6G01N 33/573 6G01N 33/577 6C12Q 1/68 6A61K 31/70  
[25] EN  
[54] ONCOPROTEIN PROTEIN KINASE  
[54] PROTEINE KINASE, CARCINOPROTEINE  
[72] Karin, Michael, US  
[72] Davis, Roger, US  
[72] Hibi, Masahiko, US  
[72] Lin, Anning, US  
[72] Derijard, Benoit, US  
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[73] UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL, US  
[85] 1996-01-10  
[86] 1994-07-18 (PCT/US94/08119)  
[87] (WO95/03323)  
[30] US (08/094,533) 1993-07-19  
[30] US (08/220,602) 1994-03-25

[11] 2,168,624  
[13] C

[51] Int.Cl. 6A61N 5/06  
[25] EN  
[54] METHOD AND APPARATUS FOR THERAPEUTIC ELECTROMAGNETIC TREATMENT  
[54] METHODE ET APPAREIL POUR TRAITEMENT THERAPEUTIQUE ELECTROMAGNETIQUE  
[72] Eckhouse, Shimon, IL  
[73] E.S.C. Energy Systems Corporation, Ltd., IL  
[22] 1996-02-01  
[30] US (08/383,509) 1995-02-03

[11] 2,170,485  
[13] C

[51] Int.Cl. 6A61K 31/52  
[25] EN  
[54] COMPOSITIONS CONTAINING AN AMINO ACID SALT OF PROPIONIC ACID NON-STEROIDAL ANTI-INFLAMMATORY AGENTS AND CAFFEINE  
[54] COMPOSITIONS RENFERMANT UN SEL D'ACIDE PROPIONIQUE D'AMINO-ACIDE, AGENTS ANTI-INFLAMMATOIRES NON STEREOIDIQUES UTILISES AVEC LA CAFEINE  
[72] Mitra, Sekhar, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-02-27  
[86] 1994-08-24 (PCT/US94/09582)  
[87] (WO95/07079)  
[30] US (117,389) 1993-09-07

[11] 2,171,414  
[13] C

[51] Int.Cl. 6B32B 1/08 6F16L 11/20  
[25] FR  
[54] TUBES A BASE DE POLYAMIDE POUR TRANSPORT D'ESSENCE  
[54] POLYAMIDE TUBINGS FOR GASOLINE TRANSPORTATION  
[72] Siour, Daniel, FR  
[72] Denizart, Olivier, FR  
[72] Echaliier, Bruno, FR  
[73] ELF ATOCHEM, S.A., FR  
[22] 1996-03-08  
[30] FR (95 02 751) 1995-03-09

[11] 2,171,976  
[13] C

[51] Int.Cl. 6H04L 1/08  
[25] EN  
[54] METHOD AND SYSTEM FOR EFFICIENTLY OPTIMIZING THROUGHPUT AND MINIMIZING DELAY FOR A CHANNEL IN A COMMUNICATION SYSTEM  
[54] OPTIMISATION DU DEBIT ET DE L'ATTENTE SUR UNE VOIE DANS UN SYSTEME DE COMMUNICATION  
[72] Tran, Phieu Moc, US  
[72] Smolinske, Jeffrey C., US  
[72] Scheibel, Robert C., Jr., US  
[73] MOTOROLA, INC., US  
[85] 1996-03-15  
[86] 1995-05-22 (PCT/US95/06345)  
[87] (WO96/04727)  
[30] US (08/282,935) 1994-07-29

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[13] C

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[25] EN  
[54] **EQUIPMENT FOR ATTACHING A PRESSURE SENSOR TO A SUBSTRATE**  
[54] **MATERIEL POUR APPoser UN CAPTEUR DE PRESSION SUR UN SUBSTRAT**  
[72] Takeda, Goro, JP  
[73] Cateye Co., Ltd., JP  
[22] 1996-03-18  
[30] JP (7-60540) 1995-03-20

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[11] **2,176,136**  
[13] C

[51] **Int.Cl. 6C22B 9/05 6C22B 21/06 6C22B 26/22**  
[25] FR  
[54] **POCHE DE TRAITEMENT DE METAL LIQUIDE DE FAIBLE ENCOMBREMENT**  
[54] **COMPACT MOLTEN METAL PROCESSING LADLE**  
[72] Ventre, Isabelle, FR  
[73] PECHINEY RHENALU, FR  
[85] 1996-05-08  
[86] 1994-11-08 (PCT/FR94/01305)  
[87] (WO95/13402)  
[30] FR (93/13808) 1993-11-12

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[13] C

[51] **Int.Cl. 6H02P 5/408**  
[25] EN  
[54] **METHOD AND DEVICE FOR SPEED CONTROL OF AN AC MOTOR**  
[54] **METHODE ET DISPOSITIF DE REGLAGE DU REGIME D'UN MOTEUR C.A.**  
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[73] Gutsche, Gottfried J., CA  
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[25] EN  
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[54] **COMMANDE DE CORRECTION AUTOMATIQUE DU PATINAGE**  
[72] Wood, James A., US  
[72] Schweikert, David E., US  
[72] Greer, David A., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1996-05-14  
[30] US (08/610,727) 1996-03-04

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[11] **2,176,621**  
[13] C

[51] **Int.Cl. 6A61B 17/00**  
[25] EN  
[54] **ENDOVASCULAR GRAFTING APPARATUS, SYSTEM AND METHOD AND DEVICES FOR USE THEREWITH**  
[54] **APPAREIL DE GREFFE ENDOVASCULAIRE; SYSTEME, METHODE ET DISPOSITIFS UTILISANT CET APPAREIL**  
[72] Williams, Ronald G., US  
[72] Sterman, Wesley D., US  
[72] Piplani, Alec A., US  
[72] Lazarus, Harrison M., US  
[73] ENDOVASCULAR TECHNOLOGIES, INC., US  
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[62] 2,099,865  
[30] US (07/553,530) 1990-07-13

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[11] **2,177,130**  
[13] C

[51] **Int.Cl. 6B60T 17/22 6G01M 17/08**  
[25] EN  
[54] **RAILWAY MANUAL BRAKE CONTROL VALVE TEST UNIT**  
[54] **DISPOSITIF MANUEL D'ESSAI DU ROBINET DE COMMANDE DES FREINS D'UN MATERIEL ROULANT**  
[72] Reid, Jeffrey D., CA  
[72] Gaughan, Edward W., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
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[13] C

[51] **Int.Cl. 6G11C 5/00**  
[25] EN  
[54] **HIGH-SPEED DATA REGISTER FOR LASER RANGE FINDERS**  
[54] **REGISTRE DE DONNEES RAPIDE POUR TELEMETRES A LASER**  
[72] Oda, Dwight N., US  
[72] Chinn, Gregson D., US  
[72] Nourcier, Charles E., Jr., US  
[73] RAYTHEON COMPANY, US  
[22] 1996-05-24  
[30] US (08/484,736) 1995-06-07

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[11] **2,178,834**  
[13] C

[51] **Int.Cl. 6C01G 25/02 6C01F 17/00 6B01J 21/06 6B01J 23/10 6B01J 35/10 6B01D 53/94**  
[25] FR  
[54] **PRECURSEUR D'UNE COMPOSITION ET COMPOSITION A BASE D'UN OXYDE MIXTE DE CERIUM ET DE ZIRCONIUM, PROCEDE DE PREPARATION ET UTILISATION**  
[54] **COMPOSITION PRECURSOR AND CERIUM AND ZIRCONIUM MIXED OXIDE BASED COMPOSITION, METHOD FOR ITS PREPARATION AND USE THEREOF**  
[72] Bonneau, Lionel, FR  
[72] Chopin, Thierry, FR  
[72] Touret, Olivier, FR  
[72] Vilmin, Gabriel, US  
[73] Rhone-Poulenc Chimie, FR  
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EXCELLENT WEAR RESISTANCE AND  
METHOD OF PRODUCING THE SAME

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AND 3-HYDROXYHEXANOATE  
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[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
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[54] **DIOXYDE DE MANGANESE ELECTROLYTIQUE; METHODE DE PREPARATION; CELLULES SECHE AU MANGANESE**  
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[73] **THE PROCTER & GAMBLE COMPANY, US**  
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[54] **PROCEDE ET APPAREIL DESTINES A L'APPLICATION DE SUBSTANCES LIQUIDES SUR DES SUBSTRATS**  
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[73] **ND INDUSTRIES, INC., US**  
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[72] Majercsik, Krisztina, HU  
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[54] **DUAL CONTROL DEVICE FOR SELECTIVELY ACTUATING THE BRAKE AND/OR CLUTCH AND/OR ACCELERATOR OF A DRIVING SCHOOL VEHICLE**  
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[72] Santalucia, Michel, FR  
[72] Rivas, Francisco, FR  
[73] SERESO HOLDING S.A., FR  
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[73] SULZER INTERMEDICS INC., US  
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[54] **ROBINET A TOURNANT SPHERIQUE COMMANDE PAR UN FRIGORIGENE**  
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[72] WEBLEY, Paul Anthony, US  
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[54] **DISPOSITIF DE FERMETURE A CONTROLE D'AERATION ET D'ECOULEMENT COMPORTANT UN MOTIF DE RUPTURE REPETITIF POUR MISE A L'AIR LIBRE**  
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[13] C

[51] Int.Cl. 6B05D 1/04 6B05B 5/16  
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IMPROVED VOLTAGE BLOCK  
[54] METHODE ET SYSTEME  
AMELIORES DE COUPURE DE  
TENSION  
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[72] SCHARFENBERGER, James A., US  
[72] MCPHERSON, Jerry L., Jr., US  
[72] ALLEN, Harold T., US  
[72] FELDMAN, Edward T., US  
[72] HOWE, Varce E., US  
[73] ILLINOIS TOOL WORKS INC., US  
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[30] US (08/647,857) 1996-05-15

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[13] C

[51] Int.Cl. 6B22F 3/00  
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FILLING POWDER  
[54] METHODE ET APPAREIL DE  
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[72] OKAJIMA, Hiroshi, JP  
[72] KONDOH, Mikio, JP  
[73] KABUSHIKI KAISHA TOYOTA  
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[73] TOYOTA JIDOSHA KABUSHIKI  
KAISHA, JP  
[22] 1997-03-20  
[30] JP (HEI 8-75945) 1996-03-29

[11] 2,202,181  
[13] C

[51] Int.Cl. 6G08G 1/0969  
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DEVICE  
[54] DISPOSITIF D'ELABORATION DE  
PROGRAMME DE VOYAGE  
[72] SATO, Koji, JP  
[73] TOYOTA JIDOSHA KABUSHIKI  
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[85] 1997-04-08  
[86] 1996-06-13 (PCT/JP96/01598)  
[87] (WO97/06522)  
[30] JP (7/203615) 1995-08-09  
[30] JP (7/254851) 1995-10-02

[11] 2,202,938  
[13] C

[51] Int.Cl. 6B60T 13/66  
[25] EN  
[54] PENALTY BRAKE SCHEME FOR  
STRAIGHT AIR PIPE BRAKE  
CONTROL EQUIPMENT  
[54] SYSTEME DE FREINAGE DE  
PENALITE POUR EQUIPEMENT DE  
COMMANDE DE CONDUITE DU FREIN  
DIRECT  
[72] JAMIESON, Paul E., US  
[73] WESTINGHOUSE AIR BRAKE  
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[22] 1997-04-17  
[30] US (736,292) 1996-10-24

[11] 2,203,048  
[13] C

[51] Int.Cl. 6B61H 13/30 6B60T 8/18  
[25] EN  
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STRAIGHT AIR PIPE BRAKE  
CONTROL EQUIPMENT  
[54] MODELE DE FREINAGE DE  
PENALITE POUR EQUIPEMENT DE  
COMMANDE DE CONDUITE DU FREIN  
DIRECT  
[72] JAMIESON, Paul E., US  
[73] WESTINGHOUSE AIR BRAKE  
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[22] 1997-04-18  
[30] US (736,576) 1996-10-24

[11] 2,203,197  
[13] C

[51] Int.Cl. 6F16D 65/12  
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ARRANGEMENT FOR A BRAKE DISC  
[54] AMENAGEMENT DE RAYONS DE  
REFROIDISSEMENT POUR DISQUE DE  
FREIN  
[72] ENGLE, Thomas H., US  
[73] WESTINGHOUSE AIR BRAKE  
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COMPANY, US  
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[30] US (745,429) 1996-11-12

[11] 2,203,304  
[13] C

[51] Int.Cl. 6F16K 1/46 6F16K 15/06  
6B01D 53/26  
[25] EN  
[54] MOLDED RUBBER VALVE SEAL  
FOR USE IN PREDETERMINED TYPE  
VALVES, SUCH AS, A CHECK VALVE  
IN A REGENERATIVE DESICCANT AIR  
DRYER  
[54] JOINT D'ETANCHEITE DE  
CAOUTCHOUC MOULE POUR  
CLAPET DE RETENUE DANS UN  
DESSICATEUR A REGENERATION  
[72] MITSCH, Matthew D., US  
[72] STREITMAN, Lawrence R., US  
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[25] EN  
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[54] **COMPOSITIONS SILICIUM-GERMANIUM-CARBONE ET PROCESSUS ASSOCIES**  
[72] HUNT, Charles E., US  
[72] ROBINSON, McDonald, US  
[72] WESTHOFF, Richard C., US  
[72] LING, Li, US  
[72] ATZMON, Ziv, IL  
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[73] LAWRENCE SEMICONDUCTOR RESEARCH LABORATORY, INC., US  
[73] ARIZONA BOARD OF REGENTS FOR AND ON BEHALF OF ARIZONA STATE UNIVERSITY,  
[85] 1997-05-02  
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[54] **CONNECTEUR INSTANTANE A COUPLAGE MULTIPLE**  
[72] SWENSON, Roger M., Sr., US  
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[22] 1997-05-08  
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[25] EN  
[54] **PNEUMATIC EMERGENCY BRAKE APPLICATION VALVE AND AN ASSOCIATED ELECTRICAL SIGNALING SWITCH**  
[54] **SOUPAPE DE FREIN D'URGENCE PNEUMATIQUE ET INTERRUPTEUR ELECTRIQUE DE SIGNALISATION CORRESPONDANT**  
[72] KUSHNIR, Lawrence M., US  
[72] CUNKELMAN, Brian L., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
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[54] **BOITIER DE CARTOUCHE DE PRODUIT DESHYDRATANT**  
[72] MITSCH, Matthew D., US  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
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[25] EN  
[54] **IN-BUILDING AND OUT-OF-BUILDING PERSONAL REACH COMMUNICATIONS SYSTEM**  
[54] **SYSTEME DE TRANSMISSIONS PERSONNEL POUR L'INTERIEUR ET L'EXTERIEUR**  
[72] BALA, Srinivas, US  
[72] FOLADARE, Mark Jeffrey, US  
[72] GOLDMAN, SHELLEY B., US  
[72] SILVERMAN, David Phillip, US  
[72] WEBER, Roy Philip, US  
[73] AT&T CORP., US  
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[54] **APPAREIL DE TRAITEMENT DE TISSES DE TYPE COURROIE**  
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[73] KIKUCHI WEB TECH CO., LTD., JP  
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[54] **OBTURATEUR DE SOUPAPE POUR RESERVOIR DE GAZ SOUS PRESSION**  
[72] MOEBS, Ricky A., US  
[72] BRESLIN, Patrick W., US  
[73] U-HAUL INTERNATIONAL, INC., US  
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[51] **Int.Cl. 6B08B 9/02**  
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[54] **NETTOYAGE A L'EAU DE LA SURFACE EXTERIEURE D'UN PIPELINE POUR ENLEVER LE REVETEMENT**  
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[25] EN  
[54] **SYSTEM AND METHOD FOR ELECTRONIC TRANSFER OF FUNDS USING AN AUTOMATED TELLER MACHINE TO DISPENSE THE TRANSFERRED FUNDS**  
[54] **SYSTEME ET PROCEDE DE TRANSFERT ELECTRONIQUE DE FONDS A L'AIDE D'UN GUICHET AUTOMATIQUE BANCAIRE POUR DISTRIBUER LES FONDS TRANSFERES**  
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[72] BRANT, Michael J., US  
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[73] ELECTRONIC DATA SYSTEMS CORPORATION, US  
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[54] METHODE PERMETTANT A L'ABONNE DEMANDE DE CONTROLER LES SERVICES D'UN RESEAU DE TELECOMMUNICATION  
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[72] SCHLANGER, Gabriel Gary, US  
[73] AT&T CORP., US  
[22] 1997-06-30  
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[51] Int.Cl. 6G10L 9/04 6G01H 17/00  
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[25] EN  
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[54] METHODE ET APPAREIL D'ANALYSE DE SIGNAUX  
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[73] ATR Human Information Processing Research Laboratories, JP  
[22] 1997-06-30  
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[25] EN  
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[72] MCHUGH, Brian K., US  
[72] XU, Yun, US  
[73] THE GILLETTE COMPANY, US  
[85] 1997-07-17  
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[30] US (378,618) 1995-01-26

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[13] C  
[51] Int.Cl. 6E05C 17/00  
[25] EN  
[54] LATCHING DEVICE FOR A DOOR OF A RAILWAY TRAIN STOP HOUSING  
[54] DISPOSITIF A VERROUILLAGE POUR UNE TRAPPE D'UN BOITIER DE FREIN DE VOIE  
[72] FERGUSON, Ross Edward, US  
[72] SIEFERT, Glen John, US  
[72] STERLING, Mike Edward, US  
[73] Union Switch & Signal Inc., US  
[22] 1997-07-18  
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[51] Int.Cl. 6E05B 5/00 6E05B 1/00  
[25] EN  
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[54] DISPOSITIF POUR ACTIONNER UN VERROU DE PORTE  
[72] WARTIAN, George, US  
[73] WARTIAN, George, US  
[22] 1997-08-04  
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[51] Int.Cl. 6B23B 27/16  
[25] EN  
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[72] SHALLENBERGER, Fred T., US  
[73] Greenfield Industries, US  
[22] 1997-08-21  
[30] US (08/746,033) 1996-11-06

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[54] ETIQUETTE D'IDENTIFICATION AVEC ECHANCRURE  
[72] LOWE, Gary L., US  
[73] BEDFORD INDUSTRIES, INC., US  
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[30] US (08/795,766) 1997-02-06

[11] 2,214,198  
[13] C  
[51] Int.Cl. 6B60R 25/04  
[25] EN  
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[54] DISPOSITIF DE COMMANDE DE DEMARRAGE DE MOTEUR  
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[72] TOYOFUKU, Naoki, JP  
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[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
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[51] Int.Cl. 6F16K 11/07  
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[54] ROBINET DE COMMANDE  
[72] CHRISTENSEN, Carsten, DK  
[72] DIXEN, Carl Christian, DK  
[73] DANFOSS FLUID POWER A/S, DK  
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[25] EN  
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[54] PROCESSUS DE PURIFICATION DE FLUOROMETHYL-1,1,1,3,3,3-HEXAFLUOROISOPROPYL ETHER  
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[72] TAKEDA, Yuuki, JP  
[73] SHARP KABUSHIKI KAISHA, JP  
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[11] **2,216,274**  
[13] C

[51] **Int.Cl. 6G05F 3/08 6G06F 1/26**  
[25] EN  
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[54] **CIRCUIT D'INVALIDATION POUR REGULATEUR DE TENSION**  
[72] MASSIE, Hal, US  
[72] LANDOLF, Dave, US  
[72] MUGHIR, Taha, US  
[72] RAMPONE, Tom, US  
[73] INTEL CORPORATION, US  
[85] 1997-09-23  
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[30] US (08/423,978) 1995-04-17

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[13] C

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[54] **AMELIORATIONS DE LA PCR IN SITU**  
[72] NUOVO, Gerard J., US  
[72] BLOCH, Will, US  
[73] THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, US  
[73] PE CORPORATION, US  
[22] 1992-07-20  
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[11] **2,219,048**  
[13] C

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[25] EN  
[54] **FASTENER-DRIVING TOOL ASSEMBLY WITH IMPROVED FASTENER-LOADING FEATURES**  
[54] **OUTIL A ENTRAINEMENT POUR DISPOSITIFS DE FIXATION PRESENTANT DES CARACTERISTIQUES AMELIOREES DE CHARGEMENT DES DISPOSITIFS DE FIXATION**  
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[72] ALLEN, Ronald J., US  
[73] ILLINOIS TOOL WORKS INC., US  
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[13] C

[51] **Int.Cl. 6D01F 6/62 6D21F 7/08 6D01F 6/92**  
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[73] THOMAS JOSEF HEIMBACH GMBH & CO.KG., DE  
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[11] **2,221,772**  
[13] C

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[54] **PORTE-EMPREINTE DENTAIRE**  
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[72] MILLER, Alan N., US  
[72] LENCHNER, Nathaniel H., US  
[73] COLTENE/WHALEDENT, INC., US  
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[13] C

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[54] **SOUPAPE DE SECURITE POUR SYSTEME D'ALIMENTATION EN EAU**  
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[54] **SYSTEM AND METHOD FOR REDUCING THE SEARCH SCOPE IN A LEXICON**  
[54] **PROCEDE ET SYSTEME DE REDUCTION DE LA PORTEE D'UNE RECHERCHE DANS UN LEXIQUE**  
[72] LIANG, Li, US  
[73] UNITED PARCEL SERVICE OF AMERICA, INC., US  
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[11] **2,227,636**  
[13] C

[51] **Int.Cl. 6G06F 9/445**  
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[54] **APPARATUS AND METHOD FOR ALLOWING AN OPERATING SYSTEM TO PERSIST ACROSS A POWER OFF/ON CYCLE**  
[54] **APPAREIL ET PROCEDE PERMETTANT DE MAINTENIR L'ETAT COURANT D'UN SYSTEME D'EXPLOITATION SUR TOUT UN CYCLE DE MISE HORS TENSION/SOUS TENSION**  
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[72] MADISON, Mary J., US  
[72] LESZCZYNSKI, Larry M., US  
[73] INTEL CORPORATION, US  
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[54] **DISPOSITIF DE CABLAGE POUR RESEAU LOCAL**  
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[72] HAWKINS, David R., US  
[72] ZERBS, Stephen Taylor, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1998-01-29  
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[54] **ENSEMBLE ROTOR DE COUPE DE TISSU**  
[72] WILLIAMS, Robert M., Jr., US  
[72] BECHERER, Paul H., US  
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[54] **DISPOSITIF D'ETANCHEITE POUR VEHICULE A MOTEUR**  
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[51] **Int.Cl. 6G01V 1/28 6G01V 1/38**  
[25] EN  
[54] **METHOD FOR VERIFYING THE LOCATION OF AN ARRAY OF DETECTORS**  
[54] **METHODE DE VERIFICATION DES EMPLACEMENTS DES DETECTEURS FAISANT PARTIE D'UN RESEAU**  
[72] ZINN, Noel Donald, US  
[73] WESTERN ATLAS INTERNATIONAL, INC., US  
[22] 1998-05-20  
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[11] **2,240,992**  
[13] C  
[51] **Int.Cl. 6H05B 3/60**  
[25] EN  
[54] **FLOW-THROUGH TANKLESS WATER HEATER WITH FLOW SWITCH AND HEATER CONTROL SYSTEM**  
[54] **CHAUFFE-EAU DIRECT SANS RESERVOIR COMPORTANT UN INTERRUPTEUR D'ECOULEMENT ET UN SYSTEME DE COMMANDE DE LA CHAUFFE**  
[72] GILLASPIE, David D., US  
[72] WHITE, James A., Jr., US  
[73] GILLASPIE, David D., US  
[73] WHITE, James A., Jr., US  
[85] 1998-06-19  
[86] 1995-12-22 (PCT/US95/16811)  
[87] (WO97/24014)

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[11] **2,242,195**  
[13] C  
[51] **Int.Cl. 6G11B 7/007**  
[25] EN  
[54] **METHOD AND DEVICE FOR RECORDING DATA IN AN OPTICAL MEMORY CARD**  
[54] **PROCEDE ET DISPOSITIF POUR ENREGISTRER DES DONNEES DANS UNE CARTE OPTIQUE**  
[72] ONODERA, Akira, JP  
[72] KIMURA, Yasuyuki, JP  
[73] KABUSHIKI KAISHA NIPPON CONLUX, JP  
[85] 1998-07-03  
[86] 1997-11-10 (PCT/JP97/04081)  
[87] (WO98/21717)  
[30] JP (298782/1996) 1996-11-11

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[11] **2,242,205**  
[13] C  
[51] **Int.Cl. 6G07C 11/00**  
[25] EN  
[54] **APPARATUS FOR CONTROLLING THE RENTAL AND SALE OF AGE-CONTROLLED MERCHANDISE AND FOR CONTROLLING ACCESS TO AGE-CONTROLLED SERVICES**  
[54] **METHODE ET DISPOSITIF POUR CENTRALE LA LOCATION ET LA VENTE DE MARCHANDISES ET DE SERVICES DONT L'AXES EST CENTRALE SUR LA BASE DE L'AGE DU CONSOMMATEUR**  
[72] DiMARIA, Peter C., US  
[72] MADSEN, JAMES T., US  
[73] THE IDENTISCAN COMPANY, LLC, US  
[22] 1998-06-30  
[30] US (08/926,284) 1997-09-05

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[11] **2,242,213**  
[13] C  
[51] **Int.Cl. 6A01G 3/06 6A01D 34/84**  
[25] EN  
[54] **STRING TRIMMER WITH FIXED STRING HEAD**  
[54] **MINITONDEUSE A FIL ROTATIF AVEC TETE FIXE**  
[72] GUO, Qing H., US  
[72] KITZ, Robert E., US  
[73] DEERE & COMPANY, US  
[22] 1998-08-12  
[30] US (08/932,165) 1997-09-17

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[11] **2,244,589**  
[13] C  
[51] **Int.Cl. 6G06F 1/00 6G06F 13/36**  
[25] EN  
[54] **A SOUND WARNING CIRCUIT FOR PCI HOT PLUG**  
[54] **CIRCUIT D'ALERTE SONORE POUR FICHE PCI**  
[72] KIM, Hyung Sun, KR  
[72] LEE, In Ho, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 1998-07-31  
[30] KR (1997-36516) 1997-07-31

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[11] **2,246,806**  
[13] C

[51] **Int.Cl. 6H04Q 3/52 6H04B 10/08 6H04Q 1/14**  
[25] EN  
[54] **AN IMPROVED OPTICAL SWITCHING APPARATUS FOR USE IN THE CONSTRUCTION MODE TESTING OF FIBERS IN AN OPTICAL CABLE**  
[54] **COMMUTATEUR OPTIQUE AMELIORE POUR UTILISATION DANS LA SURVEILLANCE DU MODE DE CONSTRUCTION DES FIBRES D'UN CABLE OPTIQUE**  
[72] PIMPINELLA, Richard Joseph, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1998-09-08  
[30] US (08/935,220) 1997-09-22

[11] **2,259,838**  
[13] C

[51] **Int.Cl. 6G11B 20/00 6G11B 13/04 6G11B 11/10 6G11B 20/10**  
[25] EN  
[54] **METHOD AND APPARATUS FOR RETRIEVING DATA FROM A STORAGE DEVICE**  
[54] **METHODE ET APPAREIL D'EXTRACTION DE DONNEES STOCKEES**  
[72] YEH, Wen-Yung, US  
[72] KIMURA, Noboru, US  
[73] Discovision Associates, US  
[22] 1995-05-05  
[62] 2,148,748  
[30] US (08/238,831) 1994-05-06  
[30] US (08/372,205) 1995-01-13

[11] **2,259,048**  
[13] C

[51] **Int.Cl. 6B32B 27/14 6G02B 1/11 6B32B 31/12 6B32B 5/16**  
[25] EN  
[54] **TRANSPARENT FUNCTIONAL MEMBRANE CONTAINING FUNCTIONAL ULTRAFINE PARTICLES, TRANSPARENT FUNCTIONAL FILM, AND PROCESS FOR PRODUCING THE SAME**  
[54] **MEMBRANE FONCTIONNELLE TRANSPARENTE RENFERMANT DES PARTICULES ULTRAFINES FONCTIONNELLES, PELLICULE FONCTIONNELLE TRANSPARENTE, ET METHODE POUR EN PRODUIRE**  
[72] YAMASHITA, Natsuko, JP  
[72] KATAGIRI, Hiroomi, JP  
[72] SUZUKI, Hiroko, JP  
[72] YOSHIHARA, Toshio, JP  
[72] TAKEMATSU, Kiyotaka, JP  
[72] YAMADA, Hiroshi, JP  
[72] NAKAMURA, Norinaga, JP  
[72] TSUCHIYA, Mitsuru, JP  
[72] OTA, Yurie, JP  
[72] OKA, Motohiro, JP  
[73] Dai Nippon Printing Co., Ltd., JP  
[22] 1994-12-02  
[62] 2,137,207  
[30] JP (338941/1993) 1993-12-02  
[30] JP (338942/1993) 1993-12-02  
[30] JP (230801/1994) 1994-08-31  
[30] JP (261119/1994) 1994-09-30  
[30] JP (281198/1994) 1994-10-20

[11] **2,275,162**  
[13] C

[51] **Int.Cl. 6A61N 5/00 6A61B 17/38 6A61B 17/39**  
[25] EN  
[54] **BPH ABLATION METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL D'ABLATION POUR L'HYPERTROPHIE PROSTATIQUE BENIGNE**  
[72] LAX, RONALD G., US  
[72] LUNDQUIST, INGEMAR H., US  
[72] EDWARDS, STUART D., US  
[72] SHARKEY, HUGH R., US  
[72] STRUL, BRUNO, US  
[73] VIDAMED, INC., US  
[22] 1994-05-13  
[62] 2,162,887  
[30] US (061,072) 1993-05-14

[11] **2,287,133**  
[13] C

[51] **Int.Cl. 6H04L 9/32 6H04L 12/16**  
[25] EN  
[54] **TRUSTED AGENTS FOR OPEN ELECTRONIC COMMERCE**  
[54] **AGENTS VALIDES POUR COMMERCE ELECTRONIQUE OUVERT**  
[72] ROSEN, SHOLOM S., US  
[73] CITIBANK, N.A., US  
[22] 1995-03-28  
[62] 2,184,380  
[30] US (08/234,461) 1994-04-28

**Canadian Patents Issued  
November 7, 2000**

# Canadian Laid-Open Applications

October 15, 2000 - October 21, 2000

## Demands canadiennes mises à la disponibilité du public

15 octobre 2000 - 21 octobre 2000

[21] <b>2,267,632</b> [13] A1 [51] <b>Int.Cl. 6A01G 31/00</b> [25] EN [54] <b>A NOVEL APPARATUS FOR CULTIVATING ORGANOVEGETABLES</b> [54] <b>APPAREIL NOUVEAU POUR LA CULTURE DES LEGUMES BIOLOGIQUES</b> [72] KO, Wen-Tsan, TW [71] KO, Wen-Tsan, TW [22] 1999-04-15 [43] 2000-10-15	[21] <b>2,268,379</b> [13] [51] <b>Int.Cl. 6A61K 48/00 6A61K 38/18 6A61K 31/70</b> [25] EN [54] <b>INHIBITOR LIGANDS DIRECTED AGAINST A RECEPTOR OF VASCULAR ENDOTHELIAL GROWTH FACTOR OR AGAINST ITS CODING SEQUENCE, AS ANTI-ANGIOGENICS</b> [54] <b>LIGANDS INHIBITEURS DIRIGES CONTRE UN RECEPTEUR DU FACTEUR DE CROISSANCE ENDOTHELIALE OU CONTRE SA SEQUENCE DE CODAGE, UTILISES COMME INHIBITEURS DE L'ANGIOGENESE</b> [72] SIROIS, Martin G., CA [71] FONDS DE RECHERCHE DE L'INSTITUT DE CARDIOLOGIE, CA [22] 1999-04-21 [43] 2000-10-21	[21] <b>2,268,463</b> [13] A1 [51] <b>Int.Cl. 6F16G 11/00 6D07B 1/00</b> [25] EN [54] <b>FASTENING ASSEMBLY</b> [54] <b>ENSEMBLE DE FIXATION</b> [72] FRAPPIER, Benoît, CA [71] FRAPPIER, Benoît, CA [22] 1999-04-19 [43] 2000-10-19
[21] <b>2,268,337</b> [13] A1 [51] <b>Int.Cl. 6G01N 21/88 6G01N 33/46 6G01N 21/89</b> [25] EN [54] <b>APPARATUS FOR DETECTING DEFECTS IN WOOD PROCESSED BY A PLANER</b> [54] <b>DETECTEUR DE DEFAUTS DU BOIS TRAVAILLE A LA DEGAUCHISSEUSE</b> [72] LESSARD, Robert, CA [72] ETHIER, Daniel, CA [71] AUTOLOG INC., CA [22] 1999-04-16 [43] 2000-10-16	[21] <b>2,268,407</b> [13] A1 [51] <b>Int.Cl. 6B67D 5/04</b> [25] EN [54] <b>FUEL SUPPLY ADAPTER</b> [54] <b>ADAPTEUR D'ALIMENTATION EN CARBURANT</b> [72] RENAUD, Patrick, CA [71] WILDFIRE FIRE EQUIPMENT INC., CA [22] 1999-04-20 [43] 2000-10-20	[21] <b>2,268,479</b> [13] A1 [51] <b>Int.Cl. 6C23C 14/20</b> [25] FR [54] <b>CARTON METALLISE</b> [54] <b>METALIZED PAPERBOARD</b> [71] LES INDUSTRIES ALUBEC INC., CA [22] 1999-04-20 [43] 2000-10-20
[21] <b>2,268,344</b> [13] A1 [51] <b>Int.Cl. 6A61F 13/46</b> [25] EN [54] <b>THREE DIMENSIONAL NEEDLED NON-WOVEN ABSORBENT COMPOSITES</b> [54] <b>COMPOSITES TRIDIMENSIONNELS ABSORBANTS</b> [54] <b>EN NONTISSE AIGUILLETE</b> [72] SCHEUBEL, Gérard, CA [72] SHEN, Xiaonan, CA [71] TEXEL INC., CA [22] 1999-04-19 [43] 2000-10-19	[21] <b>2,268,407</b> [13] A1 [51] <b>Int.Cl. 6B67D 5/04</b> [25] EN [54] <b>FUEL SUPPLY ADAPTER</b> [54] <b>ADAPTEUR D'ALIMENTATION EN CARBURANT</b> [72] RENAUD, Patrick, CA [71] WILDFIRE FIRE EQUIPMENT INC., CA [22] 1999-04-20 [43] 2000-10-20	[21] <b>2,268,504</b> [13] A1 [51] <b>Int.Cl. 6B03B 5/62</b> [25] FR [54] <b>USINE MINIERE MOBILE</b> [54] <b>MOBILE MINE PLANT</b> [72] LASSONDE, Normand, CA [71] LASSONDE, Normand, CA [22] 1999-04-20 [43] 2000-10-20
[21] <b>2,268,344</b> [13] A1 [51] <b>Int.Cl. 6A61F 13/46</b> [25] EN [54] <b>THREE DIMENSIONAL NEEDLED NON-WOVEN ABSORBENT COMPOSITES</b> [54] <b>COMPOSITES TRIDIMENSIONNELS ABSORBANTS</b> [54] <b>EN NONTISSE AIGUILLETE</b> [72] SCHEUBEL, Gérard, CA [72] SHEN, Xiaonan, CA [71] TEXEL INC., CA [22] 1999-04-19 [43] 2000-10-19	[21] <b>2,268,416</b> [13] A1 [51] <b>Int.Cl. 6A62C 33/00</b> [25] EN [54] <b>HOSE STRANGLER</b> [54] <b>ETRANGLEUR DE TUYAU SOUPLE</b> [72] HROMINCHUK, Len, CA [71] WILDFIRE FIRE EQUIPMENT INC., CA [22] 1999-04-20 [43] 2000-10-20	[21] <b>2,268,562</b> [13] A1 [51] <b>Int.Cl. 6B65D 35/28</b> [25] FR [54] <b>L'ECONO-TUBE</b> [54] <b>THE ECONO-TUBE</b> [72] BOISVERT, Claudette-Amanda, CA [71] BOISVERT, Claudette-Amanda, CA [22] 1999-04-15 [43] 2000-10-15



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[21] **2,269,136**  
[13] A1  
[51] **Int.Cl. 6H05K 1/02 6H01R 9/09**  
**6H05K 1/14**  
[25] EN  
[54] **CIRCUIT BOARD MOUNTING**  
**SYSTEM AND RELEASABLE**  
**CONNECTOR THEREFOR**  
[54] **SYSTEME DE MONTAGE DE**  
**CARTE DE CIRCUIT ET CONNECTEUR**  
**RELACHABLE POUR CE SYSTEME**  
[72] BROOK, John E., CA  
[72] KUPNICKI, John, CA  
[72] KUPNICKI, Richard A., CA  
[71] LEITCH TECHNOLOGY  
CORPORATION, CA  
[22] 1999-04-16  
[43] 2000-10-16

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[21] **2,269,137**  
[13] A1  
[51] **Int.Cl. 6G02C 5/00**  
[25] EN  
[54] **FOLDING EYE GLASS FRAMES**  
**WITH LENGTH ADJUSTABLE**  
**TEMPLES**  
[54] **MONTURES PLIANTES POUR**  
**LUNETTES MUNIES DE BRANCHES A**  
**LONGUEUR REGLABLE**  
[72] CONNER, William A., US  
[71] CONNER, William A., US  
[22] 1999-04-16  
[43] 2000-10-16

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[21] **2,269,138**  
[13] A1  
[51] **Int.Cl. 6B21D 9/01**  
[25] EN  
[54] **TUBE BENDING APPARATUS AND**  
**METHOD**  
[54] **APPAREIL ET METHODE DE**  
**CINTRAGE DE TUBES**  
[72] SCHULZE, Jurgen, DE  
[71] S + P GESELLSCHAFT FUR  
INDUSTRIEANLAGEN-  
MODERNISIERUNG MBH, DE  
[22] 1999-04-15  
[43] 2000-10-15

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[21] **2,269,143**  
[13] A1  
[51] **Int.Cl. 6G06K 9/20 6A61B 5/117**  
[25] EN  
[54] **FINGERPRINT ACQUISITION**  
**DEVICE**  
[54] **DISPOSITIF D'ACQUISITION**  
**D'EMPREINTES DIGITALES**  
[72] VALE, Paul M., CA  
[71] CPF SYSTEMS LIMITED, CA  
[22] 1999-04-16  
[43] 2000-10-16

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[21] **2,269,145**  
[13] A1  
[51] **Int.Cl. 6E21B 17/02**  
[25] EN  
[54] **DOWNHOLE UNIVERSAL JOINT**  
**ASSEMBLY**  
[54] **MONTAGE DE JOINT UNIVERSEL**  
**POUR FOND DE TROU**  
[72] BUNNEY, Larry Raymond, CA  
[71] TARTAN CONTROLS INC., CA  
[22] 1999-04-16  
[43] 2000-10-16

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[21] **2,269,149**  
[13] A1  
[51] **Int.Cl. 6B64F 1/12 6B64B 1/66**  
[25] EN  
[54] **MOORING FACILITY FOR**  
**TETHERED GAS BALLOON**  
[54] **INSTALLATION D'AMARRAGE**  
**POUR BALLON A GAZ CAPTIF**  
[72] DAVIDSON, John Scott, CA  
[71] DAVIDSON, John Scott, CA  
[22] 1999-04-16  
[43] 2000-10-16

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[21] **2,269,158**  
[13] A1  
[51] **Int.Cl. 6G08B 13/00 6G08B 5/00**  
**6A01M 25/00**  
[25] EN  
[54] **A DEVICE FOR DETECTING**  
**RODENTS**  
[54] **DISPOSITIF POUR DECELER DES**  
**RONGEURS**  
[72] TWYDELL, Roland Stephen, GB  
[71] SOREX LIMITED, GB  
[22] 1999-04-15  
[43] 2000-10-15

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[21] **2,269,182**  
[13] A1  
[51] **Int.Cl. 6B41M 5/00 6G07G 1/00**  
**6B41M 1/26**  
[25] EN  
[54] **RECYCLABLE PRINTABLE**  
**MEDIA**  
[54] **SUPPORT IMPRIMABLE**  
**RECYCLABLE**  
[72] EWING, William D., US  
[71] EWING, William D., US  
[22] 1999-04-15  
[43] 2000-10-15

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[21] **2,269,186**  
[13] A1  
[51] **Int.Cl. 6B65D 85/57**  
[25] EN  
[54] **DISC HOLDER**  
[54] **PORTE-DISQUES**  
[72] LEW, Gene, CA  
[72] DEWHURST, Phillip A., CA  
[71] LEW, Gene, CA  
[71] DEWHURST, Phillip A., CA  
[22] 1999-04-15  
[43] 2000-10-15

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[21] **2,269,189**  
[13] A1  
[51] **Int.Cl. 6E04F 11/18 6E04F 11/00**  
**6E04H 17/20**  
[25] EN  
[54] **RAILING SUPPORT POST**  
[54] **MONTANT DE SOUTIEN DE**  
**LISSAGE**  
[72] COOK, Michael E., CA  
[72] PETTIT, Frederick M., CA  
[71] GSW INC., CA  
[22] 1999-04-15  
[43] 2000-10-15

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[21] **2,269,197**  
[13] A1  
[51] **Int.Cl. 6A45D 44/22 6A61F 5/01**  
**6A61F 13/12**  
[25] EN  
[54] **NECK BAND**  
[54] **BANDEAU SERRE-TETE**  
[72] KARAPETIAN, Diana, CA  
[71] KARAPETIAN, Diana, CA  
[22] 1999-04-15  
[43] 2000-10-15

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[21] **2,269,198**  
[13] A1

[51] **Int.Cl. 6A61F 13/02**  
[25] EN  
[54] **REM-AID-BAND**  
[54] **REM-AID-BAND (DIACHYLON DETACHABLE)**  
[72] ZEIS, Martha, CA  
[72] ZEIS, Nathalie T., CA  
[71] ZEIS, Martha, CA  
[71] ZEIS, Nathalie T., CA  
[22] 1999-04-16  
[43] 2000-10-16

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[21] **2,269,238**  
[13] A1

[51] **Int.Cl. 6G06K 11/18**  
[25] EN  
[54] **MOUSE CLEANING APPARATUS**  
[54] **DISPOSITIF DE NETTOYAGE DE SOURIS**  
[72] MIHALYNUK, Mitchell George, CA  
[71] MIHALYNUK, Mitchell George, CA  
[22] 1999-04-16  
[43] 2000-10-16

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[21] **2,269,242**  
[13] A1

[51] **Int.Cl. 6A61B 17/02**  
[25] EN  
[54] **CORONARY STABILIZER FOR PERFORMING BEATING HEART CARDIAC SURGERY**  
[54] **STABILISATEUR CORONARIEN POUR PRATIQUER UNE CHIRURGIE SUR UN COEUR BATTANT**  
[72] VALENTINI, Valerio, CA  
[72] CARTIER, Raymond, CA  
[72] PAOLITTO, Anthony, CA  
[71] VALENTINI, Valerio, CA  
[71] CARTIER, Raymond, CA  
[71] PAOLITTO, Anthony, CA  
[22] 1999-04-16  
[43] 2000-10-16

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[21] **2,269,253**  
[13] A1

[51] **Int.Cl. 6G09F 19/00 6H04N 5/262**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SECURING CONSUMER ATTENTION**  
[54] **METHODE ET APPAREILLAGE POUR ATTIRER L'ATTENTION DU CONSOMMATEUR**  
[72] FILIP, Michael LeRoy Patrick, CA  
[72] NESDOLY, Ivan, CA  
[71] FILIP, Michael LeRoy Patrick, CA  
[71] NESDOLY, Ivan, CA  
[22] 1999-04-19  
[43] 2000-10-19

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[21] **2,269,255**  
[13] A1

[51] **Int.Cl. 6H02M 7/525**  
[25] EN  
[54] **USING DOUBLE VOLTAGE RECTIFIERS TO INCREASE THE ENERGY OUTPUT OF TRANSISTOR (IGBT, MOSFET, BJT ETC.) BASED INVERTERS SUPPLIED FROM VARIABLE VOLTAGE AC SOURCES**  
[54] **UTILISATION DE REDRESSEURS DE VOLTAGE DOUBLE POUR AUGMENTER LE DEBIT DE PUISSANCE DE TRANSISTOR (IGBT, MOSFET, BJT ETC.) INVERSEURS DE BASE PROVENANT DE SOURCE DE VOLTAGE AC VARIABLE**  
[72] CHANG, Liuchen, CA  
[71] CHANG, Liuchen, CA  
[22] 1999-04-15  
[43] 2000-10-15

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[21] **2,269,258**  
[13] A1

[51] **Int.Cl. 6A61K 38/42 6A61M 1/14 6A61K 35/18**  
[25] EN  
[54] **USE OF CROSSLINKED HEMOGLOBIN PRODUCT IN THE TREATMENT OF VASCULAR DISEASE**  
[54] **UTILISATION D'HEMOGLOBINE RETICULEE DANS LE TRAITEMENT DE MALADIES VASCULAIRES**  
[72] PERKINS, Nancy J., CA  
[72] TOBE, Sheldon, CA  
[71] HEMOSOL INC., CA  
[22] 1999-04-19  
[43] 2000-10-19

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[21] **2,269,260**  
[13] A1

[51] **Int.Cl. 6A61K 31/70 6A61K 49/00**  
[25] EN  
[54] **TREATMENT OF CYSTITIS WITH CHONDROITIN SULFATE**  
[54] **TRAITEMENT DE LA CYSTITITE AVEC DU SULFATE DE CHONDROITINE**  
[72] HAHN, Sungtack Samuel, CA  
[71] STELLAR INTERNATIONAL INC., CA  
[22] 1999-04-16  
[43] 2000-10-16

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[21] **2,269,272**  
[13] A1

[51] **Int.Cl. 6E04G 11/08**  
[25] EN  
[54] **PIT FORM**  
[54] **COFFRAGE DE PUITTS**  
[72] DI BIASE, Joseph J., CA  
[71] FROMMELT INDUSTRIES OF CANADA, INC., CA  
[22] 1999-04-16  
[43] 2000-10-16

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[21] **2,269,298**  
[13] A1

[51] **Int.Cl. 6H01L 31/0352**  
[25] EN  
[54] **PHOTODETECTOR WITH SPECTRALLY EXTENDED RESPONSIVITY**  
[54] **PHOTODETECTEUR AVEC RESPONSIVITE ETENDUE SUR LE PLAN SPECTRAL**  
[72] SVILANS, Mikelis Nils, CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1999-04-16  
[43] 2000-10-16

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[21] **2,269,300**  
[13] A1

[51] **Int.Cl. 6E21B 47/06**  
[25] EN  
[54] **STRAINER NIPPLE TOOL**  
[54] **OUTIL A RACCORD DROIT A CREPINE**  
[72] ZILLINGER, Fred, CA  
[72] GRANDE, Rene, CA  
[72] McCOLL, Terry, CA  
[71] ZILLINGER, Fred, CA  
[71] GRANDE, Rene, CA  
[71] McCOLL, Terry, CA  
[22] 1999-04-16  
[43] 2000-10-16

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[21] **2,269,301**  
[13] A1  
[51] **Int.Cl. 6C05D 9/00**  
[25] EN  
[54] **A BACTERIAL INOCULATED  
SULFUR-BASED FERTILIZER**  
[54] **INOCULATION BACTERIENNE  
D'UN ENGRAIS A BASE DE SOUFRE**  
[72] unknown, ZZ  
[71] ENERSUL HOLDINGS INC., CA  
[22] 1999-04-16  
[43] 2000-10-16

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[21] **2,269,307**  
[13] A1  
[51] **Int.Cl. 6A61H 33/00 6E03C 1/04**  
[25] FR  
[54] **SYSTEME DE MASSAGE A AIR  
POUR BAIGNOIRE**  
[54] **AIR MASSAGE SYSTEM FOR  
BATHTUB**  
[72] CASTELLOTE, Miguel, CA  
[71] C.G. AIR SYSTEMES INC., CA  
[22] 1999-04-16  
[43] 2000-10-16

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[21] **2,269,311**  
[13] A1  
[51] **Int.Cl. 6B62J 19/00**  
[25] EN  
[54] **JACKET FOR BICYCLE**  
[54] **HOUSSE A BICYCLETTE**  
[72] GODDARD, Michael, CA  
[71] GODDARD, Michael, CA  
[71] WELLS, Shawn, CA  
[22] 1999-04-16  
[43] 2000-10-16

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[21] **2,269,313**  
[13]  
[51] **Int.Cl. 6B66F 5/04 6A47F 13/00  
6B62B 3/06**  
[25] EN  
[54] **JFL GONDOLA-LIFT**  
[54] **LEVE-GONDOLE JFL**  
[72] LOCKHART, Jae Franklin, CA  
[71] LOCKHART, Jae Franklin, CA  
[22] 1999-04-21  
[43] 2000-10-21

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[21] **2,269,314**  
[13] A1  
[51] **Int.Cl. 6B03B 5/06**  
[25] EN  
[54] **WEAR RESISTANT SCREEN,  
SCREEN PANEL OR THE LIKE**  
[54] **GRILLAGE, PANNEAU GRILLAGE  
OU ELEMENT DE MEME NATURE  
RESISTANT A L'USURE**  
[72] NIXON, Neville P., CA  
[71] NIXON, Neville P., CA  
[22] 1999-04-20  
[43] 2000-10-20

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[21] **2,269,339**  
[13] A1  
[51] **Int.Cl. 6A01M 29/00 6A01K 3/00  
6H05C 1/06**  
[25] EN  
[54] **ANIMAL CONTROL APPARATUS**  
[54] **APPAREIL DE CONTROLE DES  
ANIMAUX**  
[72] STERLING, Robert Laurel, CA  
[71] STERLING, Robert Laurel, CA  
[22] 1999-04-15  
[43] 2000-10-15

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[21] **2,269,343**  
[13] A1  
[51] **Int.Cl. 6E03B 7/08 6F16L 55/07  
6E03C 1/12**  
[25] EN  
[54] **DRAINAGE APPARATUS AND  
METHOD OF USE OF THE SAME**  
[54] **DISPOSITIF ET METHODE DE  
PURGE**  
[72] BYER, Gerald Ambrose, CA  
[71] BYER, Gerald Ambrose, CA  
[22] 1999-04-15  
[43] 2000-10-15

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[21] **2,269,344**  
[13] A1  
[51] **Int.Cl. 6E05B 65/32**  
[25] EN  
[54] **LOCK FOR COMPARTMENT  
COVER**  
[54] **SERRURE DE COUVERCLE DE  
COMPARTIMENT**  
[72] BOSY, Don, CA  
[71] CCS EDUCATIONAL INC., CA  
[22] 1999-04-15  
[43] 2000-10-15

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[21] **2,269,356**  
[13] A1  
[51] **Int.Cl. 6A47K 3/16**  
[25] EN  
[54] **BRACKET FOR BATHTUBS**  
[54] **FERRURE SUPPORT POUR  
BAIGNOIRE**  
[72] DONNELLY, Steve, CA  
[71] MAAX INC., CA  
[22] 1999-04-19  
[43] 2000-10-19

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[21] **2,269,363**  
[13] A1  
[51] **Int.Cl. 6B65B 1/04 6B65B 1/12 6B41J  
27/16**  
[25] EN  
[54] **HIGH SPEED NOZZLE FOR  
TONER FILLING SYSTEMS**  
[54] **BUSE A GRANDE VITESSE POUR  
SYSTEME DE REMPLISSAGE DE  
TONER**  
[72] WEGMAN, Paul M., US  
[72] BARBISAN, Joseph C., CA  
[72] ZELAZNY, Joseph S., US  
[72] HIGUCHI, Fumii, CA  
[71] XEROX CORPORATION, US  
[22] 1999-04-19  
[43] 2000-10-19

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[21] **2,269,364**  
[13] A1  
[51] **Int.Cl. 6A61M 1/36 6A61K 35/14**  
[25] EN  
[54] **TREATMENT OF  
INFLAMMATORY AND ALLERGIC  
DISORDERS**  
[54] **TRAITEMENT DE MALADIES  
INFLAMMATOIRES ET  
ALLERGIQUES**  
[72] SAUDER, Daniel, CA  
[72] MANDEL, Arkady, CA  
[72] BOLTON, Anthony, GB  
[71] VASOGEN IRELAND LIMITED, IE  
[22] 1999-04-19  
[43] 2000-10-19

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[21] **2,269,374**  
[13]  
[51] **Int.Cl. 6B02C 19/16**  
[25] EN  
[54] **MILLING APPARTUS**  
[54] **BROYEUR**  
[72] NORTH, Henry, CA  
[71] NORTH, Henry, CA  
[22] 1999-04-21  
[43] 2000-10-21

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**15 octobre 2000 - 21 octobre 2000**

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[21] **2,269,377**  
[13]

[51] **Int.Cl. 6A01K 5/01**  
[25] EN  
[54] **CREEP FEEDER**  
[54] **MANGEOIRE SELECTIVE**  
[72] SERRUYS, Garry A., CA  
[71] SERRUYS, Garry A., CA  
[22] 1999-04-21  
[43] 2000-10-21

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[21] **2,269,379**  
[13]

[51] **Int.Cl. 6A47K 10/42 6B65D 83/08**  
[25] EN  
[54] **DISPENSER FOR TOILET WIPES**  
[54] **DISTRIBUTEUR D'ESSUIE-MAINS**  
[72] LIM, Steven, CA  
[71] LIM, Steven, CA  
[22] 1999-04-21  
[43] 2000-10-21

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[21] **2,269,381**  
[13] A1

[51] **Int.Cl. 6C08G 63/664 6C08G 64/00 6C09J 169/00 6A61L 25/00 6A61L 27/00 6C09J 167/04 6C08G 63/08 6A61K 47/30**  
[25] EN  
[54] **BIORESORBABLE POLYMERIC CLAYEY AND STICKY SUBSTANCE**  
[54] **SUBSTANCE POISSEUSE ET ARGILEUSE POLYMERE**  
**BIORESORBABLE**  
[72] SHIKINAMI, Yasuo, JP  
[72] NISHI, Chika, JP  
[72] KAWARADA, Hiroyuki, JP  
[71] TAKIRON CO., LTD., JP  
[22] 1999-04-15  
[43] 2000-10-15

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[21] **2,269,382**  
[13]

[51] **Int.Cl. 6C25B 11/00 6C25B 9/00 6H01M 4/00 6H01M 4/02**  
[25] EN  
[54] **ELECTRODE ASSEMBLY**  
[54] **ENSEMBLE D'ELECTRODES**  
[72] SOUZA, Mario de, CA  
[72] BALAN, Gabi, CA  
[71] SOUZA, Mario de, CA  
[71] BALAN, Gabi, CA  
[22] 1999-04-21  
[43] 2000-10-21

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[21] **2,269,384**  
[13]

[51] **Int.Cl. 6H01R 13/639**  
[25] EN  
[54] **ELECTRICAL CORD CONNECTION RETAINER**  
[54] **DISPOSITIF DE MAINTIEN DE CONNEXION POUR CORDONS ELECTRIQUES**  
[72] CLEMENTS, Raymond H., CA  
[71] CLEMENTS, Raymond H., CA  
[22] 1999-04-21  
[43] 2000-10-21

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[21] **2,269,393**  
[13]

[51] **Int.Cl. 6B25B 13/50**  
[25] EN  
[54] **POWER TONG AND BACKUP TONG SYSTEM**  
[54] **CLEF DE VISSAGE A COMMANDE PNEUMATIQUE ET SYSTEME DE SECOURS**  
[72] POHNERT, Vladimir G., CA  
[72] BARKER, Marcin K., CA  
[72] FEIGEL, Kurt R., Jr., CA  
[71] UNIVERSE MACHINE CORPORATION, CA  
[22] 1999-04-21  
[43] 2000-10-21

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[21] **2,269,415**  
[13] A1

[51] **Int.Cl. 6B25H 7/00 6G01B 11/24**  
[25] EN  
[54] **A DEVICE AND A METHOD FOR SIZING ODD PARTS OF DRYWALL FOR PLACEMENT ON CEILINGS AND WALLS**  
[54] **DISPOSITIF ET METHODE DE CALIBRAGE DES PARTIES DEPARILLEES DE CLOISONS SECHES, A APPLIQUER A DES PLAFONDS ET MURS**  
[72] ASTUDILLO, Edward, CA  
[71] ASTUDILLO, Edward, CA  
[22] 1999-04-15  
[43] 2000-10-15

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[21] **2,269,422**  
[13] A1

[51] **Int.Cl. 6G09F 7/18 6F16B 2/06**  
[25] EN  
[54] **SIGN SUPPORTING SYSTEM**  
[54] **SUPPORT DE PANCARTE**  
[72] LAPOINTE, Jean, CA  
[71] KALITEC SIGNALISATION INC., CA  
[22] 1999-04-15  
[43] 2000-10-15

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[21] **2,269,423**  
[13] A1

[51] **Int.Cl. 6B65D 90/30 6B65D 90/28**  
[25] EN  
[54] **GASOLINE VAPOUR RECOVERY METHOD AND APPARATUS**  
[54] **METHODE ET DISPOSITIF DE RECUPERATION DES VAPEURS D'ESSENCE**  
[72] VERBEKE, Rodney R., CA  
[71] VERBEKE, Rodney R., CA  
[22] 1999-04-15  
[43] 2000-10-15

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[21] **2,269,425**  
[13] A1

[51] **Int.Cl. 6E04H 13/00**  
[25] EN  
[54] **ENGRAVEABLE, SAND FILLED, ANCHORED, SYNTHETIC MONUMENTS**  
[54] **MONUMENTS SYNTHETIQUES POUVANT ETRE GRAVES, REMPLIS DE SABLE ET ANCRES**  
[72] STAIRS, Rolfe Eugene, CA  
[71] STAIRS, Rolfe Eugene, CA  
[22] 1999-04-16  
[43] 2000-10-16

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[21] **2,269,433**  
[13] A1

[51] **Int.Cl. 6E06B 9/06 6E06B 7/08**  
[25] EN  
[54] **ADJUSTABLE DECORATIVE SHUTTER**  
[54] **JALOUSIE DECORATIVE REGLABLE**  
[72] CADORETTE, Mario, CA  
[71] ALL-TECK BLINDS P.T.B. INC., CA  
[22] 1999-04-20  
[43] 2000-10-20

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[21] **2,269,437**  
[13] A1  
[51] **Int.Cl. 6C11D 11/00**  
[25] EN  
[54] **NEUTRALIZATION PROCESS FOR MAKING AGGLOMERATE DETERGENT GRANULES**  
[54] **PROCEDE DE NEUTRALISATION POUR LA FABRICATION DE PASTILLES AGGLOMEREES DE DETERGENT**  
[72] ADAMS, Donald Scott, US  
[72] PALLARES-GALVAN, Francisco, MX  
[71] THE PROCTER & GAMBLE COMPANY, US  
[22] 1999-04-19  
[43] 2000-10-19

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[21] **2,269,438**  
[13] A1  
[51] **Int.Cl. 6A61M 5/32**  
[25] EN  
[54] **IMPROVEMENT IN THE STRUCTURE OF A SAFETY SYRINGE**  
[54] **AMELIORATION DE LA STRUCTURE D'UNE SERINGUE DE SECURITE**  
[72] HWANG, Tsong-Ming, TW  
[71] HWANG, Tsong-Ming, TW  
[22] 1999-04-20  
[43] 2000-10-20

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[21] **2,269,449**  
[13]  
[51] **Int.Cl. 6F23N 5/24 6F27D 21/00 6F24D 19/10 6F24H 9/20**  
[25] FR  
[54] **DISPOSITIF DE SECURITE POUR UN APPAREIL A TIRAGE NATUREL**  
[54] **SAFETY DEVICE FOR A NATURAL DRAFT APPLIANCE**  
[72] BOULÉ, Guy, CA  
[72] BINET, Martin, CA  
[72] MARCIL, Serge, CA  
[71] SOCIÉTÉ EN COMMANDITE GAZ MÉTROPOLITAIN, CA  
[22] 1999-04-21  
[43] 2000-10-21

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[21] **2,269,467**  
[13] A1  
[51] **Int.Cl. 6B31B 5/00**  
[25] EN  
[54] **FOLDING BOX CONSTRUCTION**  
[54] **BOITE PLIANTE**  
[72] GOLDBERG, Leslie H., CA  
[71] GOLDBERG, Leslie H., CA  
[22] 1999-04-20  
[43] 2000-10-20

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[21] **2,269,479**  
[13] A1  
[51] **Int.Cl. 6A01D 63/04 6A01C 23/00**  
[25] EN  
[54] **CROP DIVIDER FOR SPRAYERS**  
[54] **SEPARATEUR DE PLANTES POUR PULVERISATEURS**  
[72] DEKONING, Adrianus, CA  
[71] DEKONING, Adrianus, CA  
[22] 1999-04-20  
[43] 2000-10-20

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[21] **2,269,480**  
[13] A1  
[51] **Int.Cl. 6E06B 11/02**  
[25] EN  
[54] **MECHANICALLY ACTUATED BI-DIRECTIONAL GATE**  
[54] **PORTAIL MECANIQUE MANOEUVRABLE DES DEUX COTES**  
[72] HALSTEAD, Brad, CA  
[72] HERTER, Larry, CA  
[71] HALSTEAD, Brad, CA  
[71] HERTER, Larry, CA  
[22] 1999-04-20  
[43] 2000-10-20

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[21] **2,269,481**  
[13] A1  
[51] **Int.Cl. 6A61F 13/10**  
[25] EN  
[54] **NASAL DRIP PAD**  
[54] **TAMPON A RHINORRHEE**  
[72] RIVIERE, Elie, CA  
[71] RIVIERE, Elie, CA  
[22] 1999-04-20  
[43] 2000-10-20

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[21] **2,269,483**  
[13]  
[51] **Int.Cl. 6G01F 23/00 6G05B 9/02 6G08C 17/02 6G05D 9/12**  
[25] EN  
[54] **WATER LEAKAGE OR OVERFLOW DETECTION ALARM**  
[54] **ALARME DE DETECTION DES FUITES OU DEBORDEMENTS D'EAU**  
[72] IQBAL, Muhammad Muzafar, CA  
[71] IQBAL, Muhammad Muzafar, CA  
[22] 1999-04-21  
[43] 2000-10-21

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[21] **2,269,487**  
[13]  
[51] **Int.Cl. 6A61K 7/48 6A61K 45/08 6A61K 35/12**  
[25] EN  
[54] **IMPROVED SKIN TREATMENT COMPOSITIONS COMPRISING UNOXIDIZED NERVE TISSUE**  
[54] **COMPOSITIONS AMELIOREES POUR LE TRAITEMENT DE LA PEAU COMPRENANT DU TISSU NERVEUX NON OXYDE**  
[72] YOUSSEFYEH, Rena T., US  
[71] YOUSSEFYEH, Rena T., US  
[22] 1999-04-21  
[43] 2000-10-21

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[21] **2,269,743**  
[13]  
[51] **Int.Cl. 6D21F 1/34**  
[25] EN  
[54] **SURFACE-CLEANING DOCTOR FOR USE IN A PAPERMAKING OPERATION AND ASSOCIATED METHOD**  
[54] **RACLOIR DE NETTOYAGE DE SURFACE POUR UTILISATION DANS LA FABRICATION DU PAPIER ET METHODE CONNEXE**  
[72] MARCHEGGIANI, Marco, US  
[71] VALMET, INC., US  
[22] 1999-04-21  
[43] 2000-10-21

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[21] **2,269,940**  
[13]

[51] **Int.Cl. 6E04H 12/22 6E02D 27/42 6E02D 5/80**  
[25] EN  
[54] **HYDRO POLE ANCHOR APPARATUS AND METHOD**  
[54] **DISPOSITIF ET METHODE D'ANCRAGE DE POTEAUX ELECTRIQUES**  
[72] FRETTS, Dale, CA  
[71] FRETTS, Dale, CA  
[22] 1999-04-21  
[43] 2000-10-21

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[21] **2,270,020**  
[13] A1

[51] **Int.Cl. 6F01L 1/38 6F02D 39/04 6F01L 1/34**  
[25] EN  
[54] **MECHANICAL TIMING DEVICE - 2 CYCLE ENGINES**  
[54] **DISPOSITIF DE CALAGE POUR MECANIQUE - MOTEURS 2 CYCLES**  
[72] JONES, Jason, CA  
[71] JONES, Jason, CA  
[22] 1999-04-16  
[43] 2000-10-16

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[21] **2,270,063**  
[13] A1

[51] **Int.Cl. 6F02M 27/04 6C10G 32/02**  
[25] EN  
[54] **HYDROCARBON FLUID ECONOMISER**  
[54] **ECONOMISEUR DE FLUIDE HYDROCARBONE**  
[72] CONZEN, Eduard, CA  
[71] CONZEN, Eduard, CA  
[22] 1999-04-20  
[43] 2000-10-20

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[21] **2,270,066**  
[13] A1

[51] **Int.Cl. 6B61L 23/00 6G01V 1/00 6B61L 23/04 6B61L 3/16**  
[25] EN  
[54] **RAILWAY RAIL ACOUSTIC ROCKFALL DETECTOR**  
[54] **DETECTEUR ACOUSTIQUE D'EBOULIS POUR RAILS DE CHEMIN DE FER**  
[72] STEPHENS, Robert Douglas, CA  
[71] STEPHENS, Robert Douglas, CA  
[22] 1999-04-19  
[43] 2000-10-19

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[21] **2,270,198**  
[13] A1

[51] **Int.Cl. 6A63B 69/00 6A63B 49/02 6A63B 67/10**  
[25] FR  
[54] **MAIT-BALL**  
[54] **MAIT-BALL**  
[72] AUSSANT, Gilles, CA  
[71] AUSSANT, Gilles, CA  
[22] 1999-04-15  
[43] 2000-10-15

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[21] **2,270,201**  
[13] A1

[51] **Int.Cl. 6A63C 11/00**  
[25] FR  
[54] **ODAM EDGE PROTECTOR**  
[54] **PROTECTEUR DE REBORDS O DAM**  
[72] LEDOUX, Madeleine, CA  
[71] LEDOUX, Madeleine, CA  
[22] 1999-04-20  
[43] 2000-10-20

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[21] **2,270,204**  
[13] A1

[51] **Int.Cl. 6E01H 5/04 6E02F 9/22 6E02F 3/76**  
[25] FR  
[54] **PELLE MOTORORISEE HYDRAULIQUE**  
[54] **MOTORIZED HYDRAULIC SHOVEL**  
[72] LABRECQUE, François, CA  
[71] LABRECQUE, François, CA  
[22] 1999-04-16  
[43] 2000-10-16

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[21] **2,271,451**  
[13] A1

[51] **Int.Cl. 6C12N 15/30 6C07K 19/00 6A61K 39/015 6C07K 16/20 6C07K 14/445 6C12N 15/62**  
[25] EN  
[54] **VACCINE**  
[54] **VACCIN**  
[72] UTHAIPIBULL, Chairat, GB  
[72] HOLDER, Anthony, GB  
[72] FEENEY, James, GB  
[72] MORGAN, William, GB  
[72] SYED, Shabih, GB  
[72] BIRDSALL, Berry, GB  
[71] MEDICAL RESEARCH COUNCIL (UNITED KINGDOM), GB  
[22] 1999-05-25  
[43] 2000-10-20  
[30] GB (9909072.2) 1999-04-20

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[21] **2,272,693**  
[13] A1

[51] **Int.Cl. 6H04L 12/22**  
[25] EN  
[54] **MULTI-COMPUTER ACCESS SECURE SWITCHING SYSTEM**  
[54] **SYSTEME DE COMMUTATION PROTEGEE D'ACCES A PLUSIEURS ORDINATEURS**  
[72] SIMPSON, John P., CA  
[72] BLASIOLI, Frank O., CA  
[72] WONG, Michael H., CA  
[71] EMCON EMANATION CONTROL LTD., CA  
[22] 1999-05-25  
[43] 2000-10-19  
[30] US (09/293,802) 1999-04-19

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[21] **2,273,372**  
[13] A1

[51] **Int.Cl. 6E21B 17/00**  
[25] EN  
[54] **WELL TOOL**  
[54] **OUTIL DE PUITTS**  
[72] SABLE, Donald E., US  
[71] SABLE, Donald E., US  
[22] 1999-05-31  
[43] 2000-10-20  
[30] US (09/294,886) 1999-04-20

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[21] **2,273,565**  
[13] A1

[51] **Int.Cl. 6E04C 3/02 6E04C 3/08**  
[25] EN  
[54] **METAL X-BRACKET AND TRUSS ASSEMBLY**  
[54] **ENSEMBLE SUPPORT EN CROIX DE SAINT-ANDRE ET FERME EN METAL**  
[72] MONTANARO, Giuseppe, CA  
[71] MONTANARO, Giuseppe, CA  
[22] 1999-05-31  
[43] 2000-10-19  
[30] US (09/293,872) 1999-04-19

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[21] **2,274,185**  
[13] A1

[51] **Int.Cl. 6B42D 17/00 6A47F 7/00 6B42D 1/08**  
[25] EN  
[54] **DISPLAY SYSTEM FOR BOOKLETS AND ALBUMS**  
[54] **DISPOSITIF DE PRESENTATION POUR LIVRETS ET ALBUMS**  
[72] MYLANDER, Paul H., US  
[72] JORDAN, John P., US  
[71] INTERCRAFT COMPANY, US  
[22] 1999-06-10  
[43] 2000-10-19  
[30] US (09/295,111) 1999-04-19

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[21] **2,277,499**  
[13] A1

[51] **Int.Cl. 6A61K 7/42**  
[25] EN  
[54] **METHOD OF AND APPARATUS FOR AUTOMATICALLY COATING THE HUMAN BODY**  
[54] **METHODE ET APPAREIL POUR ENDUIRE AUTOMATIQUEMENT LE CORPS HUMAIN**  
[72] LAUGHLIN, THOMAS J., US  
[71] LAUGHLIN PRODUCTS, INC., US  
[22] 1999-07-12  
[43] 2000-10-19  
[30] US (09/294,689) 1999-04-19

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[21] **2,282,902**  
[13] A1

[51] **Int.Cl. 6E21B 4/00**  
[25] EN  
[54] **VENTING AND SEALING SYSTEM FOR DOWN-HOLE DRILLS**  
[54] **SYSTEME DE VENTILATION ET D'OBTURATION DE FORAGES DE FOND**  
[72] LYON, LELAND H., US  
[72] SMITH, RICHARD K., US  
[71] INGERSOLL-RAND COMPANY, US  
[22] 1999-09-17  
[43] 2000-10-15  
[30] US (09/292,516) 1999-04-15

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[21] **2,275,066**  
[13] A1

[51] **Int.Cl. 6G06F 1/16 6G06F 1/18 6G06F 1/20**  
[25] EN  
[54] **MODULAR WEARABLE COMPUTER**  
[54] **ORDINATEUR MODULAIRE PRET-A-PORTER**  
[72] JENKINS, MICHAEL D., US  
[72] SALLAM, HUSSEIN, US  
[71] XYBERNAUT CORPORATION, US  
[22] 1999-06-17  
[43] 2000-10-19  
[30] US (09/294,668) 1999-04-19

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[21] **2,277,606**  
[13] A1

[51] **Int.Cl. 6E04D 1/12 6E04D 1/36**  
[25] EN  
[54] **MACHINE FOR FORMING SEAM SECURING TOGETHER ADJACENT ROOFING OR WALL PANELS, AND ROOFING OR WALL PANEL STRUCTURE FORMED THEREBY**  
[54] **DISPOSITIF SERVANT A FORMER DES AGRAFURES DE RACCORDEMENT DE COUVERTURES OU DE PANNEAUX MURAUX ADJACENTS, ET STRUCTURE RESULTANTE DES COUVERTURES OU DES PANNEAUX MURAUX**  
[72] SOMMERSTEIN, MICHAEL, CA  
[72] STELLRECHT, EWALD A., US  
[71] SOMMERSTEIN, MICHAEL, CA  
[71] STELLRECHT, EWALD A., US  
[22] 1999-07-16  
[43] 2000-10-16  
[30] US (09/292,622) 1999-04-16

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[21] **2,287,684**  
[13] A1

[51] **Int.Cl. 6B65G 47/90**  
[25] EN  
[54] **TRANSFER APPARATUS FOR AUTOMATED PARTS MOVEMENT**  
[54] **TRANSPORTEUR POUR DEPLACEMENT AUTOMATISE DE PIECES**  
[72] JASPERSE, THOMAS J., US  
[71] JASPERSE, THOMAS J., US  
[22] 1999-10-28  
[43] 2000-10-15  
[30] US (60/129,487) 1999-04-15  
[30] US (09/422,578) 1999-10-21

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[21] **2,275,112**  
[13]

[51] **Int.Cl. 6A23L 3/01 6H05B 6/62**  
[25] EN  
[54] **CAPACITIVE DIELECTRIC HEATING SYSTEM**  
[54] **SYSTEME DE CHAUFFAGE DIELECTRIQUE CAPACITIF**  
[72] PARK, JAE W., US  
[72] KOLBE, EDWARD R., US  
[72] WELLS, JOHN HENRY, US  
[72] ZHAO, YANYUN, US  
[72] FLUGSTAD, BENJAMIN A., US  
[71] THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUC, US  
[71] FLUGSTAD, BENJAMIN A., US  
[22] 1999-06-18  
[43] 2000-10-21  
[30] US (09/295,666) 1999-04-21

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[21] **2,280,198**  
[13] A1

[51] **Int.Cl. 6B65B 11/38**  
[25] EN  
[54] **METHOD AND APPARATUS FOR STRETCH WRAPPING A LOAD**  
[54] **METHODE ET APPAREIL D'EMBALLAGE DE PALANQUEE SOUS FILM ETIRABLE**  
[72] LANCASTER, PATRICK R., III, US  
[72] MARTIN, CURTIS, US  
[71] LANTECH MANAGEMENT CORP. AND LANTECH HOLDING CORP. D/B/A LANTECH, INC., US  
[22] 1999-08-10  
[43] 2000-10-15  
[30] US (09/292,006) 1999-04-15

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[21] **2,289,379**  
[13]

[51] **Int.Cl. 6B65G 17/38 6B65G 17/24**  
[25] EN  
[54] **ROLLER CONVEYOR CHAIN**  
[54] **CHAINE DE TRANSPORTEUR A ROULEAUX**  
[72] ORMISTON, MALCOLM D., US  
[72] ROBERTS, CYRUS J., US  
[71] AMSTED INDUSTRIES INCORPORATED, US  
[22] 1999-11-10  
[43] 2000-10-21  
[30] US (09/295,559) 1999-04-21

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**15 octobre 2000 - 21 octobre 2000**

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[21] **2,291,976**  
[13] A1

[51] **Int.Cl. 7D06F 39/08 7A47L 15/42**  
[25] EN  
[54] **WASHING MACHINE OUTLET BOX WITH COMMON TAILPIECE FOR TWO DRAIN OUTLETS**  
[54] **BOITE DE SORTIE DE MACHINE A LAVER A RACCORD DROIT DE VIDANGE COMMUN A DEUX SORTIES DE VIDANGE**  
[72] KOPP, RAUN A., US  
[72] KANE, ROBERT S., US  
[72] MINNICK, MICHAEL W., US  
[71] OATEY CO., US  
[22] 1999-12-09  
[43] 2000-10-21  
[30] US (09/295,658) 1999-04-21

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[21] **2,293,070**  
[13] A1

[51] **Int.Cl. 7E03C 1/22 7A61H 33/02 7B08B 9/032**  
[25] EN  
[54] **DRAIN VALVE ASSEMBLY AND METHOD OF CLEANSING**  
[54] **PURGEUR ET METHODE DE PURGE**  
[72] JACUZZI, REMO C., US  
[72] CUNNINGHAM, JEFFREY L., US  
[71] JASON INTERNATIONAL, INC., US  
[22] 1999-12-23  
[43] 2000-10-16  
[30] US (60/129,628) 1999-04-16  
[30] US (09/373,997) 1999-08-16

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[21] **2,293,093**  
[13] A1

[51] **Int.Cl. 7E06B 7/082 7F24F 13/12**  
[25] FR  
[54] **CADRE AVEC VOLETS COULISSANTS VERTICALEMENT**  
[54] **FRAME WITH VERTICAL SLIDING BLINDS**  
[72] BAILLARGEON, RODRIGUE, CA  
[71] BAILLARGEON, RODRIGUE, CA  
[22] 1999-12-20  
[43] 2000-10-17

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[21] **2,295,271**  
[13] A1

[51] **Int.Cl. 7B66F 3/22**  
[25] EN  
[54] **PANTAGRAPH-TYPE JACK, AND PROCESS FOR PRODUCING THE SAME**  
[54] **CRIC DU GENRE PANTOGRAPHE, ET METHODE DE FABRICATION**  
[72] KIKUCHI, NORIYUKI, JP  
[71] RIKENKAKI KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-01-12  
[43] 2000-10-15  
[30] JP (11-107561) 1999-04-15

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[21] **2,295,456**  
[13] A1

[51] **Int.Cl. 7F04B 53/18 7F04C 15/00 7F04C 29/02**  
[25] EN  
[54] **GROOVED ROTOR FOR AN INTERNAL GEAR PUMP**  
[54] **ROTOR RAINURE POUR POMPE A ENGRENAGES INTERIEURS**  
[72] MULCAHY, MICHAEL K., US  
[71] TUTHILL CORPORATION, US  
[22] 2000-01-11  
[43] 2000-10-21  
[30] US (295,947) 1999-04-21

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[21] **2,297,233**  
[13] A1

[51] **Int.Cl. 7G06T 7/20**  
[25] EN  
[54] **METHOD FOR ESTIMATING OPTICAL FLOW**  
[54] **METHODE D'ESTIMATION DU FLUX OPTIQUE**  
[72] ROY, SEBASTIEN, US  
[71] NEC CORPORATION, JP  
[22] 2000-01-26  
[43] 2000-10-20  
[30] US (60/130,168) 1999-04-20  
[30] US (09/391,732) 1999-09-08

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[21] **2,297,621**  
[13] A1

[51] **Int.Cl. 7B62D 33/037**  
[25] EN  
[54] **CARGO BOX SIDEWALL LATCH**  
[54] **LOQUET POUR PAROI LATERALE DE CARROSSERIE CARGO**  
[72] SHAMBEAU, THOMAS ALLAN, US  
[72] HANSEN, LOREN FREDRICK, US  
[71] DEERE & COMPANY, US  
[22] 2000-02-03  
[43] 2000-10-15  
[30] US (09/292,489) 1999-04-15

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[21] **2,298,039**  
[13] A1

[51] **Int.Cl. 7A46B 5/02**  
[25] EN  
[54] **AN IMPROVED STRUCTURE OF A BRUSH**  
[54] **STRUCTURE DE BROUSSE AMELIOREE**  
[72] HUANG, CHENG-HO, TW  
[71] HUANG, CHENG-HO, TW  
[22] 2000-02-04  
[43] 2000-10-20  
[30] US (09/294,550) 1999-04-20

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[21] **2,298,076**  
[13] A1

[51] **Int.Cl. 7B62D 33/037 7E05B 65/19**  
[25] EN  
[54] **TAILGATE SUPPORT AND LATCH**  
[54] **SUPPORT ET LOQUET POUR HAYON ARRIERE**  
[72] HANSEN, LOREN FREDRICK, US  
[72] SHAMBEAU, THOMAS ALLAN, US  
[71] DEERE & COMPANY, US  
[22] 2000-02-03  
[43] 2000-10-15  
[30] US (09/292,419) 1999-04-15

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[21] **2,298,200**  
[13] A1

[51] **Int.Cl. 7B60S 11/00**  
[25] EN  
[54] **SLING LOAD PORTAL FOR CARGO BOX**  
[54] **PORTIQUE POUR CHARGE SOUS ELINGUE DE CARROSSERIE CARGO**  
[72] HANSEN, LOREN FREDRICK, US  
[72] SHAMBEAU, THOMAS ALLAN, US  
[71] DEERE & COMPANY, US  
[22] 2000-02-08  
[43] 2000-10-15  
[30] US (09/292,490) 1999-04-15



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[21] **2,298,243**  
[13] A1  
[51] **Int.Cl. 7B60Q 1/04 7H05B 37/02**  
[25] EN  
[54] **MULTIPLEX LIGHT HARNESS**  
[54] **FAISCEAU DE LUMIERES**  
**MULTIPLEX**  
[72] PERDEC, ROMAN, CA  
[71] THE LOUIS BERKMAN COMPANY,  
US  
[22] 2000-02-07  
[43] 2000-10-21  
[30] US (09/294,905) 1999-04-21

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[21] **2,298,303**  
[13] A1  
[51] **Int.Cl. 7B60P 7/08 7F16B 45/00**  
[25] EN  
[54] **TIE-DOWN ANCHOR**  
[54] **DISPOSITIF D'ARRIMAGE**  
[72] HANSEN, LOREN FREDRICK, US  
[72] SHAMBEAU, THOMAS ALLAN, US  
[71] DEERE & COMPANY, US  
[22] 2000-02-04  
[43] 2000-10-15  
[30] US (09/292,828) 1999-04-15

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[21] **2,298,801**  
[13] A1  
[51] **Int.Cl. 7H04M 11/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**IMPROVED DATA TRANSMISSIONS**  
**ON TELEPHONE LINKS BETWEEN**  
**SERVICE PROVIDERS AND REMOTE**  
**CLIENTS**  
[54] **METHODE ET APPAREIL**  
**PERMETTANT D'AMELIORER LES**  
**TRANSMISSIONS DE DONNEES SUR**  
**DES LIAISONS TELEPHONIQUES**  
**ENTRE FOURNISSEURS DE SERVICES**  
**ET CLIENTS ELOIGNES**  
[72] KOSTAN, DEAN ANTHONY, US  
[72] VAIDYA, AVINASH K., US  
[72] POIRIER, LOUIS, US  
[72] URIBE, JUAN RAMON, US  
[72] LAZAR, PATRICK I., US  
[72] TORRES, YAMEL, US  
[72] ZHONG, XIAOYUE, US  
[71] CHARLES INDUSTRIES, LTD., US  
[22] 2000-02-16  
[43] 2000-10-15  
[30] US (09/292,270) 1999-04-15

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[21] **2,298,865**  
[13] A1  
[51] **Int.Cl. 7B25C 1/04**  
[25] EN  
[54] **IMPACT BLOW ACTUATED**  
**PNEUMATIC FASTENER DRIVING**  
**TOOL**  
[54] **MARTEAU CLOEUR**  
**PNEUMATIQUE ACTIONNE PAR**  
**IMPACTS**  
[72] DÉZIEL, ANDRÉ, CA  
[71] DÉZIEL, ANDRÉ, CA  
[22] 2000-02-15  
[43] 2000-10-18

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[21] **2,298,953**  
[13] A1  
[51] **Int.Cl. 7B60Q 1/08**  
[25] EN  
[54] **NON-HANDED HORIZONTAL**  
**ADJUSTOR MECHANISM**  
[54] **MECANISME DE REGLAGE**  
**HORIZONTAL AUTOMATIQUE**  
[72] DENLEY, RONALD S., US  
[71] ELCO TEXTRON INC., US  
[22] 2000-02-18  
[43] 2000-10-16  
[30] US (09/293,853) 1999-04-16

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[21] **2,299,088**  
[13] A1  
[51] **Int.Cl. 7B29C 53/26 7B31F 1/26**  
[25] EN  
[54] **METHOD FOR SHAPING STRIP-**  
**LIKE FILMS**  
[54] **METHODE DE PROFILAGE DE**  
**BANDES DE FILM**  
[72] MARTIN, BAR, CH  
[71] SULZER CHEMTECH AG, CH  
[22] 2000-02-22  
[43] 2000-10-15  
[30] EP (99 810 312.1) 1999-04-15

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[21] **2,299,089**  
[13] A1  
[51] **Int.Cl. 7A47L 11/03 7A47L 11/20**  
**7A47L 11/30**  
[25] EN  
[54] **LIQUID EXTRACTION MACHINE**  
**AND METHOD FOR CLEANING**  
**FLOOR SURFACES**  
[54] **MACHINE D'EXTRACTION DE**  
**LIQUIDE ET METHODE DE**  
**NETTOYAGE DE PLANCHERS**  
[72] FULGHUM, TRENT A., US  
[71] ALTO U.S. INC., US  
[22] 2000-02-22  
[43] 2000-10-15  
[30] US (60/129,499) 1999-04-15

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[21] **2,299,188**  
[13] A1  
[51] **Int.Cl. 7B01J 20/18 7B01D 53/047**  
[25] EN  
[54] **PSA PROCESS USING AN**  
**ADSORBENT OF INTRINSIC**  
**STRENGTH FAVOURABLE TO THE**  
**ADSORPTION KINETICS**  
[54] **PROCEDE AMP FAISANT**  
**INTERVENIR UN ADSORBANT AYANT**  
**UNE RESISTANCE INTRINSEQUE**  
**FAVORABLE A LA CINETIQUE**  
**D'ADSORPTION**  
[72] LABASQUE, JACQUES, FR  
[72] LLEDOS, BERNARD, FR  
[71] L' AIR LIQUIDE, SOCIETE  
ANONYME POUR L'ETUDE ET  
L'EXPLOITATION DES, FR  
[22] 2000-02-23  
[43] 2000-10-19  
[30] FR (99 04885) 1999-04-19

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[21] **2,299,190**  
[13] A1  
[51] **Int.Cl. 7A62C 33/00 7F16L 33/02**  
[25] EN  
[54] **HOSE STRANGLER**  
[54] **ETRANGLEUR DE BOYAU**  
[72] HROMINCHUK, LEN, CA  
[71] WILDFIRE FIRE EQUIPMENT INC.,  
CA  
[22] 2000-02-23  
[43] 2000-10-20  
[30] CA (2,268,416) 1999-04-20

**Demandes canadiennes mises à la disponibilité du public**  
**15 octobre 2000 - 21 octobre 2000**

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[21] **2,299,647**  
[13] A1

[51] **Int.Cl. 7B62D 1/04 7B29D 31/00**  
[25] EN  
[54] **STEERING WHEEL AND METHOD FOR MANUFACTURING SAME**  
[54] **VOLANT ET METHODE DE FABRICATION**  
[72] TANABE, JUN, JP  
[72] SUZUKI, TAKASHI, JP  
[71] CUBIC CO., LTD., JP  
[71] MISAWA HOMES CO., LTD., JP  
[22] 2000-02-25  
[43] 2000-10-19  
[30] JP (11-110912) 1999-04-19  
[30] JP (11-225315) 1999-08-09

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[21] **2,299,755**  
[13] A1

[51] **Int.Cl. 7B60P 3/00 7F17C 1/00 7B63B 25/14 7B60P 3/22**  
[25] EN  
[54] **NATURAL GAS COMPOSITION TRANSPORT SYSTEM AND METHOD**  
[54] **METHODE ET SYSTEME DE TRANSPORT A COMPOSITION GAZEUSE NATURELLE**  
[72] CAMPBELL, STEVE, CA  
[71] CAMPBELL, STEVE, CA  
[22] 2000-02-28  
[43] 2000-10-19  
[30] US (60/129,878) 1999-04-19

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[21] **2,300,254**  
[13]

[51] **Int.Cl. 7B26B 21/06**  
[25] EN  
[54] **PIVOTABLE AND FLEXIBLE RAZOR ASSEMBLY AND CARTRIDGE**  
[54] **ENSEMBLE ET CARTOUCHE DE RASOIR PIVOTANTS ET FLEXIBLES**  
[72] FOLLO, THOMAS A., US  
[72] PENNELLA, ANDREW J., US  
[72] RICHARD, PAUL D., US  
[71] WARNER-LAMBERT COMPANY, US  
[22] 2000-03-09  
[43] 2000-10-21  
[30] US (09/295876) 1999-04-21

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[21] **2,299,651**  
[13] A1

[51] **Int.Cl. 7B24B 21/04**  
[25] EN  
[54] **BELT SANDER WITH CONTROL BAR**  
[54] **PONCEUSE A COURROIE COMPRENANT UNE BARRE DE COMMANDE**  
[72] TASIKAS, JAMES, CA  
[71] TASIKAS, JAMES, CA  
[22] 2000-02-25  
[43] 2000-10-19  
[30] US (09/294,674) 1999-04-19

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[21] **2,299,789**  
[13]

[51] **Int.Cl. 7H02K 9/02**  
[25] EN  
[54] **MOTOR COOLING AND SOUND ABSORBING SYSTEM**  
[54] **SYSTEME DE REFROIDISSEMENT ET D'ABSORPTION SONORE POUR MOTEUR**  
[72] MILLER, BRENT A., US  
[72] BOOZER, RICHARD D., US  
[72] FOISY, PAUL K., US  
[72] LACHENDRO, JIM, US  
[72] GEIDEMAN, CURT M., US  
[71] VITA-MIX CORPORATION, US  
[22] 2000-02-23  
[43] 2000-10-21  
[30] US (09/296,066) 1999-04-21

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[21] **2,300,351**  
[13]

[51] **Int.Cl. 7H05B 41/14**  
[25] EN  
[54] **FLUORESCENT LAMP BALLAST COMBINED WITH ELECTRONIC STARTER AND RESONANT CAPACITOR FOR REDUCING INPUT CURRENT**  
[54] **BALLAST DE LAMPE FLUORESCENTE AVEC DEMARREUR ELECTRONIQUE ET CONDENSATEUR RESONANT DE REDUCTION DU COURANT D'ENTREE**  
[72] DIAMANTE, ERMILDO R., PH  
[72] NGO, ERIC, PH  
[71] DIAMANTE, ERMILDO R., PH  
[71] NGO, ERIC, PH  
[22] 2000-03-10  
[43] 2000-10-21  
[30] PH (1-1999-00897) 1999-04-21

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[21] **2,299,745**  
[13] A1

[51] **Int.Cl. 7B41F 23/04 7B41F 5/24**  
[25] EN  
[54] **DRYER FOR FLEXOGRAPHIC AND GRAVURE PRINTING**  
[54] **SECHEUR POUR IMPRESSION FLEXOGRAPHIQUE ET PAR GRAVURE**  
[72] MUDRY, ROMAN J., US  
[71] PAPER CONVERTING MACHINE COMPANY, US  
[22] 2000-02-28  
[43] 2000-10-16  
[30] US (09/293,550) 1999-04-16

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[21] **2,299,930**  
[13] A1

[51] **Int.Cl. 7F04B 17/03 7H02K 33/02**  
[25] EN  
[54] **ELECTRICALLY OPERATED LINEAR MOTOR WITH INTEGRATED FLEXURE SPRING AND CIRCUIT FOR USE IN RECIPROCATING COMPRESSOR**  
[54] **MOTEUR LINEAIRE ELECTRIQUE AVEC RESSORT DE FLEXION ET CIRCUIT DESTINES A ETRE UTILISES DANS UN COMPRESSEUR VOLUMETRIQUE A PISTONS**  
[72] NELSON, ARTHUR RANDALL, US  
[72] DONAHOE, THOMAS S., US  
[71] LITTON SYSTEMS, INC., US  
[22] 2000-03-03  
[43] 2000-10-16  
[30] US (09/292984) 1999-04-16

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[21] **2,300,553**  
[13]

[51] **Int.Cl. 7B26B 21/14**  
[25] EN  
[54] **PIVOTABLE RAZOR ASSEMBLY AND CARTRIDGE**  
[54] **ENSEMBLE ET CARTOUCHE DE RASOIR PIVOTANTS**  
[72] RICHARD, PAUL, US  
[72] FOLLO, THOMAS, US  
[71] WARNER-LAMBERT COMPANY, US  
[22] 2000-03-08  
[43] 2000-10-21  
[30] US (09/295881) 1999-04-21

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[21] **2,300,577**  
[13] A1  
[51] **Int.Cl. 7H04N 7/00 7B64D 47/08 7H04N 7/18**  
[25] EN  
[54] **DISPOSITIF D'EMISSION D'IMAGES VIDEO NUMERIQUES**  
[54] **DIGITAL VIDEO IMAGE TRANSMISSION DEVICE**  
[72] GOBBO, GILLES, FR  
[71] AEROSPATIALE MATRA AIRBUS, FR  
[22] 2000-03-14  
[43] 2000-10-16  
[30] FR (99 04776) 1999-04-16

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[21] **2,300,679**  
[13] A1  
[51] **Int.Cl. 7A61K 47/10 7A61P 1/00**  
[25] EN  
[54] **METHOD OF REDUCING INTESTINAL GAS, CRAMPING AND ANORECTAL IRRITATION**  
[54] **METHODE POUR REDUIRE LES GAZ INTESTINAUX, LES CRAMPES ET L'IRRITATION ANORECTALE**  
[72] CLEVELAND, MARK vB, US  
[72] PELHAM, RUSSELL W., US  
[71] BRAINTREE LABORATORIES, INC., US  
[22] 2000-03-14  
[43] 2000-10-20  
[30] US (60/130,115) 1999-04-20  
[30] US (09/348,376) 1999-07-07

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[21] **2,300,689**  
[13] A1  
[51] **Int.Cl. 7F16H 55/17 7B21J 5/12**  
[25] EN  
[54] **SPROCKET WITH DOG GEAR**  
[54] **ROUE DENTEE A ROUE A CLIQUET**  
[72] SHIMOMURA, MITSUHIKO, JP  
[71] O-OKA CORPORATION, JP  
[22] 2000-03-14  
[43] 2000-10-20  
[30] JP (11-112751) 1999-04-20

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[21] **2,300,756**  
[13] A1  
[51] **Int.Cl. 7G06F 17/50 7G11B 23/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONFIGURING DYNAMIC GRAPH PROCESSORS**  
[54] **METHODE ET APPAREIL POUR LA CONFIGURATION DE PROCESSEURS DE GRAPHES DYNAMIQUES**  
[72] HUELSBERGEN, LORENZ FRANCIS, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-03-16  
[43] 2000-10-20  
[30] US (09/295,252) 1999-04-20

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[21] **2,301,213**  
[13] A1  
[51] **Int.Cl. 7H04L 29/12 7H04L 12/12**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SCANNING & STORING UNIVERSAL RESOURCE LOCATOR CODES**  
[54] **SYSTEME ET METHODE POUR BALAYER ET METTRE EN MEMOIRE DES ADRESSES URL**  
[72] BANSAL, PRADEEP K., US  
[71] AT&T CORP., US  
[22] 2000-03-15  
[43] 2000-10-19  
[30] US (09/293,910) 1999-04-19

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[21] **2,301,236**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **SUPPORTING CONCENTRATOR IN MULTIPLE PAGING CHANNEL ENVIRONMENT**  
[54] **CONCENTRATEUR DE SOUTIEN DANS UN ENVIRONNEMENT A MULTIPLES CANAUX DE TELEAPPEL**  
[72] MIZIKOVSKY, SEMYON B., US  
[72] KOO, YUEN-YIN L., US  
[72] PITTAMPALLI, ESHWAR, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-03-15  
[43] 2000-10-16  
[30] US (09/293,330) 1999-04-16

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[21] **2,301,240**  
[13] A1  
[51] **Int.Cl. 7E01F 13/00 7E01F 15/00 7E04H 17/20**  
[25] EN  
[54] **COLLAPSIBLE AND REMOVABLE BARRICADE POST ASSEMBLY**  
[54] **ENSEMBLE DE POTEAU DE BARRICADE DEMONTABLE ET AMOVIBLE**  
[72] HOLM, CARL DAVID, CA  
[71] HOLM, CARL DAVID, CA  
[22] 2000-02-28  
[43] 2000-10-20  
[30] US (5,895,169) 1999-04-20

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[21] **2,301,341**  
[13] A1  
[51] **Int.Cl. 7H04M 17/00**  
[25] EN  
[54] **PREPAID BILLING METHOD FOR COMMUNICATION SYSTEMS**  
[54] **METHODE DE PREPAIEMENT POUR SYSTEMES DE COMMUNICATION**  
[72] KU, PENG-SHENG, US  
[72] YU, BEE YUN, US  
[72] FANG, I-NING HSU, SG  
[72] TING, JASON CHENG, CN  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-03-17  
[43] 2000-10-15  
[30] US (09/292,210) 1999-04-15

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[21] **2,301,356**  
[13] A1  
[51] **Int.Cl. 7G01B 3/00 7B65G 61/00 7B65G 57/16**  
[25] EN  
[54] **A GAGE ELEMENT FOR PERFORMING AUTOMATIC SETTING OF A MACHINE FOR MANIPULATING ARTICLES, SUCH AS A PALLETIZATION MACHINE**  
[54] **JAUGE POUR LE REGLAGE AUTOMATIQUE D'UNE MACHINE DE MANIPULATION D'ARTICLES, PAR EXEMPLE UNE MACHINE DE PALETTISATION**  
[72] YABLONOVITCH, MAX, CA  
[71] KALISH CANADA INC., CA  
[22] 2000-03-20  
[43] 2000-10-16  
[30] US (09/293,122) 1999-04-16

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,301,415**  
[13] A1

[51] **Int.Cl. 7F04D 11/00 7F04D 1/00**  
**7F01D 1/02 7F04B 17/03 7H02K 7/108**  
**7H02K 7/14 7H02K 7/18**  
[25] EN  
[54] **HELICAL FLOW COMPRESSOR/  
TURBINE PERMANENT MAGNET  
MOTOR/GENERATOR**  
[54] **MOTEUR/GENERATRICE A  
AIMANT PERMANENT POUR  
COMPRESSEUR/TURBINE A  
ECOULEMENT HELICOIDAL**  
[72] LAMPE, STEVEN W., US  
[72] STEWART, MATTHEW J., US  
[72] WEISSERT, DENNIS H., US  
[71] CAPSTONE TURBINE  
CORPORATION, US  
[22] 2000-03-20  
[43] 2000-10-19  
[30] US (09/295,238) 1999-04-19

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[21] **2,301,417**  
[13] A1

[51] **Int.Cl. 7B42F 5/02 7B42F 21/00**  
[25] EN  
[54] **SLEEVEING SYSTEM FOR  
PHOTOGRAPHIC FILM NEGATIVES**  
[54] **SYSTEME A Pochettes pour  
NEGATIFS DE FILM  
PHOTOGRAPHIQUE**  
[72] TRUC, JAMES A., US  
[71] PAKON, INC., US  
[22] 2000-03-20  
[43] 2000-10-20  
[30] US (09/295,203) 1999-04-20

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[21] **2,301,435**  
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04L 12/24**  
[25] EN  
[54] **METHOD FOR REDUCING  
CONGESTION IN PACKET-SWITCHED  
NETWORKS**  
[54] **METHODE DE REDUCTION DE  
L'ENCOMBREMENT DANS DES  
RESEAUX A COMMUTATION DE  
PAQUETS**  
[72] BELANGER, DAVID GERALD, US  
[72] CACERES, RAMON, US  
[72] BELLOVIN, STEVEN MICHAEL, US  
[72] NAGEL, DAVID C., US  
[71] AT&T CORP., US  
[22] 2000-03-14  
[43] 2000-10-16  
[30] US (09/292,024) 1999-04-16

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[21] **2,301,453**  
[13] A1

[51] **Int.Cl. 7H01M 2/14**  
[25] EN  
[54] **STRUCTURALLY STABLE,  
FUSIBLE BATTERY SEPARATORS  
AND METHOD OF MAKING SAME**  
[54] **ISOLATEURS  
D'ACCUMULATEUR FUSIBLES ET  
STRUCTURELLEMENT STABLES ET  
METHODE POUR LES FABRIQUER**  
[72] HUX, SHAWN E., US  
[72] COOK, PIERRE C., US  
[72] CALL, RONALD W., US  
[72] VAN NGUYEN, KHUY, US  
[72] YU, WEI-CHING, US  
[71] CELGARD INC. (FORMERLY  
CELGARD LLC), US  
[22] 2000-03-21  
[43] 2000-10-20  
[30] US (09/296,682) 1999-04-20

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[21] **2,301,463**  
[13] A1

[51] **Int.Cl. 7F24C 7/08 7F24C 15/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
INTELLIGENT COOKING PROCESS**  
[54] **METHODE ET APPAREIL DE  
CUISSON INTELLIGENTE**  
[72] LEUKHARDT, H. ALAN III, US  
[72] UY, DINDO S., US  
[72] WALSH, CYRAL MARTIN, US  
[71] THERMADOR CORPORATION, US  
[22] 2000-03-21  
[43] 2000-10-15  
[30] US (09/292,689) 1999-04-15

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[21] **2,301,466**  
[13]

[51] **Int.Cl. 7B26B 21/06**  
[25] EN  
[54] **FLEXIBLE RAZOR ASSEMBLY  
AND CARTRIDGE**  
[54] **ENSEMBLE ET CARTOUCHE DE  
RASOIR FLEXIBLES**  
[72] RICHARD, PAUL D., US  
[71] WARNER-LAMBERT COMPANY, US  
[22] 2000-03-15  
[43] 2000-10-21  
[30] US (09/295880) 1999-04-21

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[21] **2,301,468**  
[13]

[51] **Int.Cl. 7B21B 21/06**  
[25] EN  
[54] **RAZOR ASSEMBLY AND  
CARTRIDGE WITH WASH-THROUGH  
HOLES**  
[54] **ENSEMBLE ET CARTOUCHE DE  
RASOIR AVEC TROUS DE LAVAGE**  
[72] RICHARD, PAUL D., US  
[72] FERRARO, FRANK ANTHONY, US  
[72] HULTMAN, CARL ARTHUR, US  
[72] ROCKWELL, DOUGLAS, US  
[71] WARNER-LAMBERT COMPANY, US  
[22] 2000-03-15  
[43] 2000-10-21  
[30] US (09/295879) 1999-04-21

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[21] **2,301,930**  
[13]

[51] **Int.Cl. 7C09D 183/07 7C09D 183/10**  
[25] EN  
[54] **SILICONE RUBBER BASED  
COATING COMPOSITION FOR AIR  
BAGS**  
[54] **COMPOSITION DE REVETEMENT  
A BASE DE CAOUTCHOUC SILICONE  
POUR COUSSINS GONFLABLES**  
[72] NAKAMURA, AKITO, JP  
[72] TSUJI, YUICHI, JP  
[71] DOW CORNING TORAY SILICONE  
COMPANY, LTD., JP  
[22] 2000-03-21  
[43] 2000-10-21  
[30] JP (11-1113639) 1999-04-21

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[21] **2,302,071**  
[13] A1

[51] **Int.Cl. 7H04L 12/56**  
[25] EN  
[54] **RESEQUENCING METHOD  
[54] METHODE DE  
RESEQUENCEMENT**  
[72] HOEKSTRA, GEERT JAN, NL  
[71] ALCATEL, FR  
[22] 2000-03-27  
[43] 2000-10-16  
[30] EP (99400937.1) 1999-04-16

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[21] **2,302,081**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **METHOD FOR CONVERTING AN EXISTING SUBSCRIBER TO A WIRELESS COMMUNICATIONS SYSTEM**  
[54] **METHODE DE CONVERSION D'UN EQUIPEMENT D'ABONNE EXISTANT A UN SYSTEME DE COMMUNICATIONS SANS FIL**  
[72] KU, PENG-SHENG, US  
[72] TING, JASON CHENG, CN  
[72] FANG, I-NING HSU, SG  
[72] YU, BEE YUN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-03-24  
[43] 2000-10-15  
[30] US (09/292,238) 1999-04-15

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[21] **2,302,103**  
[13] A1

[51] **Int.Cl. 7H01L 33/00**  
[25] EN  
[54] **QUANTUM WELL TYPE LIGHT-EMITTING DIODE**  
[54] **DIODE ELECTROLUMINESCENTE A Puits QUANTIQUE**  
[72] MIZUNO, YOSHIYUKI, JP  
[71] DAIDO TOKUSHUKO KABUSHIKI KAISHA, JP  
[22] 2000-03-24  
[43] 2000-10-15  
[30] JP (11-107865) 1999-04-15

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[21] **2,302,123**  
[13] A1

[51] **Int.Cl. 7B65D 85/57**  
[25] EN  
[54] **MEDIA DISK STORAGE CONTAINER WITH SPINE COVER**  
[54] **BOITIER DE DISQUE COMPRENANT UN COUVERCLE SUR L'EXTREMITE COTE CHARNIERE**  
[72] ROTH, RICHARD, US  
[72] PLUMB, WILLIAM L., US  
[71] Q2 MARKETING, LLC, US  
[22] 2000-03-24  
[43] 2000-10-19  
[30] US (09/293,870) 1999-04-19

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[21] **2,302,136**  
[13] A1

[51] **Int.Cl. 7E03D 1/30**  
[25] EN  
[54] **ADJUSTABLE HEIGHT FILL VALVE**  
[54] **ROBINET DE REMPLISSAGE A NIVEAU REGLABLE**  
[72] FRICK, TIM A., US  
[72] KINGMAN, ROSS E., US  
[72] KASTELIC, EDWARD D., US  
[71] GISH, LARRY D., US  
[71] MOEN INCORPORATED, US  
[22] 2000-03-27  
[43] 2000-10-19  
[30] US (09/294,061) 1999-04-19

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[21] **2,302,140**  
[13] A1

[51] **Int.Cl. 7H04L 9/16 7H04B 7/216**  
[25] EN  
[54] **A METHOD OF ENHANCING SECURITY FOR THE TRANSMISSION OF INFORMATION**  
[54] **METHODE POUR AUGMENTER LA SECURITE DE LA TRANSMISSION D'INFORMATION**  
[72] RUDRAPATNA, ASHOK N., US  
[72] GIARDINA, CHARLES ROBERT, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-03-27  
[43] 2000-10-19  
[30] US (09/294,165) 1999-04-19

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[21] **2,302,457**  
[13] A1

[51] **Int.Cl. 7F23D 14/58 7F24C 3/08**  
[25] EN  
[54] **BURNER WITH PILOTING PORTS**  
[54] **BRULEURS AVEC ORIFICES DE COMMANDE**  
[72] JENNINGS, RALPH ERNEST, US  
[71] THERMADOR CORPORATION, US  
[22] 2000-03-23  
[43] 2000-10-15  
[30] US (09/292,690) 1999-04-15

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[21] **2,302,602**  
[13] A1

[51] **Int.Cl. 7B01D 46/12**  
[25] EN  
[54] **FILTER MEDIA CONFIGURATION**  
[54] **MILIEU FILTRANT**  
[72] CARAWAN, PAUL, US  
[71] DANA CORPORATION, US  
[22] 2000-03-28  
[43] 2000-10-20  
[30] US (09/294,144) 1999-04-20

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[21] **2,302,656**  
[13] A1

[51] **Int.Cl. 7F16L 3/18**  
[25] EN  
[54] **A PIPE APPARATUS AND SYSTEM FOR PREVENTING NON-AXIAL PIPE MOVEMENT**  
[54] **APPAREIL ET SYSTEME DE TUYAUTERIE POUR EMPECHER LE DEPLACEMENT NON AXIAL DES TUYAUX**  
[72] RICHTER, JAMES R., US  
[71] METRAFLEX COMPANY, US  
[22] 2000-03-28  
[43] 2000-10-19  
[30] US (09/293,778) 1999-04-19

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[21] **2,302,849**  
[13] A1

[51] **Int.Cl. 7F16F 7/12 7B21C 37/16 7B60R 19/18 7B60R 19/34**  
[25] FR  
[54] **ORGANE ABSORBEUR DE CHOC ET PROCEDE DE FABRICATION**  
[54] **SHOCK ABSORBING DEVICE AND MANUFACTURING PROCESS**  
[72] REYNAERT, ALAIN, FR  
[71] SOLLAC, FR  
[22] 2000-03-29  
[43] 2000-10-15  
[30] FR (99/04701) 1999-04-15

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[21] **2,302,852**  
[13] A1

[51] **Int.Cl. 7H04L 29/06**  
[25] FR  
[54] **PROCEDE DE MODIFICATION D'UN PROTOCOLE ENTRE OBJETS DISTRIBUES**  
[54] **PROCESS FOR MODIFYING A PROTOCOL BETWEEN DISTRIBUTED OBJECTS**  
[72] BANCTEL, FABRICE, FR  
[72] PIETRE, ARMEL, FR  
[71] ALCATEL, FR  
[22] 2000-03-29  
[43] 2000-10-15  
[30] FR (99 04 713) 1999-04-15

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[21] **2,302,871**  
[13] A1

[51] **Int.Cl. 7C04B 24/12**  
[25] EN  
[54] **CORROSION INHIBITING ADMIXTURE FOR CONCRETE**  
[54] **ADMIXTION INHIBITRICE DE LA CORROSION POUR LE BETON**  
[72] LANE, DONALD R., US  
[72] MELENDEZ, JOSE A., US  
[72] MUNTEANU, VIOLETA F., US  
[72] KINNEY, FREDERICK D., US  
[71] TOMAHAWK, INC., US  
[22] 2000-03-29  
[43] 2000-10-19  
[30] US (09/295,117) 1999-04-19

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[21] **2,303,597**  
[13] A1

[51] **Int.Cl. 7A63F 13/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR VIDEO GAME SENSORY FEEDBACK**  
[54] **METHODE ET APPAREILLAGE DE RETROACTION SENSORIELLE POUR JEU VIDEO**  
[72] THUBRON, BRIAN J., CA  
[72] BRODOWICH, JOSEPH BRUCE, CA  
[71] THUBRON, BRIAN J., CA  
[71] BRODOWICH, JOSEPH BRUCE, CA  
[22] 2000-04-03  
[43] 2000-10-19  
[30] US (60/129,917) 1999-04-19

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[21] **2,303,662**  
[13] A1

[51] **Int.Cl. 7F16K 31/122 7E21B 7/00 7F16K 15/02 7F16K 17/02 7F16K 24/02 7E21B 34/06 7F16K 1/24**  
[25] EN  
[54] **MUD SAVER KELLY VALVE**  
[54] **SOUPAPE A TIGE CARREE AVEC PROTECTEUR CONTRE LA BOUE**  
[72] MAJKOVIC, DAVOR, CA  
[71] SMITH INTERNATIONAL, INC., US  
[22] 2000-04-03  
[43] 2000-10-16  
[30] US (09/293,548) 1999-04-16

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[21] **2,302,891**  
[13] A1

[51] **Int.Cl. 7B23K 28/00 7G01H 9/00**  
[25] EN  
[54] **AMPLITUDE MEASUREMENT FOR AN ULTRASONIC HORN**  
[54] **MESURE D'AMPLITUDE POUR AVERTISSEUR A ULTRASONS**  
[72] EHLERT, THOMAS D., US  
[72] FRANKLIN, KENT A., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 2000-03-29  
[43] 2000-10-15  
[30] US (09/292,194) 1999-04-15

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[21] **2,303,649**  
[13] A1

[51] **Int.Cl. 7F16L 55/00 7F16L 41/02 7F16L 37/244**  
[25] EN  
[54] **MANIFOLD COLLECTEUR**  
[72] KLAMPFER, JOHANN, AT  
[71] MULTITHERM FUSSBODEN-HEIZUNG GES.M.B.H. U. CO.KG, AT  
[22] 2000-03-31  
[43] 2000-10-16  
[30] AT (GM 256/99) 1999-04-16

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[21] **2,303,669**  
[13] A1

[51] **Int.Cl. 7F25B 1/10 7F25B 31/00**  
[25] EN  
[54] **REFRIGERATION SYSTEM HAVING A REFRIGERATION CYCLE WHICH PROVIDES OPTIMIZED CONSUMPTION**  
[54] **SYSTEME DE REFRIGERATION COMPRENANT UN CYCLE FRIGORIFIQUE QUI ASSURE UNE CONSOMMATION OPTIMALE**  
[72] ZANON, LUCIANO, IT  
[71] ZANON, LUCIANO, IT  
[22] 2000-04-03  
[43] 2000-10-19  
[30] IT (TV99A000044) 1999-04-19

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[21] **2,303,592**  
[13] A1

[51] **Int.Cl. 7F24H 1/10 7F24H 9/20**  
[25] EN  
[54] **ELECTRIC WATER HEATER**  
[54] **CHAUFFE-EAU ELECTRIQUE**  
[72] THWEATT, CARLISLE, US  
[71] SHERWOOD-TEMPLETON COAL COMPANY, INC., US  
[22] 2000-03-30  
[43] 2000-10-19  
[30] US (09/294,765) 1999-04-19

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[21] **2,303,660**  
[13] A1

[51] **Int.Cl. 7C10M 169/04 7C10M 129/10 7C10M 133/12 7C10M 129/50**  
[25] EN  
[54] **LUBRICATING OIL COMPOSITIONS**  
[54] **COMPOSITIONS POUR HUILE LUBRIFIANTE**  
[72] DUNN, ADRIAN, GB  
[71] INFINEUM INTERNATIONAL LIMITED, GB  
[22] 2000-04-03  
[43] 2000-10-17  
[30] GB (9908771.0) 1999-04-17

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[21] **2,303,681**  
[13] A1

[51] **Int.Cl. 7A63H 27/10**  
[25] EN  
[54] **BALLOON**  
[54] **BALLON**  
[72] KOMABA, KUNIO, JP  
[71] KOMABA, KUNIO, JP  
[22] 2000-04-03  
[43] 2000-10-15  
[30] JP (11(1999)-108642) 1999-04-15

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[21] **2,303,701**  
[13] A1

[51] **Int.Cl. 7E04C 5/07**  
[25] EN  
[54] **REINFORCING ROD**  
[54] **TIGE RENFORCEE**  
[72] FAORO, MARTIN, DE  
[72] WEBER, ANDRE, DE  
[71] SCHOCK BAUTEILE GMBH, DE  
[22] 2000-04-04  
[43] 2000-10-15  
[30] DE (199 17 126.2) 1999-04-15

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[21] 2,303,715  
[13] A1

[51] Int.Cl. 7H04Q 7/24  
[25] EN  
[54] METHOD FOR IMPROVED TRANSMISSION EFFICIENCY BETWEEN DATA NETWORKS AND WIRELESS COMMUNICATION SYSTEMS  
[54] METHODE AMELIORANT L'EFFICIENCE DES TRANSMISSIONS ENTRE RESEAUX DE DONNEES ET SYSTEMES DE COMMUNICATION SANS FIL  
[72] MEYERS, MARTIN HOWARD, US  
[72] KUO, WEN-YI, US  
[72] KIANG, T. ROGER, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-04-05  
[43] 2000-10-15  
[30] US (09/292,239) 1999-04-15

[21] 2,303,716  
[13] A1

[51] Int.Cl. 7H04Q 7/36 7H04Q 7/38  
[25] EN  
[54] SYSTEM FOR PROVIDING GUARANTEED WIRELESS COMMUNICATION SERVICE TO PRIORITY WIRELESS COMMUNICATION SUBSCRIBERS  
[54] SYSTEME PERMETTANT D'OFFRIR UN SERVICE DE COMMUNICATION SANS FIL GARANTI AUX ABONNES PRIORITAIRES D'UN SERVICE DE COMMUNICATION SANS FIL  
[72] BOLAND, RICHARD ROBERT, US  
[72] MCCORMICK, MARK ALAN, US  
[72] VANASEK, RONALD MARK, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-04-05  
[43] 2000-10-16  
[30] US (09/293,586) 1999-04-16

[21] 2,303,719  
[13] A1

[51] Int.Cl. 7H04M 3/02 7G08B 3/10  
[25] EN  
[54] VOLUME CONTROL FOR AN ALERT GENERATOR  
[54] COMMANDE DE VOLUME POUR GENERATEUR D'ALERTE  
[72] RITTER, KAI-UWE, DE  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-04-05  
[43] 2000-10-19  
[30] US (09/294,166) 1999-04-19

[21] 2,303,753  
[13] A1

[51] Int.Cl. 7B21B 1/18  
[25] EN  
[54] METHOD OF WIRE ROLLING AND ROLLING MILL  
[54] METHODE DE LAMINAGE DE FIL ET LAMINOIR A FIL  
[72] NAGASE, TADAHIRO, JP  
[71] MORGAN CONSTRUCTION COMPANY, US  
[22] 2000-04-06  
[43] 2000-10-15  
[30] JP (11-108647) 1999-04-15

[21] 2,303,973  
[13] A1

[51] Int.Cl. 7A61K 31/55 7A61K 9/22 7A61K 47/32  
[25] EN  
[54] SUSTAINED RELEASE FORMULATION  
[54] PREPARATION A LIBERATION PROLONGEE  
[72] KAPLAN, ROMAN, IL  
[72] FRIEDMAN, MICHAEL, US  
[72] LICHT, DANIELA, IL  
[72] ZHOLKOVSKY, MARINA, IL  
[72] YACOBI, ABRAHAM, IL  
[72] GOLANDER, YECHIEL, US  
[72] MOROS, DAN, US  
[72] LEVITT, BARRIE, US  
[71] TARO PHARMACEUTICAL INDUSTRIES LTD., IL  
[22] 2000-04-06  
[43] 2000-10-15  
[30] US (09/292,609) 1999-04-15

[21] 2,304,260  
[13] A1

[51] Int.Cl. 7G01N 33/58 7G01N 33/533 7C12Q 1/68  
[25] EN  
[54] METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLECULES, NUCLEIC ACID PROBES FOR THE METHOD AND METHOD FOR ANALYZING DATA OBTAINED BY THE METHOD  
[54] METHODE POUR DETERMINER LA CONCENTRATION DE MOLECULES CIBLES D'ACIDES NUCLEIQUES, CAPTEURS A ACIDES NUCLEIQUES POUR CETTE METHODE ET METHODE POUR ANALYSER LES DONNEES AINSI OBTENUES  
[72] KAMAGATA, YOICHI, JP  
[72] KANAGAWA, TAKAHIRO, JP  
[72] KURATA, SHINYA, JP  
[72] FURUSHO, KENTA, JP  
[72] KOYAMA, OSAMU, JP  
[72] KURANE, RYUICHIRO, JP  
[72] YOKOMAKU, TOYOKAZU, JP  
[72] YAMADA, KAZUTAKA, JP  
[71] JAPAN BIOINDUSTRY ASSOCIATION, JP  
[71] JAPAN AS REPRESENTED BY SECRETARY OF AGENCY OF INDUSTRIAL SCIENCE AND TE, JP  
[71] KANKYO ENGINEERING CO., LTD., JP  
[22] 2000-04-20  
[43] 2000-10-20  
[30] JP (11-111601) 1999-04-20

[21] 2,304,271  
[13]

[51] Int.Cl. 7B01D 35/02  
[25] EN  
[54] ABOVE DECK MOUNTABLE FILTER CARTRIDGE FOR A FILTER ASSEMBLY  
[54] CARTOUCHE DE FILTRE POUVANT ETRE MONTEE AU-DESSUS DU PONT  
[72] NGUYEN, JACK T., US  
[72] LINGEMAN, JOAN M., US  
[72] DOUGHTY, FREDERICK C., US  
[72] BENSTEAD, EVAN I., US  
[71] EMHART INC., US  
[22] 2000-03-31  
[43] 2000-10-21  
[30] US (60/130,576) 1999-04-21

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[21] **2,304,282**  
[13] A1

[51] **Int.Cl. 7G01L 1/00**  
[25] EN  
[54] **TEST APPARATUS FOR MEASURING STRESSES AND STRAINS**  
[54] **APPAREIL D'ESSAI POUR MESURER LES CONTRAINTES ET LES TENSIONS**  
[72] WEISS, WALTER W., US  
[72] SULLIVAN, JOHN L., US  
[72] EUBIG, JACEK A., US  
[72] BOTT, JEFFREY J., US  
[71] TESTING MACHINES, INC., US  
[22] 2000-04-07  
[43] 2000-10-18  
[30] US (60/128,326) 1999-04-18

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[21] **2,304,323**  
[13] A1

[51] **Int.Cl. 7E21B 49/10**  
[25] EN  
[54] **DEPLOYABLE SENSOR APPARATUS AND METHOD**  
[54] **DISPOSITIF ET METHODE DE CAPTEUR DEPLOYABLE**  
[72] REID, LENNOX E., US  
[72] CIGLENEC, REINHART, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2000-04-07  
[43] 2000-10-16  
[30] US (09/293,859) 1999-04-16

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[21] **2,304,382**  
[13] A1

[51] **Int.Cl. 7B62H 7/00 7B62H 1/10**  
[25] EN  
[54] **HAND HELD STABILIZING BAR FOR A CHILD'S BICYCLE**  
[54] **BARRE DE STABILISATION A MAIN POUR BICYCLETTE D'ENFANT**  
[72] PEARLMAN, MICHAEL, AU  
[71] SAFEBAR PTY LTD, AU  
[22] 2000-04-10  
[43] 2000-10-15  
[30] AU (AU 199923808 B1) 1999-04-15

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[21] **2,304,401**  
[13] A1

[51] **Int.Cl. 7A45D 34/04 7A45D 40/26**  
[25] FR  
[54] **CAPSULE APPLICATRICE ET ENSEMBLE D'APPLICATION EQUIPE D'UNE TELLE CAPSULE APPLICATRICE**  
[54] **APPLICATOR CAPSULE AND APPLICATION SET EQUIPPED WITH SUCH AN APPLICATOR CAPSULE**  
[72] GUERET, JEAN-LOUIS H., FR  
[71] L'OREAL, FR  
[22] 2000-03-30  
[43] 2000-10-16  
[30] FR (99 04 816) 1999-04-16

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[21] **2,304,418**  
[13]

[51] **Int.Cl. 7H01S 3/10**  
[25] EN  
[54] **LASER SYSTEM PROVIDING POWER RAMP-UP AND METHOD OF OPERATING SAME**  
[54] **SYSTEME LASER A AUGMENTATION GRADUELLE DE LA PUISSANCE ET METHODE D'UTILISATION DE CE SYSTEME**  
[72] MOYA, FRANCOIS, US  
[72] HERITIER, JEAN-MARC, US  
[71] HOYA PHOTONICS, INC., US  
[22] 2000-04-03  
[43] 2000-10-21  
[30] US (09/295,686) 1999-04-21

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[21] **2,304,421**  
[13] A1

[51] **Int.Cl. 7C08G 18/80 7C09D 175/00 7C09J 175/00 7C08K 5/5455**  
[25] EN  
[54] **MOISTURE-CURABLE COMPOSITIONS CONTAINING POLYISOCYANATES AND COMPOUNDS WITH ALKOXYSILANE GROUPS**  
[54] **COMPOSITIONS POUVANT ETRE SECHEES A L'HUMIDITE ET RENFERMANT DES POLYISOCYANATES ET DES COMPOSES AYANT DES GROUPEMENTS ALCOXYSILANES**  
[72] ROESLER, RICHARD R., US  
[71] BAYER CORPORATION, US  
[22] 2000-04-04  
[43] 2000-10-20  
[30] US (09/294,497) 1999-04-20

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[21] **2,304,532**  
[13] A1

[51] **Int.Cl. 7H04B 7/06 7H04Q 7/36**  
[25] EN  
[54] **METHODS AND APPARATUS FOR DOWNLINK DIVERSITY IN CDMA USING WALSH CODES**  
[54] **METHODES ET APPAREIL DE LIAISONS DESCENDANTES EN DIVERSITE DANS UN SYSTEME CDMA UTILISANT DES CODES DE WALSH**  
[72] TSAI, JIANN-AN, US  
[72] SONI, ROBERT ATMARAM, US  
[72] BUEHRER, R. MICHAEL, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-04-10  
[43] 2000-10-19  
[30] US (09/294,661) 1999-04-19

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[21] **2,304,695**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36 7H04L 29/06**  
[25] EN  
[54] **MOBILE TERMINAL AND METHOD OF PREVENTING LOSS OF INFORMATION FOR THE MOBILE TERMINAL**  
[54] **TERMINAL MOBILE ET METHODE POUR PREVENIR LA PERTE DE DONNEES DE CE TERMINAL**  
[72] ORSIC, MILO, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-04-10  
[43] 2000-10-20  
[30] US (09/294,891) 1999-04-20

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[21] **2,304,837**  
[13] A1

[51] **Int.Cl. 7E03D 9/03 7A61L 9/05**  
[25] EN  
[54] **CLEANSING AND FRESHENING UNIT INTENDED FOR SUSPENSION FROM A RIM OF A TOILET BOWL**  
[54] **DISPOSITIF DE NETTOYAGE ET DE DESODORISATION A SUSPENDRE AU REBORD D'UNE CUVETTE DE TOILETTE**  
[72] CAMP, WILLIAM R., US  
[72] MILORA, DAVID J., US  
[71] SARA LEE/DE N.V., NL  
[22] 2000-04-11  
[43] 2000-10-19  
[30] US (09/294,640) 1999-04-19



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[21] **2,304,884**  
[13] A1  
[51] **Int.Cl. 7H04L 7/00 7H04L 12/20 7H04B 7/212**  
[25] EN  
[54] **A MULTIPOINT-TO-POINT TDMA TRANSMISSION SYSTEM USING A PARTICULAR BURST STRUCTURE, AND A CORRESPONDING TRANSMITTER**  
[54] **SYSTEME DE TRANSMISSION TDMA POINT-MULTIPOINTS UTILISANT UNE STRUCTURE DE RAFALES SPECIFIQUE ET UN EMETTEUR CONNEXE**  
[72] BOUSQUET, JACQUES, FR  
[72] DURNEZ, FRANCOIS, FR  
[72] GERRIER, CHRISTOPHE, FR  
[71] ALCATEL, FR  
[22] 2000-04-07  
[43] 2000-10-19  
[30] FR (99 440 078.6) 1999-04-19

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[21] **2,304,891**  
[13] A1  
[51] **Int.Cl. 7H04L 29/02**  
[25] EN  
[54] **A METHOD AND DEVICE FOR PROVIDING HIGH-QUALITY INTERNET SERVICES**  
[54] **METHODE ET DISPOSITIF DE FOURNITURE DE SERVICES INTERNET DE GRANDE QUALITE**  
[72] TURBAN, KARL-ALBERT, DE  
[71] ALCATEL, FR  
[22] 2000-04-07  
[43] 2000-10-19  
[30] DE (199 17 666.3) 1999-04-19

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[21] **2,304,900**  
[13] A1  
[51] **Int.Cl. 7H04N 7/15**  
[25] EN  
[54] **VIRTUAL MEETING ROOMS WITH SPATIAL AUDIO**  
[54] **SALLES DE REUNION VIRTUELLE AVEC SON SPATIALISE**  
[72] WEISS, MICHAEL, CA  
[71] MITEL CORPORATION, CA  
[22] 2000-04-07  
[43] 2000-10-16  
[30] GB (9908576.3) 1999-04-16

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[21] **2,304,903**  
[13] A1  
[51] **Int.Cl. 7C08K 5/549 7C08G 77/388**  
[25] EN  
[54] **SILICONE RUBBER COMPOSITION**  
[54] **COMPOSITION DE CAOUTCHOUC SILICONE**  
[72] NAKAMURA, AKITO, JP  
[72] TAKUMAN, OSAMU, JP  
[72] YOSHITAKE, MAKOTO, JP  
[71] DOW CORNING TORAY SILICONE COMPANY, LTD., JP  
[22] 2000-04-07  
[43] 2000-10-16  
[30] JP (11-110150) 1999-04-16

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[21] **2,304,908**  
[13] A1  
[51] **Int.Cl. 7A61G 17/00**  
[25] EN  
[54] **METAL CASKET CONSTRUCTION**  
[54] **FABRICATION DE CERCUEILS EN METAL**  
[72] NICHOLS, GERARD K., US  
[71] THE YORK GROUP, INC., US  
[22] 2000-04-10  
[43] 2000-10-16  
[30] US (09/293,279) 1999-04-16

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[21] **2,304,910**  
[13] A1  
[51] **Int.Cl. 7C09J 173/00 7C09J 5/06**  
[25] EN  
[54] **HOT MELT ADHESIVES PRODUCED FROM LINEAR ALTERNATING POLYKETONES**  
[54] **ADHESIFS THERMOFUSIBLES PRODUITS A PARTIR DE POLYCETONES LINEAIRES A MONOMERES ALTERNES**  
[72] ROBESON, LLOYD MAHLON, US  
[72] HEFNER, JOHN GUINN, US  
[71] AIR PRODUCTS AND CHEMICALS, INC., US  
[22] 2000-04-10  
[43] 2000-10-16  
[30] US (09/293,002) 1999-04-16

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[21] **2,304,937**  
[13] A1  
[51] **Int.Cl. 7H04L 29/10**  
[25] EN  
[54] **METHOD OF SUPPORTING COMMUNICATION BETWEEN NETWORK NODES**  
[54] **METHODE DE PRISE EN CHARGE DES COMMUNICATIONS ENTRE DES NOEUDS DE RESEAU**  
[72] OOMS, DIRK, BE  
[72] LIVENS, WIM, BE  
[72] DUMORTIER, PHILIP, BE  
[71] ALCATEL, FR  
[22] 2000-04-10  
[43] 2000-10-20  
[30] EP (99 440 081.0) 1999-04-20

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[21] **2,304,989**  
[13] A1  
[51] **Int.Cl. 7D21G 3/00**  
[25] EN  
[54] **LOADING ARRANGEMENT IN A PAPER MACHINE DOCTOR**  
[54] **DISPOSITIF DE CHARGEMENT DE RACLE DE MACHINE A PAPIER**  
[72] UUTTANA, KYOSTI, SE  
[71] VALMET CORPORATION, FI  
[22] 2000-04-11  
[43] 2000-10-15  
[30] FI (990837) 1999-04-15

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[21] **2,304,996**  
[13] A1  
[51] **Int.Cl. 7F24F 13/10**  
[25] EN  
[54] **DAMPER CLIP EXTENSION**  
[54] **RALLONGE ENCLIPSABLE POUR REGISTRE**  
[72] BLUESTONE, RICHARD A., US  
[71] ALAN MANUFACTURING, INC., US  
[22] 2000-04-11  
[43] 2000-10-19  
[30] US (09/294,291) 1999-04-19

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[21] **2,305,000**  
[13] A1  
[51] **Int.Cl. 7A01D 34/00 7A01D 34/64 7A01D 34/74**  
[25] FR  
[54] **FAUCHEUSE**  
[54] **FELLER**  
[72] WATTRON, BERNARD, FR  
[72] WALCH, MARTIN, FR  
[71] KUHN S.A., FR  
[22] 2000-04-07  
[43] 2000-10-16  
[30] FR (99 04928) 1999-04-16

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**15 octobre 2000 - 21 octobre 2000**

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[21] **2,305,003**  
[13] A1

[51] **Int.Cl. 7A01D 82/00 7A01D 43/10**  
[25] FR  
[54] **FAUCHEUSE**  
[54] **FELLER**  
[72] WALCH, MARTIN, FR  
[72] WATTRON, BERNARD, FR  
[71] KUHN S.A., FR  
[22] 2000-04-07  
[43] 2000-10-16  
[30] FR (99 04927) 1999-04-16

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[21] **2,305,005**  
[13] A1

[51] **Int.Cl. 7B65D 81/32**  
[25] FR  
[54] **DISPOSITIF POUR LE MELANGE**  
**EXTEMPORANE D'AU MOINS DEUX**  
**PRODUITS DONT UN EST**  
**NOTAMMENT UNE POWDRE**  
[54] **DEVICE FOR THE TANK**  
**MIXTURE OF AT LEAST TWO**  
**PRODUCTS INCLUDING ONE**  
**POWDER**  
[72] DE LAFORCADE, VINCENT, FR  
[71] L'OREAL, FR  
[22] 2000-04-07  
[43] 2000-10-16  
[30] FR (99 04 817) 1999-04-16

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[21] **2,305,010**  
[13] A1

[51] **Int.Cl. 7B01J 37/20 7C10G 45/08**  
[25] FR  
[54] **PROCEDE DE SULFURATION DE**  
**CATALYSEURS**  
**D'HYDROTRAITEMENT**  
[54] **PROCESS FOR SULPHIDIZING**  
**HYDROPROCESSING CATALYSTS**  
[72] BRUN, CLAUDE, FR  
[72] CHOLLEY, THIERRY, FR  
[72] FREMY, GEORGES, FR  
[71] ELF ATOCHEM S.A., FR  
[22] 2000-04-07  
[43] 2000-10-20  
[30] FR (99 04 967) 1999-04-20

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[21] **2,305,021**  
[13] A1

[51] **Int.Cl. 7H05B 37/02**  
[25] EN  
[54] **METHOD FOR ADJUSTING AT**  
**LEAST ONE OPERATING**  
**PARAMETER OF AN OPERATING**  
**UNIT FOR ELECTRIC LAMPS**  
[54] **METHODE PERMETTANT DE**  
**MODIFIER AU MOINS UN**  
**PARAMETRE DE FONCTIONNEMENT**  
**D'UN DISPOSITIF DE COMMANDE DE**  
**LAMPE ELECTRIQUE**  
[72] HUBER, ANDREAS, DE  
[71] PATENT-TREUHAND-  
GESELLSCHAFT FUR ELEKTRISCHE  
GLUHLAMPEN MBH, DE  
[22] 2000-04-12  
[43] 2000-10-16  
[30] DE (199 17 365.6) 1999-04-16

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[21] **2,305,022**  
[13] A1

[51] **Int.Cl. 7H05B 3/56**  
[25] FR  
[54] **DISPOSITIF DE CHAUFFAGE**  
**ELECTRIQUE A CABLES**  
**ELECTRIQUES AUTOREGULANTS**  
[54] **ELECTRIC HEATING DEVICE**  
**WITH SELF-REGULATING**  
**ELECTRICAL CABLES**  
[72] BRAULT, ALAIN, FR  
[72] LE NOANE, GEORGES, FR  
[72] BRAULT, DOMINIQUE, FR  
[71] BRAULT, ALAIN, FR  
[71] LE NOANE, GEORGES, FR  
[71] BRAULT, DOMINIQUE, FR  
[22] 2000-04-11  
[43] 2000-10-16  
[30] FR (99 04794) 1999-04-16

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[21] **2,305,023**  
[13] A1

[51] **Int.Cl. 7F02K 1/00 7F02K 1/12 7F02K**  
**1/78**  
[25] FR  
[54] **TUYERE D'EJECTION**  
**AXISYMETRIQUE CONVERGENTE**  
**DIVERGENTE ET ORIENTABLE**  
[54] **STEERABLE AXIMETRIC**  
**CONVERGING-DIVERGING**  
**VECTORING NOZZLE**  
[72] SALPERWYCK, LAURENT CLAUDE  
PATRICK, FR  
[72] FEDER, DIDIER GEORGES, FR  
[72] MONVILLE, BERTRAND PIERRE  
RENAUD, FR  
[72] LAPERGUE, GUY JEAN-LOUIS, FR  
[71] SNECMA MOTEURS, FR  
[22] 2000-04-11  
[43] 2000-10-15  
[30] FR (99.04709) 1999-04-15

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[21] **2,305,024**  
[13] A1

[51] **Int.Cl. 7F02K 1/00 7F02K 1/12 7F02K**  
**1/78**  
[25] FR  
[54] **TUYERE D'EJECTION**  
**AXISYMETRIQUE CONVERGENTE**  
**DIVERGENTE A ORIENTATION PAR**  
**UN ANNEAU GUIDE**  
[54] **AXIMETRIC CONVERGING-**  
**DIVERGING VECTORING NOZZLE**  
**WITH GUIDE RING STEERING**  
[72] LAPERGUE, GUY JEAN-LOUIS, FR  
[72] MONVILLE, BERTRAND PIERRE  
RENAUD, FR  
[72] SALPERWYCK, LAURENT CLAUDE  
PATRICK, FR  
[72] FEDER, DIDIER GEORGES, FR  
[71] SNECMA MOTEURS, FR  
[22] 2000-04-11  
[43] 2000-10-15  
[30] FR (99.04710) 1999-04-15

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[21] 2,305,025  
[13] A1

[51] Int.Cl. 7A61K 7/021 7A61K 7/40  
[25] FR  
[54] COMPOSITION COSMETIQUE  
COMPRENANT L'ASSOCIATION D'UN  
ESTER PARTICULIER ET D'UN  
COMPOSE SILICONE  
[54] COSMETIC COMPOSITION  
CONSISTING OF THE ASSOCIATION  
OF A PARTICULAR ESTER AND A  
SILICONE COMPOUND  
[72] ARNAUD, PASCAL, FR  
[72] ROBERT, VALERIE, FR  
[71] L'OREAL, FR  
[22] 2000-04-12  
[43] 2000-10-16  
[30] FR (99 04 818) 1999-04-16

[21] 2,305,026  
[13] A1

[51] Int.Cl. 7B23K 9/16  
[25] FR  
[54] PROCEDE DE SOUDAGE MIG DE  
L'ALUMINIUM ET DE SES ALLIAGES  
A REGIME PULSE OU SPRAY NON-  
MODULE  
[54] MIG WELDING PROCESS FOR  
ALUMINUM AND ITS ALLOYS USING  
A NON-MODULE SPRAY OF PULSE  
SYSTEM  
[72] LEFEBVRE, PHILIPPE, FR  
[72] PLOTTIER, GERARD, FR  
[72] FORTAIN, JEAN-MARIE, FR  
[71] L'AIR LIQUIDE, SOCIETE  
ANONYME POUR L'ETUDE ET  
L'EXPLOITATION DES PROCED, FR  
[22] 2000-04-12  
[43] 2000-10-15  
[30] FR (99 04728) 1999-04-15

[21] 2,305,029  
[13] A1

[51] Int.Cl. 7G01V 1/30 7G01V 3/12  
[25] FR  
[54] METHODE POUR OBTENIR UN  
MODELE OPTIMAL D'UNE CHARGE  
CARACTERISTIQUE PHYSIQUE DANS  
UN MILIEU HETEROGENE, TEL QUE  
LE SOUS-SOL  
[54] METHOD FOR OBTAINING AN  
OPTIMAL MODEL OF A PHYSICAL  
CHARACTERISTIC LOAD IN A  
HETEROGENEOUS MEDIUM, SUCH AS  
SUBSURFACE SOIL  
[72] FOURNIER, FREDERIQUE, FR  
[72] ROYER, JEAN-JACQUES, FR  
[71] INSTITUT FRANÇAIS DE PÉTROLE,  
FR  
[22] 2000-04-12  
[43] 2000-10-16  
[30] FR (99/05288) 1999-04-16

[21] 2,305,042  
[13] A1

[51] Int.Cl. 7G03G 9/083  
[25] EN  
[54] BLACK MAGNETIC IRON OXIDE  
PARTICLES FOR MAGNETIC TONER  
AND PROCESS FOR PRODUCING THE  
SAME  
[54] PARTICULES NOIRES  
MAGNETIQUES D'OXYDE DE FER  
POUR TONER MAGNETIQUE ET  
PROCEDE DE FABRICATION DE CE  
PRODUIT  
[72] SHIMO, NOBUYA, JP  
[72] AOKI, KOSO, JP  
[72] UCHIDA, NAOKI, JP  
[72] MISAWA, HIROMITSU, JP  
[72] KOZAWA, MINORU, JP  
[72] MIURA, SUEHIKO, JP  
[71] TODA KOGYO CORPORATION, JP  
[22] 2000-04-13  
[43] 2000-10-16  
[30] JP (11-109943) 1999-04-16

[21] 2,305,054  
[13] A1

[51] Int.Cl. 7H01J 61/36 7H01J 61/00  
7H01J 61/30  
[25] EN  
[54] LAMPE  
[54] LAMPE  
[72] MEYER, CLEMENS, DE  
[72] NEUHORST, PAUL HEINRICH, DE  
[71] SPECTRAL GESELLSCHAFT FUR  
LICHTTECHNIK MIT BESCHRANKTER  
HAFTUNG, DE  
[22] 2000-04-11  
[43] 2000-10-15  
[30] DE (299 06 741.6) 1999-04-15

[21] 2,305,059  
[13]

[51] Int.Cl. 7H04L 12/24  
[25] EN  
[54] METHOD TO SEQUENCE  
CHANGES FOR IP NETWORK  
CONFIGURATION  
[54] METHODE DE SEQUENCMENT  
DES CHANGEMENTS DANS UNE  
CONFIGURATION DE RESEAU IP  
[72] KRISHNAN, P., US  
[72] MAZUMDAR, SUBRATA, US  
[72] NAIK, TEJAS, US  
[72] RAMU, GANESAN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-04-11  
[43] 2000-10-21  
[30] US (60/130,374) 1999-04-21  
[30] US (09/418,524) 1999-10-14

[21] 2,305,072  
[13] A1

[51] Int.Cl. 7H04Q 7/26  
[25] EN  
[54] PRIVATE BRANCH EXCHANGE  
SYSTEM  
[54] SYSTEME  
D'AUTOCOMMUTATION PRIVE  
[72] IHARA, TAKANOBU, JP  
[71] NEC CORPORATION, JP  
[22] 2000-04-13  
[43] 2000-10-19  
[30] JP (110930/99) 1999-04-19

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**15 octobre 2000 - 21 octobre 2000**

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[21] **2,305,089**  
[13] A1

[51] **Int.Cl. 7C23F 11/167**  
[25] EN  
[54] **COMPOSITION COMPRISING STABILIZED PHOSPHORUS COMPOUNDS**  
[54] **COMPOSITION RENFERMANT DES COMPOSES PHOSPHORES STABILISES**  
[72] HACKL, CHRISTA, DE  
[72] KLATT, MARTIN, DE  
[72] SCHOLZ, GUNTER, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[22] 2000-04-13  
[43] 2000-10-15  
[30] DE (199 170 70.3) 1999-04-15

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[21] **2,305,107**  
[13] A1

[51] **Int.Cl. 7A61B 5/103 7G01B 21/20 7G01B 11/24**  
[25] EN  
[54] **METHOD OF MEASURING A BODY REGION**  
[54] **METHODE DE MESURE D'UNE PARTIE DU CORPS**  
[72] REYNOLDS, DAVE, DE  
[72] PUSCH, MARTIN, DE  
[71] OTTO BOCK ORTHOPÄDISCHE INDUSTRIE BESITZ-UND, DE  
[22] 2000-04-12  
[43] 2000-10-15  
[30] DE (199 16 978.0) 1999-04-15

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[21] **2,305,108**  
[13] A1

[51] **Int.Cl. 7C09K 19/38 7C09B 57/00 7B05D 3/06 7C09D 5/26**  
[25] EN  
[54] **THERMOSTABLE PIGMENTS, FILMS AND EFFECT COATINGS, AND MIXTURES FOR THEIR PRODUCTION**  
[54] **PIGMENTS, FILMS ET REVETEMENTS A EFFET THERMOSTABLES, ET MELANGES POUR LEUR PRODUCTION**  
[72] KASCH, MICHAEL, DE  
[72] KREUZER, FRANZ-HEINRICH, DE  
[72] KUPFER, JURGEN, DE  
[71] CONSORTIUM FUR ELEKTROCHEMISCHE INDUSTRIE GMBH, DE  
[22] 2000-04-13  
[43] 2000-10-15  
[30] DE (199 17 067.3) 1999-04-15  
[30] DE (199 22 158.8) 1999-05-12

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[21] **2,305,114**  
[13] A1

[51] **Int.Cl. 7A47L 13/16**  
[25] EN  
[54] **CLEANING CLOTH**  
[54] **TORCHON**  
[72] WIRSCHING, JOCHEN, DE  
[72] KREMSER, STEFFEN, DE  
[72] PHILIPP, DIETER, DE  
[71] FREUDENBERG, CARL, DE  
[22] 2000-04-13  
[43] 2000-10-16  
[30] DE (P 19917275.7) 1999-04-16

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[21] **2,305,116**  
[13] A1

[51] **Int.Cl. 7A43B 13/04 7A43B 13/18**  
[25] EN  
[54] **ATHLETIC SHOE SOLE DESIGN AND CONSTRUCTION**  
[54] **CONCEPTION ET FABRICATION DE SEMELLES DE CHAUSSURES D'ATHLETISME**  
[72] KITA, KENJIRO, JP  
[71] MIZUNO CORPORATION, JP  
[22] 2000-04-12  
[43] 2000-10-16  
[30] JP (11-108997) 1999-04-16

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[21] **2,305,117**  
[13]

[51] **Int.Cl. 7B60K 26/02 7G05G 1/14**  
[25] EN  
[54] **ACCELERATOR PEDAL**  
[54] **PEDALE D'ACCELERATEUR**  
[72] DJORDJEVIC, NEBOJSA, CA  
[71] ATOMA INTERNATIONAL CORP., CA  
[22] 2000-04-12  
[43] 2000-10-21  
[30] US (60/130,366) 1999-04-21

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[21] **2,305,124**  
[13] A1

[51] **Int.Cl. 7F24F 3/147 7F24C 3/00 7F24F 6/02**  
[25] EN  
[54] **HUMIDIFIER**  
[54] **HUMIDIFICATEUR**  
[72] TAYLOR, STEVE, CA  
[71] TAYLOR, STEVE, CA  
[22] 2000-04-12  
[43] 2000-10-15  
[30] US (60/129,381) 1999-04-15

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[21] **2,305,125**  
[13] A1

[51] **Int.Cl. 7H03H 11/00 7H05B 41/14 7H02P 7/292**  
[25] EN  
[54] **CIRCUIT ARRANGEMENT WITH HALF-BRIDGE**  
[54] **ENSEMBLE DE CIRCUIT A DEMI-PONT**  
[72] LIMMER, WALTER, DE  
[72] HUBER, ANDREAS, DE  
[72] NIEDERMEIER, PETER, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 2000-04-12  
[43] 2000-10-16  
[30] DE (199 17 364.8) 1999-04-16

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[21] **2,305,164**  
[13] A1

[51] **Int.Cl. 7C01D 3/02**  
[25] EN  
[54] **PROCESS FOR RECYCLING ALKALI METAL FLUORIDES AND/OR DIFLUORIDES**  
[54] **PROCEDE DE RECYCLAGE DE FLUORURES ET/OU DE DIFLUORURES DE METAUX ALCALINS**  
[72] BULAN, ANDREAS, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2000-04-14  
[43] 2000-10-19  
[30] DE (19917610.8) 1999-04-19

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[21] **2,305,220**  
[13] A1

[51] **Int.Cl. 7F16L 33/02**  
[25] EN  
[54] **IMPROVEMENT IN FLUIDS CONDUCTION INTEGRATED SYSTEM**  
[54] **SYSTEME INTEGRE AMELIORE DE CONDUITE DE LIQUIDES**  
[72] SABO, ALFREDO MIGUEL, BR  
[71] SABO INDUSTRIA E COMERCIO LTDA., BR  
[22] 2000-04-13  
[43] 2000-10-15  
[30] BR (PI 9901719-9) 1999-04-15

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[21] **2,305,259**  
[13] A1  
[51] **Int.Cl. 7E21B 47/12 7G01V 3/36**  
[25] EN  
[54] **DOWNHOLE PUMP STRAINER  
DATA RECORDING DEVICE AND  
METHOD**  
[54] **DISPOSITIF ET METHODE  
D'ENREGISTREMENT DE DONNEES  
DE CREPINE DE POMPE DE FOND**  
[72] GRANDE, RENE, CA  
[72] ZILLINGER, FRED, CA  
[72] MCCOLL, TERRY, CA  
[71] GRANDE, RENE, CA  
[71] ZILLINGER, FRED, CA  
[71] MCCOLL, TERRY, CA  
[22] 2000-04-14  
[43] 2000-10-16  
[30] CA (2,269,300) 1999-04-16

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[21] **2,305,475**  
[13] A1  
[51] **Int.Cl. 7H04L 12/56 7H04L 29/06**  
[25] EN  
[54] **FORWARDING INFORMATION  
RETRIEVAL TECHNIQUE**  
[54] **INFORMATION DE  
RECUPERATION D'INFORMATION DE  
RENGOI**  
[72] OKAMOTO, TSUGIO, JP  
[72] ARAMAKI, TOSHIYA, JP  
[71] NEC CORPORATION, JP  
[22] 2000-04-14  
[43] 2000-10-16  
[30] JP (110041/1999) 1999-04-16

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[21] **2,305,484**  
[13] A1  
[51] **Int.Cl. 7G02B 27/18 7G09B 9/00**  
[25] EN  
[54] **PROJECTION SYSTEM**  
[54] **SYSTEME DE PROJECTION**  
[72] NORDBERG, ANTHONY, GB  
[71] THOMSON TRAINING &  
SIMULATION LIMITED, GB  
[22] 2000-04-17  
[43] 2000-10-17  
[30] GB (9908733.0) 1999-04-17

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[21] **2,305,602**  
[13] A1  
[51] **Int.Cl. 7B24B 23/04 7B24B 7/10**  
[25] EN  
[54] **LINEAR SANDER**  
[54] **PONCEUSE LINEAIRE**  
[72] TASIKAS, JAMES, CA  
[71] TASIKAS, JAMES, CA  
[22] 2000-04-12  
[43] 2000-10-19  
[30] US (09/294,666) 1999-04-19

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[21] **2,305,610**  
[13] A1  
[51] **Int.Cl. 7B61F 5/50**  
[25] EN  
[54] **CENTER CLAMP ASSEMBLY FOR  
FRAME BRACE RAIL TRUCK**  
[54] **BRIDE CENTRALE DE SERRAGE  
POUR ENTRETOISE DE CADRE DE  
BOGIE**  
[72] PAK, WILSON W. S., US  
[72] HEYDEN, THOMAS J., US  
[72] BULLOCK, ROBERT L., US  
[71] STANDARD RESEARCH AND  
DESIGN CORPORATION, US  
[22] 2000-04-12  
[43] 2000-10-19  
[30] US (09/294,744) 1999-04-19

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[21] **2,305,812**  
[13] A1  
[51] **Int.Cl. 7E21B 10/46**  
[25] EN  
[54] **DRILL BIT INSERTS WITH ZONE  
OF COMPRESSIVE RESIDUAL STRESS**  
[54] **PIECES DE TREPAN AVEC ZONE  
DE CONTRAINTE DE COMPRESSION  
RESIDUELLE**  
[72] YONG, ZHOU, US  
[72] HUANG, S. J., US  
[71] SMITH INTERNATIONAL, INC., US  
[22] 2000-04-14  
[43] 2000-10-16  
[30] US (09/293,372) 1999-04-16

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[21] **2,305,813**  
[13] A1  
[51] **Int.Cl. 7E21B 10/46**  
[25] EN  
[54] **DRILL BIT INSERTS WITH  
INTERRUPTION IN GRADIENT OF  
PROPERTIES**  
[54] **PIECES DE TREPAN A  
PROGRESSION DISCONTINUE DES  
PROPRIETES**  
[72] YONG, ZHOU, US  
[72] HUANG, S. J., US  
[71] SMITH INTERNATIONAL, INC., US  
[22] 2000-04-14  
[43] 2000-10-16  
[30] US (09/293,190) 1999-04-16

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[21] **2,305,822**  
[13] A1  
[51] **Int.Cl. 7E04H 1/00 7F16S 5/00 7E04B  
1/35**  
[25] EN  
[54] **EXPANDED STRUCTURES AND  
METHOD OF FORMING**  
[54] **STRUCTURES AGRANDIES ET  
METHODE DE FORMATION**  
[72] MAKAR, NORMA, US  
[72] MAKAR, JOSEPH, US  
[71] MAKAR, NORMA, US  
[71] MAKAR, JOSEPH, US  
[22] 2000-04-14  
[43] 2000-10-16  
[30] US (60/129,634) 1999-04-16  
[30] US (09/334,594) 1999-06-17

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**15 octobre 2000 - 21 octobre 2000**

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[21] **2,305,823**  
[13] A1

[51] **Int.Cl. 7G06F 9/315**  
[25] EN  
[54] **APPARATUS AND METHOD FOR CONTROLLING OPERATIONS ON DATA, MEDIUM FOR SUPPLYING AN OPERATION-CONTROLLING PROGRAM, AND APPARATUS AND METHOD FOR PERFORMING OPERATIONS ON DATA**  
[54] **DISPOSITIF ET METHODE DE CONTROLE DES OPERATIONS APPLIQUEES A DES DONNEES, MOYEN DE FOURNITURE D'UN PROGRAMME DE COMMANDE DES OPERATIONS ET DISPOSITIF ET METHODE D'EXECUTION D'OPERATIONS APPLIQUEES A DES DONNEES**  
[72] KURIHARA, KEN, JP  
[72] SHIOYA, HIROYUKI, JP  
[71] SONY CORPORATION, JP  
[22] 2000-04-11  
[43] 2000-10-15  
[30] JP (P11-108534) 1999-04-15

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[21] **2,305,825**  
[13] A1

[51] **Int.Cl. 7A61K 35/00 7A61P 37/08 7A61K 35/12 7A61K 35/78**  
[25] EN  
[54] **NOVEL BIOACTIVATING SUBSTANCE**  
[54] **NOUVELLE SUBSTANCE BIOACTIVANTE**  
[72] KONISHI, JIN-EMON, JP  
[71] NIPPON ZOKI PHARMACEUTICAL CO., LTD., JP  
[22] 2000-04-14  
[43] 2000-10-15  
[30] JP (108,221/1999) 1999-04-15

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[21] **2,305,827**  
[13] A1

[51] **Int.Cl. 7G01K 11/12 7B65D 85/72**  
[25] EN  
[54] **DRINKING TEMPERATURE INDICATOR**  
[54] **INDICATEUR DE TEMPERATURE D'UN BREUVAGE**  
[72] VAES, ED, CA  
[71] VAES, ED, CA  
[22] 2000-04-11  
[43] 2000-10-16  
[30] US (60/129,630) 1999-04-16

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[21] **2,305,828**  
[13] A1

[51] **Int.Cl. 7F24C 7/08 7F24C 3/12 7F24C 5/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SABBATH COMPLIANCE COOKING PROCESS**  
[54] **METHODE ET APPAREIL DE COMMANDE DE CUISSON CONFORMES AUX REGLES DU SABBAT**  
[72] UY, DINDO S., US  
[72] MCCORMICK, DEWAYNE LEROY, US  
[71] THERMADOR CORPORATION, US  
[22] 2000-04-14  
[43] 2000-10-16  
[30] US (09/293,084) 1999-04-16

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[21] **2,305,829**  
[13] A1

[51] **Int.Cl. 7A01G 23/04**  
[25] EN  
[54] **TREE TRANSPLANTING APPARATUS**  
[54] **APPAREIL POUR LA TRANSPLANTATION D'ARBRES**  
[72] HOARAN, VICTOR, CA  
[71] HOARAN, VICTOR, CA  
[22] 2000-04-13  
[43] 2000-10-15  
[30] US (60/129379) 1999-04-15

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[21] **2,305,831**  
[13] A1

[51] **Int.Cl. 7E21B 10/16**  
[25] EN  
[54] **TOOTH TYPE DRILL BIT WITH SECONDARY CUTTING ELEMENTS AND STRESS REDUCING TOOTH GEOMETRY**  
[54] **TREPAN A DENTS COMPRENANT DES ELEMENTS DE COUPE SECONDAIRES, LES DENTS PRESENTANT UNE GEOMETRIE QUI REDUIT LES CONTRAINTES**  
[72] VUYK, ADRIAN JR., US  
[71] CAMCO INTERNATIONAL INC., US  
[22] 2000-04-14  
[43] 2000-10-15  
[30] US (60/129,429) 1999-04-15

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[21] **2,305,833**  
[13] A1

[51] **Int.Cl. 7D02G 3/04 7A41D 19/00 7D04B 1/08**  
[25] EN  
[54] **KNIT ARTICLE HAVING RAVEL-RESISTANT EDGE PORTION AND COMPOSITE YARN FOR MAKING RAVEL-RESISTANT KNIT ARTICLE**  
[54] **ARTICLE EN TRICOT COMPRENANT UN REBORD RESISTANT AUX EFFILOCHURES ET FILS COMPOSITES POUR FABRIQUER DES ARTICLES EN TRICOT RESISTANT AUX EFFILOCHURES**  
[72] PRITCHARD, ERIC, US  
[72] KOLMES, NATHANIEL H., US  
[72] PHILLIPS, RICHIE DARNELL, US  
[72] MORMAN, GEORGE MARION JR., US  
[72] MOORE, DELLA BONNELL, US  
[72] BENFIELD, DANNY RAY, US  
[71] SUPREME ELASTIC CORPORATION, US  
[22] 2000-04-11  
[43] 2000-10-16  
[30] US (09/293,574) 1999-04-16

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[21] **2,305,838**  
[13]

[51] **Int.Cl. 7F26B 3/06 7F26B 17/12**  
[25] EN  
[54] **MOVING BED DRYER**  
[54] **SECHOIR A LIT MOBILE**  
[72] THOMAS, DONALD RAY, US  
[72] HILT, GEORGE ALLEN, US  
[71] MISSISSIPPI CHEMICAL CORPORATION, US  
[22] 2000-04-13  
[43] 2000-10-21  
[30] US (09/295,413) 1999-04-21

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[21] **2,305,839**  
[13] A1  
[51] **Int.Cl. 7C22C 38/18 7H01M 4/86**  
[25] EN  
[54] **STAINLESS STEEL PRODUCT FOR PRODUCING POLYMER ELECTRODE FUEL CELL**  
[54] **PRODUIT EN ACIER INOXYDABLE POUR LA FABRICATION DE PILE A COMBUSTIBLE A ELECTRODE POLYMERE**  
[72] SEKI, AKIRA, JP  
[72] DOI, TAKASHI, JP  
[72] TARUTANI, YOSHIO, JP  
[72] FUKUTA, SHINJI, JP  
[71] SUMITOMO METAL INDUSTRIES, LTD., JP  
[22] 2000-04-14  
[43] 2000-10-19  
[30] JP (11-111446) 1999-04-19  
[30] JP (11-115461) 1999-04-22  
[30] JP (11-133218) 1999-05-13  
[30] JP (11-144065) 1999-05-24  
[30] JP (11-208278) 1999-07-22

[21] **2,305,846**  
[13] A1  
[51] **Int.Cl. 7B62B 7/06**  
[25] EN  
[54] **BABY STROLLER**  
[54] **POUSSETTE DE BEBE**  
[72] BAECHLER, PHILIP A., US  
[71] RACING STROLLERS, INC., US  
[22] 2000-04-14  
[43] 2000-10-15  
[30] US (09/292,169) 1999-04-15

[21] **2,305,851**  
[13] A1  
[51] **Int.Cl. 7G06F 3/14 7G06F 17/30**  
[25] EN  
[54] **GRAPHICAL USER INTERFACE SYSTEM**  
[54] **SYSTEME D'INTERFACE UTILISATEUR GRAPHIQUE**  
[72] DELORME, DAVID M., US  
[72] GRAY, KEITH A., US  
[72] NEY, MABEL M., US  
[72] PETERSON, JAMES G., US  
[71] DELORME PUBLISHING COMPANY, INC., US  
[22] 2000-04-17  
[43] 2000-10-16  
[30] US (60/129,716) 1999-04-16

[21] **2,305,853**  
[13] A1  
[51] **Int.Cl. 7D21H 27/40 7A47K 10/06 7B31F 1/07 7B32B 3/28**  
[25] EN  
[54] **STRUCTURE OF A PAPER PRODUCT PARTICULARLY FOR SANITARY AND DOMESTIC USE, AND METHOD FOR MANUFACTURING THE SAME**  
[54] **STRUCTURE D'UN PRODUIT EN PAPIER UTILISE PARTICULIEREMENT A DES FINS D'HYGIENE ET DOMESTIQUE, ET METHODE DE FABRICATION**  
[72] CARRARA, MARCO, IT  
[71] CARTOINVEST SOCIETA FINANZIARIA E DI PARTECIPAZIONE S.P.A., IT  
[22] 2000-04-14  
[43] 2000-10-16  
[30] IT (N M199A 000797) 1999-04-16

[21] **2,305,854**  
[13] A1  
[51] **Int.Cl. 7H04B 3/02 7H01P 7/00 7H01P 1/20**  
[25] EN  
[54] **TRANSMISSION LINE, RESONATOR, FILTER, DUPLEXER, AND COMMUNICATION APPARATUS**  
[54] **LIGNE DE TRANSMISSION, RESONATEUR, FILTRE, DUPLEXEUR ET APPAREIL DE COMMUNICATION**  
[72] HIDAKA, SEIJI, JP  
[72] ABE, SHIN, JP  
[72] OTA, MICHIAKI, JP  
[71] MURATA MANUFACTURING CO., LTD., JP  
[22] 2000-04-17  
[43] 2000-10-19  
[30] JP (11-110884) 1999-04-19

[21] **2,305,855**  
[13] A1  
[51] **Int.Cl. 7H01M 8/24**  
[25] EN  
[54] **FUEL CELL STACK**  
[54] **EMPILEMENT DE PILES A COMBUSTIBLE**  
[72] ITOU, HIDEKI, JP  
[72] KOBAYASHI, TOSHIROU, JP  
[72] MORIGA, TAKUYA, JP  
[72] KAJIWARA, TOMOYUKI, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2000-04-14  
[43] 2000-10-16  
[30] JP (11-109186) 1999-04-16

[21] **2,305,885**  
[13]  
[51] **Int.Cl. 7G05B 1/02 7G01K 1/12 7H02H 7/18 7G01K 7/42**  
[25] EN  
[54] **TEMPERATURE LEVEL DETECTION CIRCUIT**  
[54] **CIRCUIT DE DETECTION DE NIVEAU DE TEMPERATURE**  
[72] DESCOMBES, ARTHUR, CH  
[71] EM MICROELECTRONIC-MARIN SA, CH  
[22] 2000-04-17  
[43] 2000-10-21  
[30] CH (0728/99) 1999-04-21

[21] **2,305,887**  
[13]  
[51] **Int.Cl. 7H02H 7/18 7H02J 7/00**  
[25] EN  
[54] **PROTECTIVE CIRCUIT FOR BATTERY**  
[54] **CIRCUIT DE PROTECTION DE BATTERIE**  
[72] DESCOMBES, ARTHUR, CH  
[71] EM MICROELECTRONIC-MARIN SA, CH  
[22] 2000-04-17  
[43] 2000-10-21  
[30] CH (0727/99) 1999-04-21

[21] **2,305,893**  
[13] A1  
[51] **Int.Cl. 7C07D 237/32 7A61P 17/00 7A61P 19/02 7C07D 401/04 7C07D 403/04 7A61P 11/06 7A61P 3/10 7A61K 31/502**  
[25] EN  
[54] **USE OF MADURAPHTHALAZINE DERIVATIVES AS INHIBITORS OF PROINFLAMMATORY CYTOKINES**  
[54] **UTILISATION DE DERIVES DE MADURAPHTHALAZINE COMME INHIBITEURS DE CYTOKINES PROINFLAMMATOIRES**  
[72] KRONBACH, THOMAS, DE  
[72] GRAFE, UDO, DE  
[72] WERNER, WALTER, DE  
[72] ROEMER, ERNST, DE  
[72] HOFGEN, NORBERT, DE  
[72] HEINISCH, LOTHAR, DE  
[72] HAAS, WOLFGANG, DE  
[72] DRAHEIM, REGINA, DE  
[72] JUTTEN, PETER, DE  
[72] POPPE, HILDEGARD, DE  
[71] ARZNEIMITTELWERK DRESDEN GMBH, DE  
[22] 2000-04-17  
[43] 2000-10-17  
[30] DE (199 17 505.5) 1999-04-17

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**15 octobre 2000 - 21 octobre 2000**

[21] **2,305,894**  
[13] A1

[51] **Int.Cl. 7H05K 9/00 7H05K 1/18**  
[25] EN  
[54] **ELECTRONIC DEVICE STRUCTURE CAPABLE OF PREVENTING MALFUNCTION CAUSED BY ELECTROMAGNETIC WAVE COME FROM OUTSIDE**  
[54] **STRUCTURE DE DISPOSITIF ELECTRONIQUE PERMETTANT DE PREVENIR LES DEFAUTS DE FONCTIONNEMENT CAUSES PAR LES ONDES ELECTROMAGNETIQUES EXTERIEURES**  
[72] TAMURA, KOETSU, JP  
[72] MATSUZAWA, HAJIME, JP  
[71] NEC CORPORATION, JP  
[22] 2000-04-17  
[43] 2000-10-19  
[30] JP (110583/1999) 1999-04-19

[21] **2,305,895**  
[13]

[51] **Int.Cl. 7E03F 5/10 7B65D 88/08**  
[25] EN  
[54] **VACUUM WASTE TANK**  
[54] **RESERVOIR D'EAUX USEES A DEPRESSION**  
[72] STRADINGER, JAY D., US  
[72] PONDELICK, MARK A., US  
[71] EVAC INTERNATIONAL OY, FI  
[22] 2000-04-17  
[43] 2000-10-21  
[30] US (09/296,139) 1999-04-21

[21] **2,305,897**  
[13]

[51] **Int.Cl. 7F17D 1/14 7E03F 1/00 7F04B 23/02**  
[25] EN  
[54] **BUFFER BOX FOR USE IN A VACUUM DRAINAGE SYSTEM**  
[54] **BOITE TAMPON POUR UTILISATION DANS UN RESEAU DE DRAINAGE A DEPRESSION**  
[72] WALLACE, DOUGLAS M., US  
[72] HANCOCK, MICHAEL B., FI  
[72] STRADINGER, JAY D., US  
[71] EVAC INTERNATIONAL OY, FI  
[22] 2000-04-17  
[43] 2000-10-21  
[30] US (09/295,995) 1999-04-21

[21] **2,305,900**  
[13] A1

[51] **Int.Cl. 7A21D 10/00 7A21D 13/00 7A21D 2/38**  
[25] EN  
[54] **FOOD INGREDIENT**  
[54] **INGREDIENT ALIMENTAIRE**  
[72] STARK, ANN M., US  
[71] CARGILL, INCORPORATED, US  
[22] 2000-04-17  
[43] 2000-10-16  
[30] US (09/293,661) 1999-04-16

[21] **2,305,906**  
[13] A1

[51] **Int.Cl. 7B01D 19/04**  
[25] EN  
[54] **DEFOAMERS FOR AQUEOUS MEDIA**  
[54] **ADDITIFS ANTIMOUSSE POUR MILIEUX AQUEUX**  
[72] SUCKER, ROLAND, DE  
[72] JOSTEN, WOLFGANG, DE  
[72] MUSS, PETER, DE  
[72] EBBRECHT, THOMAS, DE  
[72] HARTMANN, MARTINA, DE  
[72] GIPPERT, MICHAEL, DE  
[72] SILBER, STEFAN, DE  
[71] GOLDSCHMIDT AG, DE  
[22] 2000-04-14  
[43] 2000-10-16  
[30] DE (199 17 186.6) 1999-04-16

[21] **2,305,907**  
[13] A1

[51] **Int.Cl. 7C25D 13/00**  
[25] EN  
[54] **TWO COAT E-COAT PROCESS FOR AUTOMOTIVE BODIES**  
[54] **PROCEDE D'ELECTRODEPOSITION EN DEUX COUCHES POUR CARROSSERIES D'AUTOMOBILE**  
[72] BRENEISER, THOMAS R., US  
[72] OTT, RICHARD H., US  
[72] SALMAN, SYED, US  
[72] RUSHWIN, SHAMEL T., US  
[71] DAIMLERCHRYSLER CORPORATION, US  
[22] 2000-04-14  
[43] 2000-10-16  
[30] US (09/293,675) 1999-04-16

[21] **2,305,908**  
[13] A1

[51] **Int.Cl. 7H04N 1/04**  
[25] EN  
[54] **A LINE TYPE ILLUMINATOR**  
[54] **ILLUMINATEUR LINEAIRE**  
[72] FURUSAWA, SATOSHI, JP  
[72] SAITO, TOMIHISA, JP  
[71] NIPPON SHEET GLASS CO., LTD., JP  
[22] 2000-04-14  
[43] 2000-10-16  
[30] JP (11-108934) 1999-04-16

[21] **2,305,910**  
[13] A1

[51] **Int.Cl. 7H01H 71/04 7H01H 83/04**  
[25] EN  
[54] **COMBO AFCI/GFCI WITH SINGLE TEST BUTTON**  
[54] **DISJONCTEUR AFCI/GFCI COMBINE AVEC BOUTON D'ESSAI UNIQUE**  
[72] MACBETH, BRUCE F., US  
[71] PASS & SEYMOUR, INC., US  
[22] 2000-04-17  
[43] 2000-10-16  
[30] US (60/129,720) 1999-04-16

[21] **2,305,911**  
[13] A1

[51] **Int.Cl. 7A61B 6/00 7G01N 23/083**  
[25] EN  
[54] **DETERMINING BODY COMPOSITION USING FAN BEAM DUAL-ENERGY X-RAY ABSORPTIOMETRY**  
[54] **DETERMINATION DE LA COMPOSITION D'UN CORPS PAR ABSORPTIOMETRIE X AVEC UN SYSTEME BIENERGIE EMETTANT UN FAISCEAU EVENTAIL**  
[72] KELLY, THOMAS L., US  
[72] SHEPHERD, JOHN A., US  
[71] HOLOGIC, INC., US  
[22] 2000-04-14  
[43] 2000-10-15  
[30] US (09/292,480) 1999-04-15



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[21] **2,305,917**  
[13] A1  
[51] **Int.Cl. 7B43M 17/00**  
[25] EN  
[54] **VISUAL TRACKING DEVICE**  
[54] **DISPOSITIF DE POURSUITE VISUELLE**  
[72] JORDON, IAN, GB  
[71] CTP COIL LIMITED, GB  
[22] 2000-04-17  
[43] 2000-10-16  
[30] GB (9908787.6) 1999-04-16

[21] **2,305,919**  
[13] A1  
[51] **Int.Cl. 7B25J 9/00 7H01L 21/68**  
[25] EN  
[54] **WAFER ALIGNER SYSTEM**  
[54] **SYSTEME D'ALIGNEMENT DE PLAQUETTES**  
[72] WONG, TIM K., US  
[72] SAGUES, PAUL, US  
[72] GAUDIO, STEPHEN A., US  
[71] BERKELEY PROCESS CONTROL, INC., US  
[22] 2000-04-17  
[43] 2000-10-16  
[30] US (09/293,664) 1999-04-16

[21] **2,305,926**  
[13] A1  
[51] **Int.Cl. 7C07D 475/04 7A61P 35/00 7A61P 19/02 7A61P 7/06 7A61P 17/06 7A61P 25/24 7A23L 1/302 7A61K 31/519**  
[25] EN  
[54] **STABLE CRYSTALLINE SALTS OF 5-METHYLTETRAHYDROFOLIC ACID**  
[54] **SELS CRISTALLINS STABLES DE L'ACIDE 5-METHYLTETRAHYDROFOLIQUE**  
[72] MULLER, HANS RUDOLF, CH  
[72] MOSER, RUDOLF, CH  
[72] EGGER, THOMAS, CH  
[71] EPROVA AG, CH  
[22] 2000-04-13  
[43] 2000-10-15  
[30] CH (695/99) 1999-04-15

[21] **2,305,927**  
[13] A1  
[51] **Int.Cl. 7F02K 1/00 7F02K 1/12 7F02K 1/78**  
[25] FR  
[54] **TUYERE D'EJECTION DE TURBOREACTEUR A SYSTEME D'ORIENTATION DU TYPE CARDAN**  
[54] **UNIVERSAL JOINT-TYPE VECTORING TURBOJET EXHAUST NOZZLE**  
[72] FEDER, DIDIER GEORGES, FR  
[72] LAPERGUE, GUY JEAN-LOUIS, FR  
[71] SNECMA MOTEURS, FR  
[22] 2000-04-14  
[43] 2000-10-19  
[30] FR (99.04871) 1999-04-19

[21] **2,305,928**  
[13] A1  
[51] **Int.Cl. 7C08F 279/02 7C08F 287/00**  
[25] EN  
[54] **PROCESS FOR PREPARATION OF ELASTOMER MODIFIED POLYMER COMPOSITIONS WITH ENHANCED RUBBER PHASE VOLUME FRACTION**  
[54] **PROCEDE DE PREPARATION DE COMPOSITIONS DE POLYMERES MODIFIES PAR DES ELASTOMERES POSSEDANT UNE PLUS GRANDE FRACTION VOLUMIQUE DE LA PHASE DE CAOUTCHOUC**  
[72] WICHER, JEROME, US  
[71] ELF ATOCHEM NORTH AMERICA, INC., US  
[22] 2000-04-13  
[43] 2000-10-15  
[30] US (60/129,405) 1999-04-15  
[30] US (09/538,619) 2000-03-29

[21] **2,305,930**  
[13] A1  
[51] **Int.Cl. 7C08L 33/12 7C08L 69/00 7C08L 23/02 7C08L 61/02 7C08L 77/02 7C08L 75/04 7C08L 27/06 7C08L 27/12**  
[25] FR  
[54] **COMPOSITIONS DE RESINES THERMOPLASTIQUES COMPRENANT UNE PHASE DISPERSEE RIGIDE**  
[54] **THERMOPLASTIC RESIN COMPOUNDS CONTAINING A RIGID DISPERSED PHASE**  
[72] VIVIER, THIERRY, FR  
[72] TEZE, LAURENT, FR  
[72] BERTIN, DENIS, FR  
[72] BOUILLOUX, ALAIN, FR  
[71] ELF ATOCHEM S.A., FR  
[22] 2000-04-14  
[43] 2000-10-15  
[30] FR (99/04722) 1999-04-15

[21] **2,305,933**  
[13] A1  
[51] **Int.Cl. 7C07C 323/52 7A61P 17/00 7A61P 35/00 7A61P 19/02 7C07D 257/04 7C07H 5/06 7C07D 263/10 7C07D 309/12 7A61K 31/16 7C07D 295/185 7A61K 31/19 7A61K 31/22 7A61K 31/40 7A61K 31/4453 7A61K 7/48 7A61K 31/495 7A61K 31/5375 7C07C 323/65 7A61K 31/7008**  
[25] FR  
[54] **COMPOSES (POLY)THIA-ALCYNOIQUES ET LEURS DERIVES, COMPOSITIONS LES COMPRENANT ET LEUR UTILISATION**  
[54] **(POLY)THIA-ALCYNOIC COMPOUNDS AND THEIR DERIVATIVES, COMPOSITIONS CONTAINING THEM AND THEIR USES**  
[72] MICHEL, SERGE, FR  
[72] MAIGNAN, JEAN, FR  
[72] GENARD, SYLVIE, FR  
[71] L'OREAL, FR  
[22] 2000-04-14  
[43] 2000-10-15  
[30] FR (99 04 745) 1999-04-15

[21] **2,305,940**  
[13] A1  
[51] **Int.Cl. 7C07D 249/14 7C07D 401/04 7A61P 3/04 7A61P 25/08 7A61P 3/10 7C07D 403/12 7C07D 405/12 7C07D 409/12 7A61P 9/12 7A61P 15/12 7C07D 401/14 7A61P 25/24 7A61K 31/4196 7A61K 31/4439 7A61K 31/501**  
[25] FR  
[54] **NOUVEAUX COMPOSES AMINOTRIAZOLES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**  
[54] **AMINOTRIAZOL COMPOUNDS, THE PROCESS FOR PREPARING THEM AND THE PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**  
[72] LEVENS, NIGEL, FR  
[72] FAUCHERE, JEAN-LUC, FR  
[72] ORTUNO, JEAN-CLAUDE, FR  
[72] DUHAULT, JACQUES, FR  
[72] BOUTIN, JEAN ALBERT, FR  
[71] ADIR ET COMPAGNIE, FR  
[22] 2000-04-14  
[43] 2000-10-15  
[30] FR (99.04721) 1999-04-15

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**15 octobre 2000 - 21 octobre 2000**

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[21] **2,305,941**  
[13] A1

[51] **Int.Cl. 7A61H 33/00**  
[25] FR  
[54] **SYSTEME DE MASSAGE A AIR POUR BAIGNOIRE**  
[54] **BATHTUB AIR MASSAGE SYSTEM**  
[72] CASTELLOTE, MIGUEL, CA  
[71] C.G. AIR SYSTEMES INC., CA  
[22] 2000-04-17  
[43] 2000-10-16  
[30] CA (2,269,307) 1999-04-16

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[21] **2,305,942**  
[13] A1

[51] **Int.Cl. 7A61K 7/40 7A61K 7/06 7A61K 7/48**  
[25] FR  
[54] **COMPOSITION RENFERMANT AU MOINS UN COMPOSE BICYCLIQUE AROMATIQUE ET AU MOINS UN 2-ALKYL ALCAN-1-OL OU UN ESTER, ET SES UTILISATIONS**  
[54] **COMPOSITION CONTAINING AT LEAST ONE AROMATIC BICYCLIC COMPOUND AND AT LEAST ONE 2-ALKYL ALCAN-1-OL OR AN ESTER, AND ITS USES**  
[72] BALDO, FRANCINE, FR  
[72] GUIRAMAND, CAROLE, FR  
[71] L'OREAL, FR  
[22] 2000-04-18  
[43] 2000-10-19  
[30] FR (99 04 889) 1999-04-19

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[21] **2,305,943**  
[13]

[51] **Int.Cl. 7A23L 1/187 7A23C 9/123 7A23C 9/13 7A23L 1/275**  
[25] EN  
[54] **METHOD FOR REDUCING COLOR MIGRATION IN MULTI-LAYERED, CAMEL COLORED, GEL-BASED DESSERT PRODUCTS AND THE PRODUCTS SO PRODUCED**  
[54] **METHODE POUR REDUIRE LA MIGRATION DES COULEURS DANS DES DESSERTS A ETAGES ET A BASE DE GEL DE COULEUR CAMEL, ET PRODUITS AINSI OBTENUS**  
[72] MIKULA, MARIO, US  
[72] SETHI, VIRENDER, US  
[72] HASHISAKA, ANN E. A., US  
[72] LAMMERT, AMY, US  
[71] HUNT-WESSON, INC., US  
[22] 2000-04-18  
[43] 2000-10-21  
[30] US (09/296,706) 1999-04-21

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[21] **2,305,944**  
[13]

[51] **Int.Cl. 7C07C 227/34 7C07C 333/04 7C07D 471/04 7C07C 229/08 7C07D 279/12 7C07K 1/14 7C07D 207/16 7C07D 209/20 7C07D 217/26 7C07C 319/28 7C07D 265/30 7C07D 211/32 7C07C 229/36 7C07C 271/54 7C07D 213/55 7C07C 323/58 7C07D 211/60 7C07C 209/88**  
[25] FR  
[54] **PROCEDE POUR LA SEPARATION D'ENANTIOMERES ET REACTIF ENANTIOPUR**  
[54] **PROCESS FOR SEPARATING ENANTIOMERS AND ENANTIOPUR REAGENT**  
[72] DELPLANCHE, THIERRY, BE  
[72] CALLENS, ROLAND, BE  
[71] SOLVAY (SOCIÉTÉ ANONYME), BE  
[22] 2000-04-18  
[43] 2000-10-21  
[30] BE (09900280) 1999-04-21

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[21] **2,305,945**  
[13]

[51] **Int.Cl. 7A23L 1/187 7A23C 9/123 7A23C 9/13 7A23L 1/275**  
[25] EN  
[54] **METHOD FOR REDUCING COLOR MIGRATION IN MULTI-LAYERED AND COLORED GEL-BASED DESSERT PRODUCTS AND THE PRODUCTS SO PRODUCED**  
[54] **METHODE POUR REDUIRE LA MIGRATION DES COULEURS DANS DES DESSERTS A ETAGES ET A BASE DE GEL COLORE, ET PRODUITS AINSI OBTENUS**  
[72] MIKULA, MARIO, US  
[72] SETHI, VIRENDER, US  
[72] HASHISAKA, ANN E. A., US  
[72] LAMMERT, AMY, US  
[71] HUNT-WESSON, INC., US  
[22] 2000-04-18  
[43] 2000-10-21  
[30] US (09/296,694) 1999-04-21

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[21] **2,305,963**  
[13] A1

[51] **Int.Cl. 7B44B 5/00**  
[25] EN  
[54] **UNITARY SADDLE FOR MOUNTING MULTIPLE EMBOSS SLUGS ON A SINGLE EMBOSS ROLL**  
[54] **SABOT MONOLITHIQUE DE FIXATION DE LOGOTYPES SUR UN SEUL ROULEAU DE GAUFRAGE**  
[72] DORTON, HOWARD L., JR., US  
[71] FORT JAMES CORPORATION, US  
[22] 2000-04-10  
[43] 2000-10-19  
[30] US (09/294,057) 1999-04-19

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[21] **2,305,973**  
[13]

[51] **Int.Cl. 7C09D 5/44 7C09D 17/00 7C09D 5/46**  
[25] EN  
[54] **CATIONICALLY ELECTRODEPOSITABLE COATING MATERIAL**  
[54] **MATERIAU DE REVETEMENT POUVANT ETRE DEPOSE PAR ELECTRODEPOSITION CATIONIQUE**  
[72] SUGISAKI, KATSUHIKA, JP  
[72] TOMINAGA, AKIRA, JP  
[72] NAKAO, FUMIAKI, JP  
[71] KANSAI PAINT CO., LTD., JP  
[22] 2000-04-19  
[43] 2000-10-21  
[30] JP (114,184/99) 1999-04-21  
[30] JP (123,446/99) 1999-04-30  
[30] JP (161,883/99) 1999-06-09

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[21] **2,305,975**  
[13]

[51] **Int.Cl. 7H04L 12/46**  
[25] EN  
[54] **ARCHITECTURE FOR SIGNAL DISTRIBUTION IN WIRELESS DATA NETWORK**  
[54] **ARCHITECTURE DE DISTRIBUTION DES SIGNAUX DANS UN RESEAU DE DONNEES SANS FIL**  
[72] SABAT, JOHN JR., US  
[72] BIANCHI, CHARLES H., US  
[72] GREENWOOD, KEN C., US  
[71] TRANSCRYPT, INC., US  
[22] 2000-04-19  
[43] 2000-10-21  
[30] US (60/130,445) 1999-04-21  
[30] US (09/332,518) 1999-06-14

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[21] **2,305,985**  
[13] A1

[51] **Int.Cl. 7G06F 17/40**  
[25] EN  
[54] **PORTABLE ELECTRONIC DEVICE HAVING A LOG-STRUCTURED FILE SYSTEM IN FLASH MEMORY**  
[54] **DISPOSITIF ELECTRONIQUE PORTATIF COMPRENANT UN SYSTEME DE FICHIERS A STRUCTURE DE CONSIGNATION EN MEMOIRE FLASH**  
[72] PARKER, KENNETH W., US  
[71] RESEARCH IN MOTION LIMITED, CA  
[22] 2000-04-18  
[43] 2000-10-19  
[30] US (09/294,934) 1999-04-19

[21] **2,305,990**  
[13] A1

[51] **Int.Cl. 7B01L 3/02 7G01N 35/10**  
[25] EN  
[54] **CLOSURE APPLIANCE FOR REAGENT CONTAINERS**  
[54] **DISPOSITIF DE FERMETURE POUR CONTENANTS A REACTIFS**  
[72] OTTO, RALF, DE  
[72] SANGER, HANS DIETER, DE  
[72] WILMES, HUGO, DE  
[71] DADE BEHRING MARBURG GMBH, DE  
[22] 2000-04-18  
[43] 2000-10-19  
[30] DE (199 17 646.9) 1999-04-19

[21] **2,305,994**  
[13]

[51] **Int.Cl. 7E05F 3/00**  
[25] EN  
[54] **DOOR CLOSER**  
[54] **FERME-PORTE**  
[72] MCLAUGHLIN, DANIEL R., US  
[72] LASSON, REX H., US  
[71] SCHLAGE LOCK COMPANY, US  
[22] 2000-04-18  
[43] 2000-10-21  
[30] US (60/130,364) 1999-04-21

[21] **2,305,999**  
[13] A1

[51] **Int.Cl. 7B65D 33/38**  
[25] EN  
[54] **POUR-SPOUT CLOSURE FOR FLEXIBLE PACKAGES AND FLEXIBLE PACKAGES INCLUDING A POUR-SPOUT CLOSURE**  
[54] **FERMETURE A BEC VERSEUR POUR EMBALLAGES SOUPLES, ET EMBALLAGES SOUPLES COMPRENANT UNE FERMETURE A BEC VERSEUR**  
[72] SUTO, DAVID K., US  
[72] GALOMB, DAVID E., US  
[71] FRES-CO SYSTEM USA, INC., US  
[22] 2000-04-17  
[43] 2000-10-19  
[30] US (09/294,155) 1999-04-19  
[30] US (09/547408) 2000-04-12

[21] **2,306,004**  
[13] A1

[51] **Int.Cl. 7C07C 253/30 7C07F 7/10 7C07C 255/33 7C07C 255/35 7C07C 255/37 7C07C 255/45 7C07C 255/51 7C07D 213/57**  
[25] EN  
[54] **PROCESS FOR PREPARING AN AROMATIC COMPOUND SUBSTITUTED BY A TERTIARY NITRILE**  
[54] **PROCEDE DE PREPARATION D'UN COMPOSE AROMATIQUE SUBSTITUE PAR UN NITRILE TERTIAIRE**  
[72] CARON, STEPHANE, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-04-18  
[43] 2000-10-20  
[30] US (60/130,175) 1999-04-20

[21] **2,306,007**  
[13] A1

[51] **Int.Cl. 7C25D 13/10 7C09D 5/44**  
[25] EN  
[54] **METHOD FOR FORMING MULTI-LAYER PAINT FILM**  
[54] **METHODE POUR FORMER UN FEUIL DE PEINTURE EN PLUSIEURS COUCHES**  
[72] TOMIZAKI, YASUHIRO, JP  
[72] HIRAKI, TADAYOSHI, JP  
[72] KASARI, AKIRA, JP  
[71] KANSAI PAINT CO., LTD., JP  
[22] 2000-04-18  
[43] 2000-10-19  
[30] JP (110,616/99) 1999-04-19

[21] **2,306,035**  
[13]

[51] **Int.Cl. 7H01R 13/652**  
[25] EN  
[54] **CONNECTOR FOR ELECTRICAL ISOLATION IN A CONDENSED AREA**  
[54] **CONNECTEUR ASSURANT L'ISOLATION ELECTRIQUE POUR MILIEU PRESENTANT DE LA CONDENSATION**  
[72] ORTEGA, JOSE L., US  
[72] STONER, STUART CRAIG, US  
[71] BERG TECHNOLOGY, INC., US  
[22] 2000-04-18  
[43] 2000-10-21  
[30] US (09/295,504) 1999-04-21

[21] **2,306,037**  
[13]

[51] **Int.Cl. 7H04L 12/26 7H04L 12/54**  
[25] EN  
[54] **BAND WIDTH MEASURING METHOD AND APPARATUS FOR A PACKET SWITCHING NETWORK**  
[54] **METHODE ET DISPOSITIF DE MESURE DE LA LARGEUR DE BANDE POUR RESEAU A COMMUTATION DE PAQUETS**  
[72] FUKUOKA, HIROYUKI, JP  
[71] KDD CORPORATION, JP  
[22] 2000-04-18  
[43] 2000-10-21  
[30] JP (11-113369) 1999-04-21

[21] **2,306,039**  
[13] A1

[51] **Int.Cl. 7A61K 38/21 7A61K 45/08 7A61P 31/12 7A61K 31/7056**  
[25] EN  
[54] **HCV COMBINATION THERAPY**  
[54] **THERAPIE COMBINEE CONTRE LE VHC**  
[72] GLUE, PAUL W., US  
[72] PIKEN, EDWARD, US  
[72] BRASS, CLIFFORD A., US  
[71] SCHERING CORPORATION, US  
[22] 2000-04-18  
[43] 2000-10-19  
[30] US (09/294,687) 1999-04-19

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[21] **2,306,040**  
[13] A1

[51] **Int.Cl. 7A61K 7/42**  
[25] EN  
[54] **COLORING AGENT-CONTAINING SUNLESS TANNING COMPOSITIONS**  
[54] **COMPOSITIONS DE BRONZAGE SANS SOLEIL CONTENANT UN COLORANT**  
[72] ORTEGA, ALEJANDRO V., US  
[72] STROUD, ERIC M., US  
[72] SCOTT, JOHN A., US  
[71] SCHERING-PLOUGH HEALTHCARE PRODUCTS, INC., US  
[22] 2000-04-18  
[43] 2000-10-20  
[30] US (60/130,218) 1999-04-20

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[21] **2,306,042**  
[13] A1

[51] **Int.Cl. 7H04L 12/56**  
[25] EN  
[54] **SHORT AND LONG TERM FAIR SHUFFLING FOR CROSSBAR SWITCH ARBITER**  
[54] **ENTRELACEMENT EQUITABLE A COURT ET A LONG TERMES POUR PROGRAMME ARBITRAIRE DE COMMUTATEUR CROSSBAR**  
[72] CALAMVOKIS, COSTAS, US  
[71] PMC-SIERRA, INC., CA  
[22] 2000-04-18  
[43] 2000-10-19  
[30] US (60/130,406) 1999-04-19  
[30] US (UNKNOWN) 2000-04-17

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[21] **2,306,048**  
[13] A1

[51] **Int.Cl. 7G11B 13/04**  
[25] EN  
[54] **DATA REPRODUCING APPARATUS AND METHOD**  
[54] **APPAREIL ET METHODE DE LECTURE DE DONNEES**  
[72] FUKUMOTO, ATSUSHI, JP  
[72] KAI, SHINICHI, JP  
[72] YOSHIMURA, SHUNJI, JP  
[71] SONY CORPORATION, JP  
[22] 2000-04-18  
[43] 2000-10-20  
[30] JP (P11-112840) 1999-04-20

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[21] **2,306,063**  
[13] A1

[51] **Int.Cl. 7A61B 17/00**  
[25] EN  
[54] **CORONARY STABILIZER FOR PERFORMING BEATING HEART SURGERY**  
[54] **STABILISANT CORONARIEN POUR EFFECTUER UNE CHIRURGIE SUR UN COEUR BATTANT**  
[72] CARTIER, RAYMOND, CA  
[72] PAOLITTO, ANTHONY, CA  
[72] VALENTINI, VALERIO, CA  
[71] CARTIER, RAYMOND, CA  
[71] PAOLITTO, ANTHONY, CA  
[71] VALENTINI, VALERIO, CA  
[22] 2000-04-14  
[43] 2000-10-16  
[30] CA (2,269,242) 1999-04-16

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[21] **2,306,094**  
[13] A1

[51] **Int.Cl. 7G01N 21/898 7H04N 1/053 7G01N 33/46**  
[25] EN  
[54] **APPARATUS FOR DETECTING DEFECTS IN WOOD PROCESSED BY A PLANER**  
[54] **APPAREIL DE DETECTION DE DEFAUTS DU BOIS MACHINE PAR UNE RABOTEUSE**  
[72] LESSARD, ROBERT, CA  
[72] ETHIER, DANIEL, CA  
[71] AUTOLOG INC., CA  
[22] 2000-04-14  
[43] 2000-10-16  
[30] CA (2,268,337) 1999-04-16

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[21] **2,306,156**  
[13] A1

[51] **Int.Cl. 7H02P 7/628 7B60L 3/00 7B60L 15/20**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CONTROLLING AN AC TRACTION MOTOR WITHOUT SENSING MOTOR ROTATION SPEED**  
[54] **SYSTEME ET METHODE DE COMMANDE D'UN MOTEUR C.A. DE TRACTION SANS DETECTER LA VITESSE DE ROTATION DU MOTEUR**  
[72] KUMAR, AJITH KUTTANNAIR, US  
[72] DAGLE, JEFFREY LOUIS, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-04-14  
[43] 2000-10-15  
[30] US (09/292,429) 1999-04-15

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[21] **2,306,163**  
[13]

[51] **Int.Cl. 7A61C 13/00**  
[25] EN  
[54] **DENTAL PROSTHESIS STABILIZER**  
[54] **STABILISATEUR DE PROTHESE DENTAIRE**  
[72] VANDER KERKEN, ANDRE, BE  
[72] VAN CAESBROECK, JEAN-PIERRE, BE  
[71] VANDER KERKEN, ANDRE, BE  
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[22] 2000-04-19  
[43] 2000-10-21  
[30] BE (9900277) 1999-04-21

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[54] **SEGREGATOR BUCKET**  
[54] **GODET SEPARATEUR**  
[72] LEYLAND, RODNEY JAMES, GB  
[72] HALL, STEVEN, GB  
[71] LEYLAND, RODNEY JAMES, GB  
[71] HALL, STEVEN, GB  
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[43] 2000-10-17  
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[21] **2,306,179**  
[13] A1

[51] **Int.Cl. 7C07F 13/00**  
[25] EN  
[54] **FATTY ACID DERIVATIVE LABELED WITH A RADIOACTIVE TRANSITION METAL**  
[54] **DERIVE D'ACIDE GRAS ETIQUETE AVEC UN METAL DE TRANSITION RADIOACTIF**  
[72] SAJI, HIDEO, JP  
[72] MAGATA, YASUHIRO, JP  
[72] YAMAMURA, NORIO, JP  
[72] ARANO, YASUSHI, JP  
[71] NIHON MEDI-PHYSICS CO., LTD., JP  
[22] 2000-04-18  
[43] 2000-10-20  
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[21] **2,306,201**  
[13] A1

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[25] EN  
[54] **WOVEN LABEL OF TUBULAR CLOTH CONTAINING AN ANTI-THEFT DETECTOR USED IN CLOTHING, FOOTWEAR AND LEATHER GOODS**  
[54] **ETIQUETTE TISSEE EN ETOFFE TUBULAIRE CONTENANT UN DETECTEUR ANTIVOL POUR ARTICLES VESTIMENTAIRES, CHAUSSANTS ET EN CUIR**  
[72] VERGARA, MIGUEL ANGEL GUILLO, ES  
[71] VERGARA, MIGUEL ANGEL GUILLO, ES  
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[43] 2000-10-20  
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[51] **Int.Cl. 7C08F 134/02 7C07F 11/00 7C07F 15/00 7C07C 29/14 7C07C 33/20**  
[25] EN  
[54] **POLYMERIC HOMOGENEOUS CATALYSTS**  
[54] **CATALYSEURS HOMOGENES POLYMERIQUES**  
[72] SEGER, ANDREAS, DE  
[72] HOCKER, HARTWIG, DE  
[72] BOLM, CARSTEN, DE  
[72] DINTER, CHRISTIAN, DE  
[72] BROZIO, JORG, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
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[51] **Int.Cl. 7A61K 31/727 7A61K 31/196 7A61K 31/395 7A61K 9/70**  
[25] EN  
[54] **PLASTER FOR TOPICAL USE CONTAINING HEPARIN AND DICLOFENAC**  
[54] **PANSEMENT ADHESIF POUR USAGE TOPIQUE CONTENANT DE L'HEPARINE ET DU DICLOFENAC**  
[72] RAPAPORT, IRINA, CH  
[72] DONATI, ELISABETTA, IT  
[71] ALTERGON S.A., CH  
[22] 2000-04-19  
[43] 2000-10-21  
[30] IT (MI99A000834) 1999-04-21

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[51] **Int.Cl. 7C09D 5/44 7C09D 17/00 7C09D 5/46**  
[25] EN  
[54] **CATIONIC ELECTRODEPOSITION COATING COMPOSITION**  
[54] **COMPOSITION DE REVETEMENT POUR ELECTRODEPOSITION CATIONIQUE**  
[72] SUGISAKI, KATSUHISA, JP  
[72] KATO, KIYOSHI, JP  
[71] KANSAI PAINT CO., LTD., JP  
[22] 2000-04-19  
[43] 2000-10-21  
[30] JP (112991/99) 1999-04-21  
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[21] **2,306,236**  
[13] A1

[51] **Int.Cl. 7G01N 21/13**  
[25] EN  
[54] **PHOTOMETRIC ANALYSIS APPARATUS WITH AUTOMATIC LOADING**  
[54] **ANALYSEUR PHOTOMETRIQUE A CHARGEMENT AUTOMATIQUE**  
[72] NEBULONI, LUIGI, IT  
[72] LATTUADA, ELENA, IT  
[71] INSTRUMENTATION LABORATORY, S.P.A., IT  
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[51] **Int.Cl. 7C07C 43/11 7C07C 41/03 7C07C 213/04 7C07C 231/12 7C07C 43/13 7C07C 319/14 7C07C 43/178 7C07C 43/23 7C07C 67/26 7C08G 65/28 7C07C 41/50**  
[25] EN  
[54] **METHOD OF ETHOXYLATION USING VAPOR PHASE DISCHARGE OF ETHYLENE OXIDE**  
[54] **METHODE D'ETHOXYLATION PAR DECHARGE EN PHASE VAPEUR D'OXYDE D'ETHYLENE**  
[72] LEUNG, PHILIP L., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2000-04-19  
[43] 2000-10-19  
[30] US (09/294,422) 1999-04-19

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[13] A1

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[25] EN  
[54] **METHOD FOR CLEANING HYDROCARBON-CONTAINING SOILS FROM SURFACES**  
[54] **METHODE POUR ELIMINER DES SOLS RENFERMANT DES HYDROCARBURES DE SURFACES**  
[72] CRUTCHER, TERRY, US  
[71] TOMAH PRODUCTS, INC., US  
[22] 2000-04-19  
[43] 2000-10-19  
[30] US (09/294,267) 1999-04-19

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[51] **Int.Cl. 7C23F 11/14**  
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[54] **CORROSION INHIBITING ADMIXTURE FOR CONCRETE**  
[54] **ADMIXTION INHIBITRICE DE LA CORROSION POUR LE BETON**  
[72] MUNTEANU, VIOLETA F., US  
[72] LANE, DONALD R., US  
[72] MELENDEZ, JOSE A., US  
[72] KINNEY, FREDERICK D., US  
[71] TOMAHAWK, INC., US  
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[43] 2000-10-19  
[30] US (09/295,117) 1999-04-19

[21] **2,306,279**  
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[51] **Int.Cl. 7E06B 11/02**  
[25] EN  
[54] **MECHANICALLY ACTUATED BI-DIRECTIONAL GATE**  
[54] **PORTAIL MECANIQUE MANOEUVRABLE DES DEUX COTES**  
[72] HALSTEAD, BRAD, CA  
[72] HERTER, LARRY, CA  
[71] HALSTEAD, BRAD, CA  
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[13] A1

[51] **Int.Cl. 7A23N 12/02**  
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[54] **APPARATUS AND METHODS FOR WASHING THE CORED AREAS OF LETTUCE HEADS DURING HARVEST**  
[54] **APPAREIL ET METHODES POUR LE LAVAGE DES PARTIES EVIDEES DES LAITUES DURANT LA RECOLTE**  
[72] RIZZO, EUGENE D., US  
[72] BROWN, RICHARD S., US  
[71] FRESH EXPRESS, INC., US  
[22] 2000-04-20  
[43] 2000-10-20  
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[13] A1

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[25] EN  
[54] **PERFUME BAGS**  
[54] **SACS A PARFUM**  
[72] WEBER, HENRIETTE, DE  
[72] NEUMANN, MATTHIAS, DE  
[72] LAHN, WOLFGANG, DE  
[72] PAATZ, KATHLEEN, DE  
[72] JESCHKE, RAINER, DE  
[71] HENKEL  
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[54] **PARQUET COMPOSITE**  
[72] VANGILDER, JAMES N., US  
[72] PADMANABHAN, GOPALKRISHNA, US  
[72] DHARANI, LOKESWARAPPA A., US  
[71] HAVCO WOOD PRODUCTS, INC., US  
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[54] **CONTENANT A DECHETS ET ESSIEU CONNEXE**  
[72] WALSKI, ROBERT A., US  
[72] MOORE, SALLY L., US  
[72] KAMINSKI, GARY L., US  
[71] CASCADE ENGINEERING, INC., US  
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[54] **SHARPS DESTROYER**  
[54] **APPAREILS DE DESTRUCTION D'AIGUILLES**  
[72] CLARKE, HOWARD MORGAN, GB  
[71] SHARPAWAY LIMITED, GB  
[22] 2000-04-20  
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[54] **EQUIVALENT DE PEAU AGEE**  
[54] **AGED SKIN EQUIVALENT**  
[72] PAGEON, HERVE, FR  
[72] ASSELINEAU, DANIEL, FR  
[72] TACHON, PIERRE, FR  
[71] L'OREAL, FR  
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[43] 2000-10-20  
[30] FR (99 04 970) 1999-04-20

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[51] **Int.Cl. 7E21B 44/00**  
[25] FR  
[54] **METHODE ET SYSTEME DE DETECTION DU DEPLACEMENT LONGITUDINAL D'UN OUTIL DE FORAGE**  
[54] **METHOD AND SYSTEM OF DETECTING THE LONGITUDINAL DISPLACEMENT OF A DRILL BIT**  
[72] DESPLANS, JEAN-PIERRE, FR  
[72] REY-FABRET, ISABELLE, FR  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
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[13] A1

[51] **Int.Cl. 7E04D 3/00**  
[25] FR  
[54] **MEMBRANE PARE-VAPEUR ET COMPLEXE ISOLANT ET ETANCHEIFIANT COMPRENANT NOTAMMENT UNE TELLE MEMBRANE**  
[54] **VAPOUR BARRIER MEMBRANE AND INSULATING AND SEALING COMPLEX INCLUDING SUCH A MEMBRANE**  
[72] PERRIN, REMI, FR  
[72] GUILLIER, ANNE, FR  
[72] BINDSCHEDLER, PIERRE ETIENNE, FR  
[71] SOPREMA (SOCIÉTÉ ANONYME), FR  
[22] 2000-04-18  
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[51] **Int.Cl. 7H04Q 7/24 7H04Q 7/36**  
[25] EN  
[54] **BLOSSOM/WILT FOR DYNAMIC REALLOCATION IN A DISTRIBUTED FIBER SYSTEM**  
[54] **EXTENSION/REDUCTION DE CAPACITE POUR LA REALLOCATION DYNAMIQUE DANS UN RESEAU A FIBRES OPTIQUES REPARTI**  
[72] SABAT, JOHN JR., US  
[71] TRANSCEPT, INC., US  
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[54] **GEARING FOR WIND GENERATORS**  
[54] **ENGRENAGE POUR AEROGENERATEURS**  
[72] HOSLE, HELMUT, DE  
[71] RENK-AKTIENGESELLSCHAFT, DE  
[22] 2000-04-19  
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[30] DE (199 17 605.1) 1999-04-19

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[51] **Int.Cl. 7H04L 12/16 7A63F 13/12**  
[25] EN  
[54] **INTERNET MARKETING METHOD AND GAME**  
[54] **METHODE ET JEU DE MARKETING PAR INTERNET**  
[72] LYNN, SCOTT W., US  
[71] VIRTUMUNDO, INC., US  
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[54] **COMBINATION CLOTHING SAFETY HARNESS**  
[54] **VETEMENT ET HARNAIS DE SECURITE COMBINES**  
[72] YOUNG, DAVID A., US  
[72] TOWNSEND, JONATHAN MARK, US  
[71] YOUNG, DAVID A., US  
[71] TOWNSEND, JONATHAN MARK, US  
[22] 2000-04-25  
[43] 2000-10-21  
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[13] A1  
[51] **Int.Cl. 7G01V 3/32**  
[25] EN  
[54] **NUCLEAR MAGNETIC RESONANCE MEASUREMENTS IN WELL LOGGING USING AN OPTIMIZED REPHASING PULSE SEQUENCE**  
[54] **MESURES DE RESONANCE MAGNETIQUE NUCLEAIRE POUR LA DIAGRAPHIE DES SONDAGES UTILISANT DES PULSATIONS SEQUENTIELS A REPHASAGE OPTIMISE**  
[72] HAWKES, ROBERT, GB  
[72] LUCAS, ALUN, GB  
[72] SLADE, ROBERT ANDREW, GB  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2000-04-19  
[43] 2000-10-19  
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[51] **Int.Cl. 7C10G 29/00**  
[25] EN  
[54] **METHOD FOR DESULPHURIZATION OF HYDROCARBON STREAMS**  
[54] **METHODE DE DESULFURATION DE CIRCUITS D'HYDROCARBURES**  
[72] CLARK, PETER D., CA  
[71] UNIVERSITY TECHNOLOGIES INTERNATIONAL INC., CA  
[22] 2000-04-20  
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[30] US (60/130,265) 1999-04-21

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[51] **Int.Cl. 7B29C 33/40**  
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[54] **METHOD OF FORMING A FLEXIBLE MOLD AND RESULTING ARTICLE**  
[54] **METHODE POUR FORMER UN MOULE SOUPLE ET UN ARTICLE OBTENU AVEC CE DERNIER**  
[72] CORRY, ARTHUR A., US  
[71] CORRY, ARTHUR A., US  
[22] 2000-06-07  
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[51] **Int.Cl. 7C12N 15/869 7A61K 48/00 7C12N 7/01 7A61K 39/12 7C12N 15/34**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR TREATING HUMAN CELLS**  
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DES CELLULES HUMAINES**  
[72] KLATZMANN, DAVID, FR  
[72] LOUBIERE, LAURENCE, FR  
[71] UNIVERSITE PIERRE ET MARIE CURIE (PARIS VI), FR  
[22] 2000-04-19  
[43] 2000-10-20  
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[13]  
[51] **Int.Cl. 7F16M 13/00 7B60R 11/00 7B63B 29/12**  
[25] EN  
[54] **MOUNTING BRACKET FOR MAINTAINING AN ARTICLE LEVEL**  
[54] **SUPPORT DE MONTAGE POUR MAINTENIR UN ARTICLE DE NIVEAU**  
[72] ADAMS, BYRON R., CA  
[72] RADKE, GEORGE F., CA  
[71] FORCE 10 MARINE LTD., CA  
[22] 2000-04-20  
[43] 2000-10-21  
[30] US (09/296,444) 1999-04-21

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[21] **2,313,427**  
[13]  
[51] **Int.Cl. 7G09D 3/06 7G04B 19/25**  
[25] EN  
[54] **PERSONAL ORGANIZATION TOOL**  
[54] **OUTIL D'ORGANISATION PERSONNELLE**  
[72] BROPHY, A. DANIEL, CA  
[71] BROPHY, A. DANIEL, CA  
[22] 2000-07-28  
[43] 2000-10-21

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[13]  
[51] **Int.Cl. 7G01V 1/00**  
[25] EN  
[54] **PROSPECTING TECHNIQUE**  
[54] **TECHNIQUE DE PROSPECTION**  
[72] MATTHEWS, LARRY, CA  
[71] NORANDA INC., CA  
[22] 2000-04-20  
[43] 2000-10-21  
[30] US (09/295,378) 1999-04-21

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[13] A1

[51] **Int.Cl. 7A61K 31/505**

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[54] **PHARMACEUTICAL**

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[54] **COMPOSITIONS**

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[72] WIGGINS, NORMAN ALFRED, US

[72] CREEKMORE, JOSEPH RICHARD,

US

[71] ASTRAZENECA AB, SE

[22] 2000-08-04

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[25] EN  
[54] **METHOD FOR REDUCING SUSCEPTIBILITY TO HIV INFECTION**  
[54] **PROCEDE POUR REDUIRE LA SENSIBILITE A L'INFECTION A VIH**  
[72] THOMAS, ELAINE K., US  
[71] IMMUNEX CORPORATION, US  
[85] 2000-06-09  
[86] 1998-12-18 (PCT/US98/27005)  
[87] 1999-07-01 (WO99/32138)  
[30] US (60/068,355) 1997-12-19  
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[13] A1

[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **NEW CANDIDA ALBICANS KRE9 AND USES THEREOF**  
[54] **NOUVEAU CANDIDA ALBICANS KRE9 ET SES UTILISATIONS**  
[72] LUSSIER, MARC, CA  
[72] BUSSEY, HOWARD, CA  
[72] SHAHINIAN, SARKIS SERGE, CA  
[72] SDICU, ANNE-MARIE, CA  
[71] MCGILL UNIVERSITY, CA  
[85] 2000-06-12  
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[21] **2,315,773**  
[13] A1

[51] **Int.Cl. 7G01S 13/02**  
[25] EN  
[54] **ELECTRONIC SUPPORT MEASURES (ESM) DUTY DITHERING SCHEME FOR IMPROVED PROBABILITY OF INTERCEPT AT LOW ESM UTILIZATION**  
[54] **PROCEDE DE VIBRATION LIE AU COEFFICIENT D'UTILISATION DE SYSTEMES D'ECOUTE D'EMISSIONS (ESM) PERMETTANT UNE MEILLEURE PROBABILITE D'INTERCEPTION LORS D'UNE FAIBLE UTILISATION DE SYSTEMES ESM**  
[72] LEWIS, WILLIAM L., US  
[72] KARDATZKE, JEFFREY A., US  
[71] RAYTHEON COMPANY, US  
[85] 2000-06-19  
[86] 1999-10-20 (PCT/US99/24667)  
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[13] A1

[51] **Int.Cl. 7G06K 9/78 7G06F 17/14**  
[25] EN  
[54] **A METHOD AND SYSTEM FOR PATTERN RECOGNITION AND PROCESSING**  
[54] **PROCEDE ET SYSTEME DE RECONNAISSANCE ET DE TRAITEMENT DES FORMES**  
[72] MILLS, RANDELL L., US  
[71] MILLS, RANDELL L., US  
[85] 2000-06-21  
[86] 1998-12-23 (PCT/US98/27624)  
[87] 1999-07-08 (WO99/34322)  
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[13] A1

[51] **Int.Cl. 6C12N 15/12 6C07H 21/04 6C12N 15/11 6A61K 38/17 6C07K 16/18 6A61K 38/30 6A61K 39/395 6C07K 14/47 6C07K 14/65 6G01N 33/68 6A61K 31/70**  
[25] EN  
[54] **INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN FRAGMENTS AND THE UTILIZATION THEREOF**  
[54] **FRAGMENTS DE PROTEINE LIANT LE FACTEUR DE CROISSANCE DE SUBSTANCES APPARENTEES A L'INSULINE ET LEUR UTILISATION**  
[72] OBENDORF, MAIK, DE  
[72] STANDKER, LUDGER, DE  
[72] KLING, LOTHAR, DE  
[72] OPITZ, HANS-GEORG, DE  
[72] MOSTAFAVI, HOSSEIN, DE  
[71] FORSSMANN, WOLF-GEORG, DE  
[85] 2000-06-20  
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[87] 1999-07-01 (WO99/32620)  
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<p style="text-align: center;">[21] <b>2,315,976</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6A61K 48/00 6C07H 21/04 6C12N 15/11 6C07K 16/38 6A61K 38/57 6G01N 33/68 6A61K 31/70 6C07K 14/81</b></p> <p>[25] EN</p> <p>[54] <b>SERINE PROTEINASE INHIBITORS</b></p> <p>[54] <b>INHIBITEURS DE SERINE-PROTEINASE</b></p> <p>[72] KREUTZMANN, PETER, DE [72] STANDKER, LUDGER, DE [72] MAGERT, HANS-JURGEN, DE [71] FORSSMANN, WOLF-GEORG, DE [85] 2000-06-21 [86] 1998-12-23 (PCT/EP98/08424) [87] 1999-07-08 (WO99/33974) [30] DE (197 57 572.2) 1997-12-23 [30] DE (198 00 363.3) 1998-01-08</p>	<p style="text-align: center;">[21] <b>2,316,033</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/86 6A61K 48/00 6C12N 7/01 6C07K 14/115 6C12N 15/40 6C12N 15/62</b></p> <p>[25] EN</p> <p>[54] <b>RECOMBINANT RHABDOVIRUS CONTAINING A HETEROLOGOUS FUSION PROTEIN</b></p> <p>[54] <b>RHABDOVIRUS RECOMBINE CONTENANT UNE PROTEINE DE FUSION HETEROLOGUE</b></p> <p>[72] ROBINSON, CLINTON S., US [72] WHITT, MICHAEL A., US [71] THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION, US [85] 2000-06-21 [86] 1998-12-22 (PCT/US98/26084) [87] 1999-07-01 (WO99/32648) [30] US (60/068,472) 1997-12-22</p>	<p style="text-align: center;">[21] <b>2,316,323</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/19 6C07K 14/52</b></p> <p>[25] EN</p> <p>[54] <b>LYMPHOTACTIN AS AN ADJUVANT</b></p> <p>[54] <b>LYMPHOTACTINE UTILISEE COMME ADJUVANT</b></p> <p>[72] LILLARD, JAMES, US [71] UAB RESEARCH FOUNDATION, US [85] 2000-06-19 [86] 1998-12-18 (PCT/US98/26976) [87] 1999-07-01 (WO99/32137) [30] US (60/068,364) 1997-12-19</p>
<p style="text-align: center;">[21] <b>2,316,324</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/52 6A01G 7/00 6C12N 9/00 6C12N 1/20 6G01N 33/53 6C12Q 1/68</b></p> <p>[25] EN</p> <p>[54] <b>INCREASE OF NODULE NUMBER AND NITROGEN FIXATION IN LEGUMINOSAE</b></p> <p>[54] <b>AUGMENTATION DU NOMBRE DE NODULES ET DE LA FIXATION DE L'AZOTE DANS DES LEGUMINEUSES</b></p> <p>[72] ROSEMAYER, VIOLA, BE [72] VANDERLEYDEN, JOZEF, BE [71] K.U. LEUVEN RESEARCH &amp; DEVELOPMENT, BE [85] 2000-06-22 [86] 1998-12-22 (PCT/EP98/08534) [87] 1999-07-08 (WO99/33966) [30] EP (97204088.5) 1997-12-23 [30] EP (98200498.8) 1998-02-17</p>		

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[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6C07K 16/32 6G01N 33/563 6A61K 31/70 6C07K 14/82**  
[25] EN  
[54] **TUMOR ANTIGEN PROTEIN, GENE THEREOF, AND UTILIZATION THEREOF**  
[54] **PROTEINE D'ANTIGENE TUMORAL, SON GENE ET SON UTILISATION**  
[72] SHICHIJO, SHIGEKI, JP  
[72] ITOH, KYOGO, JP  
[72] IMAI, YASUHISA, JP  
[71] ITOH, KYOGO, JP  
[85] 2000-06-23  
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[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6C12N 5/08 6C07K 16/30 6C07K 14/47 6G01N 33/574 6C12Q 1/68 6A61K 31/71**  
[25] EN  
[54] **COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS OF BREAST CANCER AND METHODS FOR THEIR USE**  
[54] **COMPOSES DESTINES A L'IMMUNOTHERAPIE ET AU DIAGNOSTIC DU CANCER DU SEIN, ET LEUR MODE D'UTILISATION**  
[72] REED, STEVEN, US  
[72] XU, JIANGCHUN, US  
[71] CORIXA CORPORATION, US  
[85] 2000-06-22  
[86] 1998-12-22 (PCT/US98/27416)  
[87] 1999-07-08 (WO99/33869)  
[30] US (08/998,253) 1997-12-24  
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[51] **Int.Cl. 6C12N 15/52 6C12N 9/00 6C12P 35/00**  
[25] EN  
[54] **MODIFIED DEACETOXYCEPHALOSPORIN C SYNTHASE (DAOCS) AND X-RAY STRUCTURE**  
[54] **DESACETOXYCEPHALOSPORINE C SYNTHASE (DAOCS) MODIFIES ET STRUCTURE AUX RAYONS X**  
[72] ANDERSSON, INGER, SE  
[72] HAJDU, JANOS, SE  
[72] HARLOS, KARL, GB  
[72] LLOYD, MATTHEW D., GB  
[72] ROACH, PETER L., GB  
[72] TERWISSCHA VAN SCHELTINGA, ANKE S., SE  
[72] RAMASWAMY, S., SE  
[72] SCHOFIELD, CHRISTOPHER JOSEPH, GB

[72] VALEGARD, KARIN, SE  
[72] BALDWIN, JACK EDWARD, GB  
[71] ISIS INNOVATION LIMITED, GB  
[85] 2000-06-22  
[86] 1998-12-24 (PCT/GB98/03860)  
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[51] **Int.Cl. 6C12N 15/12 6G01N 33/68 6C12Q 1/68 6C07K 14/705**  
[25] EN  
[54] **MAMMALIAN EDG-5 RECEPTOR HOMOLOGS**  
[54] **HOMOLOGUES DES RECEPTEURS EDG-5 CHEZ LES MAMMIFERES**  
[72] CHUN, JEROLD J. M., US  
[72] MUNROE, DONALD G., CA  
[72] VYAS, TEJAL B., CA  
[72] GUPTA, ASHWANI K., CA  
[71] NPS ALLELIX CORP., CA  
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[51] **Int.Cl. 6C12N 15/19 6C12N 5/10 6A61K 38/19 6C12N 1/21 6C07K 14/52**  
[25] EN  
[54] **RANTES MUTANTS AND THERAPEUTIC APPLICATIONS THEREOF**  
[54] **MUTANTS RANTES ET LEURS APPLICATIONS THERAPEUTIQUES**  
[72] POLO, SIMONA, IT  
[72] LUSSO, PAOLO, IT  
[71] FONDAZIONE CENTRO SAN RAFFAELE DEL MONTE TABOR, IT  
[85] 2000-06-22  
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[87] 1999-07-08 (WO99/33989)  
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[13] A1  
[51] **Int.Cl. 6G01N 33/53 6C07H 21/04 6G01N 33/536 6C12N 15/63 6C12Q 1/68**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR THE IDENTIFICATION OF GROWTH FACTOR MIMETICS, GROWTH FACTORS AND INHIBITORS**  
[54] **PROCEDES ET COMPOSITIONS D'IDENTIFICATION DE SUBSTANCES MIMETIQUES DE FACTEURS DE CROISSANCE, DE FACTEURS DE CROISSANCE ET D'INHIBITEURS**  
[72] BOWDISH, KATHERINE S., US  
[71] PROLIFARON, INC., US  
[85] 2000-06-27  
[86] 1999-01-22 (PCT/US99/01331)  
[87] 1999-07-29 (WO99/38008)  
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[13] A1  
[51] **Int.Cl. 7G02B 5/30 7G02F 1/1335 7C08J 5/18**  
[25] EN  
[54] **RETARDATION FILM AND OPTICAL DEVICE EMPLOYING IT**  
[54] **FILM A DIFFERENCES DE PHASE ET DISPOSITIF OPTIQUE DANS LEQUEL IL EST UTILISE**  
[72] KUSHIDA, TAKASHI, JP  
[72] UCHIYAMA, AKIHIKO, JP  
[71] TEIJIN LIMITED, JP  
[85] 2000-06-29  
[86] 1999-10-29 (PCT/JP99/06057)  
[87] 2000-05-11 (WO00/26705)  
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[30] JP (11/94846) 1999-04-01

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[13] A1

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[25] EN  
[54] **METHOD FOR FORMING A MOVING HEARTH IN A FURNACE FOR PRODUCING REDUCED IRON AGGLOMERATES**  
[54] **PROCEDE DE FORMATION D'UN FOYER MOBILE DANS UN FOUR POUR PRODUIRE DES AGGLOMERATS DE FER REDUITS**  
[72] TANAKA, HIDETOSHI, JP  
[72] HARADA, TAKAO, JP  
[72] MATSUSHITA, KOICHI, JP  
[72] TATEISHI, MASATAKA, JP  
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO STEEL, LTD.), JP  
[85] 2000-06-29  
[86] 1999-11-01 (PCT/JP99/06062)  
[87] 2000-05-11 (WO00/26596)  
[30] JP (10/313202) 1998-11-04

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[13] A1

[51] **Int.Cl. 6H01S 3/19**  
[25] EN  
[54] **SEMICONDUCTOR LASER WITH KINK SUPPRESSION LAYER**  
[54] **LASER A SEMI-CONDUCTEUR AVEC COUCHE DE SUPPRESSION DES ONDULATIONS**  
[72] BOWLER, DENNIS P., US  
[71] LASERTRON, US  
[85] 2000-06-29  
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[30] US (09/002,151) 1997-12-31

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[13] A1

[51] **Int.Cl. 6B29C 44/34**  
[25] EN  
[54] **METHOD FOR MANUFACTURING A FOAMED MOULDED BODY FROM A MASS COMPRISING NATURAL POLYMERS AND WATER**  
[54] **PROCEDE DE FABRICATION D'UN CORPS MOULE A STRUCTURE CELLULAIRE A PARTIR D'UNE MASSE COMPRENANT DES POLYMERES NATURELS ET DE L'EAU**  
[72] ARENTSEN, JAN HENDRIK ADOLF, NL  
[72] HUISMAN, JAN WIETZE, NL  
[71] VERTIS B.V., NL  
[85] 2000-06-29  
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[13] A1

[51] **Int.Cl. 6A61K 47/48**  
[25] EN  
[54] **DEGRADABLE HETEROBIFUNCTIONAL POLY(ETHYLENE GLYCOL) ACRYLATES AND GELS AND CONJUGATES DERIVED THEREFROM**  
[54] **ACRYLATES DE POLY(ETHYLENEGLYCOL) HETEROBIFONCTIONNELS DEGRADABLES, ET GELS ET CONJUGUES DERIVES DE CES ACRYLATES**  
[72] ZHAO, XUAN, US  
[72] HARRIS, MILTON J., US  
[71] SHEARWATER POLYMERS, INC., US  
[85] 2000-06-30  
[86] 1999-01-06 (PCT/US99/00594)  
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[30] US (60/070,680) 1998-01-07

[21] **2,316,973**  
[13] A1

[51] **Int.Cl. 6C12N 15/00 6C07K 14/00 6C12N 15/12 6C07K 14/435**  
[25] EN  
[54] **SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM**  
[54] **PROTEINES SECRETEES ET POLYNUCLEOTIDES LES CODANT**  
[72] STEININGER, ROBERT J., II, US  
[72] COLLINS-RACIE, LISA A., US  
[72] LAVALLIE, EDWARD R., US  
[72] EVANS, CHERYL, US  
[72] MERBERG, DAVID, US  
[72] MCCOY, JOHN M., US  
[72] JACOBS, KENNETH, US  
[72] AGOSTINO, MICHAEL J., US  
[72] TREACY, MAURICE, US  
[71] GENETICS INSTITUTE, INC., US  
[85] 2000-06-29  
[86] 1999-01-05 (PCT/US99/00117)  
[87] 1999-07-15 (WO99/35253)  
[30] US (60/070,643) 1998-01-07  
[30] US (09/225,049) 1999-01-04

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[13] A1

[51] **Int.Cl. 6A61K 48/00 6C07H 21/00 6C12N 5/00 6C07H 21/04 6C12N 15/09 6C12N 15/63 6C12N 15/79**  
[25] EN  
[54] **COMPOSITION AND METHOD FOR PREVENTION AND TREATMENT OF CARDIOPULMONARY AND RENAL FAILURE OR DAMAGE ASSOCIATED WITH ISCHEMIA, ENDOTOXIN RELEASE, ARDS OR BROUGHT ABOUT BY ADMINISTRATION OF CERTAIN DRUGS**  
[54] **COMPOSITION ET PROCEDE POUR LA PREVENTION ET LE TRAITEMENT DE L'INSUFFISANCE CARDIO-PULMONAIRE ET RENALE, OU DES LESIONS CONSECUTIVES A L'ISCHEMIE, LA LIBERATION D'ENDOTOXINES, L'EMPHYSEME PULMONAIRE OU A L'ADMINISTRATION DE CERTAINS MEDICAMENTS**  
[72] HILL, JEFFREY L., US  
[72] NYCE, JONATHAN W., US  
[71] EPIGENESIS PHARMACEUTICALS, INC., US  
[85] 2000-06-30  
[86] 1999-06-08 (PCT/US99/12775)  
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[13] A1

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[25] EN  
[54] **NON-IDENTICAL GENES AND THEIR APPLICATION IN IMPROVED MOLECULAR ADJUVANTS**  
[54] **GENES NON IDENTIQUES ET LEUR APPLICATION DANS DES ADJUVANTS MOLECULAIRES AMELIORES**  
[72] COX, VIVIENNE FRANCES, GB  
[72] SMITH, RICHARD ANTHONY GODWIN, GB  
[72] ROWLING, PAMELA JANE ELIZABETH, GB  
[71] ADPROTECH LIMITED, GB  
[85] 2000-06-29  
[86] 1998-12-30 (PCT/GB98/03918)  
[87] 1999-07-15 (WO99/35260)  
[30] GB (9727512.7) 1997-12-31

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[13] A1

[51] **Int.Cl. 6C12N 15/86 6C07K 14/15 6C12N 15/62**  
[25] FR  
[54] **UTILISATION D'UNE SEQUENCE RICHE EN PROLINE POUR AUGMENTER LE CARACTERE FUSOGENIQUE D'ENVELOPPES DE RETROVIRUS**  
[54] **USE OF A PROLINE-RICH SEQUENCE TO IMPROVE THE FUSOGENIC CHARACTER OF RETROVIRAL ENVELOPES**  
[72] LAVILLETTE, DIMITRI, FR  
[72] COSSET, FRANCOIS-LOIC, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[85] 2000-06-30  
[86] 1999-01-07 (PCT/FR99/00016)  
[87] 1999-07-22 (WO99/36561)  
[30] FR (98/00342) 1998-01-15

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[13] A1

[51] **Int.Cl. 7A61K 9/19 7F26B 5/06**  
[25] EN  
[54] **LYOPHILIZATION METHOD FOR SUSTAINED-RELEASE PREPARATION**  
[54] **METHODE DE LYOPHILISATION POUR PREPARATION A LIBERATION ENTRETENEUE**  
[72] SHIMIZU, HISAYOSHI, JP  
[72] NONOMURA, MUNEO, JP  
[72] FUTO, TOMOMICHI, JP  
[72] MUKAI, KEI, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[85] 2000-06-27  
[86] 1999-01-20 (PCT/JP99/00175)  
[87] 1999-07-29 (WO99/37288)  
[30] JP (10/9911) 1998-01-21

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[51] **Int.Cl. 6C12N 15/87 6A61K 39/00 6C12N 1/21 6A61K 31/70 6C12N 15/74 6C12N 15/85**  
[25] EN  
[54] **DELIVERY OF POLYPEPTIDE-ENCODING PLASMID DNA INTO THE CYTOSOL OF MACROPHAGES BY ATTENUATED SUICIDE BACTERIA**  
[54] **INTRODUCTION D'ADN PLASMIDIQUE CODANT POUR UN POLYPEPTIDE DANS LE CYTOSOL DE MACROPHAGES PAR DES BACTERIES SUICIDAIRES ATTENUUEES**  
[72] HESS, JURGEN, DE  
[72] KAUFMANN, STEFAN, DE  
[72] DIETRICH, GUIDO, DE  
[72] GOEBEL, WERNER, DE  
[72] GENTSCHKEV, IVAYLO, DE  
[71] SCHERING AKTIENGESELLSCHAFT, DE  
[85] 2000-06-29  
[86] 1998-12-18 (PCT/EP98/08345)  
[87] 1999-07-08 (WO99/34007)  
[30] US (08/999,391) 1997-12-29

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[13] A1

[51] **Int.Cl. 6A61K 31/335 6C07D 323/06 6C07D 321/10**  
[25] EN  
[54] **C-10 CARBON-SUBSTITUTED ARTEMISININ-LIKE TRIOXANE COMPOUNDS HAVING ANTIMALARIAL, ANTIPROLIFERATIVE AND ANTITUMOUR ACTIVITIES**  
[54] **COMPOSES DE TRIOXANE DU TYPE ARTEMISININE A SUBSTITUTION CARBONE EN C-10 DOUES D'UNE ACTION ANTIPALUDEENNE, ANTIPROLIFERATIVE ET ANTITUMORALE**  
[72] NORTHRUP, JOHN, US  
[72] SHAPIRO, THERESA A., US  
[72] POSNER, GARY H., US  
[72] DAUGHENBAUGH, RANDALL J., US  
[72] ZHENG, QUN Y., US  
[72] ELIAS, JEFFREY S., US  
[72] MURRAY, CHRISTOPHER, US  
[72] PARKER, MICHAEL H., US  
[72] WOO, SOON HYUNG, CA  
[72] PLOYPRADITH, POONSAKDI, US  
[71] HAUSER, INC., US  
[71] JOHN HOPKINS UNIVERSITY, US  
[85] 2000-06-29  
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[30] US (09/001,242) 1997-12-30  
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[13] A1

[51] **Int.Cl. 7A61K 35/78**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION HAVING ANTITUMOR ACTIVITY AND PROCESS FOR THE PREPARATION THEREOF**  
[54] **COMPOSITION PHARMACEUTIQUE A ACTIVITE ANTITUMORALE ET SON PROCEDE DE PREPARATION**  
[72] KIM, SONG-BAE, KR  
[71] KIM, SONG-BAE, KR  
[85] 2000-06-30  
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[30] KR (1998/47025) 1998-11-03  
[30] KR (1998/48277) 1998-11-11

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[13] A1

[51] **Int.Cl. 6A61M 11/00**  
[25] EN  
[54] **METHODS AND APPARATUS FOR DISINFECTING SUBCUTANEOUSLY IMPLANTED DEVICES**  
[54] **PROCEDES ET APPAREILS POUR DESINFECTER DES DISPOSITIFS A IMPLANTATION SOUS-CUTANEE**  
[72] WANG, JOHN H., US  
[72] BURBANK, JEFFREY H., US  
[72] BRUGGER, JAMES M., US  
[72] FINCH, CHARLES D., US  
[71] VASCA, INC., US  
[85] 2000-07-07  
[86] 1999-01-05 (PCT/US99/00202)  
[87] 1999-07-15 (WO99/34852)  
[30] US (09/003,772) 1998-01-07  
[30] US (09/161,044) 1998-09-25

[21] **2,317,525**  
[13] A1

[51] **Int.Cl. 6F16L 33/20**  
[25] EN  
[54] **HOSE FITTING AND DIE FOR PREPARATION**  
[54] **RACCORD POUR TUYAUX ET MATRICE DE PREPARATION**  
[72] JUEDES, MARVIN A., US  
[71] FORMRITE COMPANIES, INC., US  
[85] 2000-07-07  
[86] 1999-01-08 (PCT/US99/00369)  
[87] 1999-07-15 (WO99/35432)  
[30] US (09/004,669) 1998-01-08

[21] **2,317,528**  
[13] A1

[51] **Int.Cl. 6D21D 5/22 6B04B 1/00**  
[25] EN  
[54] **SOLID BOWL CENTRIFUGE FOR MIXTURES, ESPECIALLY FOR FIBROUS MATERIAL SUSPENSIONS USED IN THE PAPER INDUSTRY**  
[54] **CENTRIFUGEUSE A ENVELOPPE PLEINE POUR MELANGES, EN PARTICULIER POUR SUSPENSIONS DE MATIERES FIBREUSES UTILISEES DANS L'INDUSTRIE DU PAPIER**  
[72] HUBER, ALBERT M., DE  
[72] HUBER, WOLFGANG A., DE  
[72] HUBERT, JOACHIM CHR., DE  
[71] HUBER, ALBERT M., DE  
[71] HUBER, WOLFGANG A., DE  
[71] HUBERT, JOACHIM CHR., DE  
[85] 2000-07-07  
[86] 1999-01-11 (PCT/EP99/00114)  
[87] 1999-07-15 (WO99/35331)  
[30] DE (198 00 653.5) 1998-01-08

[21] **2,317,531**  
[13] A1

[51] **Int.Cl. 6H03M 1/48 6G01B 7/30**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONVERTING ANALOG SYNCHRO SIGNALS TO A SIGNAL REPRESENTATIVE OF THE STATUS OF A MECHANICAL OUTPUT COMPONENT**  
[54] **PROCEDE ET APPAREIL POUR CONVERTIR DES SIGNAUX SYNCHRO ANALOGIQUES EN UN SIGNAL REPRESENTANT L'ETAT D'UN COMPOSANT DE PUISSANCE MECANIQUE**  
[72] ASHCRAFT, KENNETH D., US  
[72] SMITH, JOHN R., US  
[72] GOODE, JOSEPH WILLIAM III, US  
[71] ADVANCED DISPLAYS CORPORATION, US  
[85] 2000-07-06  
[86] 1999-01-08 (PCT/US99/00469)  
[87] 1999-07-15 (WO99/35604)  
[30] US (60/072,377) 1998-01-09

[21] **2,317,536**  
[13] A1

[51] **Int.Cl. 6C07C 311/16 6C07D 217/06 6C07D 207/09 6C07D 295/12 6C07D 295/18 6A61K 31/18 6C07D 295/22**  
[25] EN  
[54] **AMINOSULPHONYLBENZAMIDE DERIVATIVES AS MODULATORS OF THE ACTIVITY OF NEURONAL CALCIUM CHANNELS**  
[54] **DERIVES AMINOSULPHONYLBENZAMIDES UTILISES COMME INHIBITEURS DE L'ACTIVITE DES CANAUX CALCIUM NEURONAUX**  
[72] SIMMONDS, ROBIN GEORGE, GB  
[72] MILUTINOVIC, SANDRA GINETTE, GB  
[72] TUPPER, DAVID EDWARD, GB  
[71] ELI LILLY AND COMPANY LIMITED, GB  
[85] 2000-07-06  
[86] 1999-01-13 (PCT/GB99/00099)  
[87] 1999-07-22 (WO99/36398)  
[30] GB (9800750.3) 1998-01-14

[21] **2,317,543**  
[13] A1

[51] **Int.Cl. 6G06F 13/14**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DYNAMIC PRIORITY CONFLICT RESOLUTION IN A MULTI-PROCESSOR COMPUTER SYSTEM HAVING SHARED MEMORY RESOURCES**  
[54] **SYSTEME ET PROCEDE DE RESOLUTION DYNAMIQUE DE CONFLITS DE PRIORITE DANS UN SYSTEME INFORMATIQUE MULTIPROCESSEUR COMPORTANT DES RESSOURCES DE MEMOIRE PARTAGEES**  
[72] HUPPENTHAL, JON M., US  
[71] SRC COMPUTERS, INC., US  
[85] 2000-07-06  
[86] 1999-01-29 (PCT/US99/01843)  
[87] 1999-08-05 (WO99/39274)  
[30] US (09/018,032) 1998-02-03

[21] **2,317,548**  
[13] A1

[51] **Int.Cl. 6A61K 31/41 6A61K 31/075 6A61K 31/165 6A61K 31/235**  
[25] EN  
[54] **METHOD FOR TREATING MULTIPLE SCLEROSIS**  
[54] **METHODE DE TRAITEMENT DE LA SCLEROSE EN PLAQUES**  
[72] TORPHY, THEODORE, US  
[72] CHRISTENSEN, SIEGFRIED B. IV, US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2000-07-06  
[86] 1999-01-06 (PCT/US99/00126)  
[87] 1999-07-15 (WO99/34797)  
[30] US (60/070,676) 1998-01-07

[21] **2,317,552**  
[13] A1

[51] **Int.Cl. 6A23L 1/182 6A21D 2/36**  
[25] EN  
[54] **IMBIBANT GRAINS FOR BAKERY AND OTHER USES**  
[54] **GRAINS S'IMBIBANT FACILEMENT POUR LA BOULANGERIE ET AUTRES EMPLOIS**  
[72] LEWIS, DAVID ADRIAN, AU  
[72] LEWIS, VICTOR MARCUS, AU  
[72] LEWIS, DEBORAH ANN, AU  
[71] BYRON AUSTRALIA PTY LTD, AU  
[85] 2000-07-06  
[86] 1998-12-17 (PCT/AU98/01040)  
[87] 1999-07-29 (WO99/37169)  
[30] AU (PP 1466) 1998-01-21

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[21] **2,317,556**  
[13] A1

[51] **Int.Cl. 6B60K 1/00 6B60K 17/04**  
[25] EN  
[54] **DRIVE MECHANISM FOR A VEHICLE, ESPECIALLY A MULTILANE ELECTROMOBILE**  
[54] **SYSTEME D'ENTRAINEMENT POUR VEHICULE, NOTAMMENT POUR VEHICULE ELECTRIQUE A ECARTEMENT VARIABLE DES ROUES**  
[72] WACHAUER, OSKAR, AT  
[72] WACHAUER, SONJA, AT  
[71] WACHAUER, OSKAR, AT  
[85] 2000-07-06  
[86] 1999-01-11 (PCT/AT99/00006)  
[87] 1999-07-22 (WO99/36286)  
[30] AT (A 59/98) 1998-01-16

[21] **2,317,559**  
[13] A1

[51] **Int.Cl. 6F16K 31/06 6F16K 11/065**  
[25] EN  
[54] **MULTIWAY VALVE**  
[54] **CLAPET MULTIDIRECTIONNEL**  
[72] FONDSE, JAN HENDRIK, NL  
[71] F.L. RIJNBERG, NL  
[71] FONDSE VALVES B.V., NL  
[85] 2000-07-06  
[86] 1999-01-08 (PCT/NL99/00008)  
[87] 1999-07-15 (WO99/35428)  
[30] NL (1007984) 1998-01-08  
[30] NL (1008703) 1998-03-25

[21] **2,317,583**  
[13] A1

[51] **Int.Cl. 7G01R 31/34**  
[25] EN  
[54] **SYSTEM FOR REMOVING SPURIOUS SIGNATURES IN MOTOR CURRENT SIGNATURE ANALYSIS**  
[54] **SYSTEME SERVANT A SUPPRIMER LES PARASITES DANS L'ANALYSE DE LA SIGNATURE DU COURANT D'UN MOTEUR**  
[72] KLIMAN, GERALD BURT, US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2000-07-06  
[86] 1999-09-21 (PCT/US99/21878)  
[87] 2000-05-25 (WO00/29902)  
[30] US (09/192,241) 1998-11-16

[21] **2,317,627**  
[13] A1

[51] **Int.Cl. 7A22C 11/00**  
[25] EN  
[54] **METHOD AND MEANS FOR MAKING AND CONVEYING AN EXTRUDED SAUSAGE STRAND**  
[54] **PROCEDE ET MOYEN POUR FABRIQUER ET ACHEMINER UN CHAPELET DE SAUCISSES EXTRUDE**  
[72] VELDKAMP, BRENT M., US  
[72] HERGOTT, STEVEN P., US  
[72] HOLL, WENDELL J., US  
[72] HAMBLIN, DAVID, US  
[72] CODY DAVID J., US  
[72] NORDBY, DAVID C., US  
[72] SIMPSON, MICHAEL S., US  
[71] TOWNSEND ENGINEERING COMPANY, US  
[85] 2000-06-15  
[86] 1999-10-28 (PCT/US99/25320)  
[87] 2000-05-11 (WO00/25591)  
[30] US (09/182,533) 1998-10-29

[21] **2,317,628**  
[13] A1

[51] **Int.Cl. 6A61M 5/32 6A61M 5/50**  
[25] EN  
[54] **SAFETY SYRINGE**  
[54] **SERINGUE DE SECURITE**  
[72] MALENCEK, ROBERT, US  
[72] BOLZ, EDWIN, US  
[71] MALENCEK, ROBERT, US  
[71] BOLZ, EDWIN, US  
[85] 2000-06-20  
[86] 1998-12-17 (PCT/US98/26810)  
[87] 1999-07-01 (WO99/32177)  
[30] US (08/995,640) 1997-12-22

[21] **2,317,629**  
[13] A1

[51] **Int.Cl. 6H01J 61/02 6H01J 61/33**  
[25] EN  
[54] **TUBE, DEVICE AND METHOD FOR EMITTING ELECTROMAGNETIC RADIATION**  
[54] **TUBE, DISPOSITIF ET PROCEDE EMETTEUR DE RAYONNEMENTS ELECTROMAGNETIQUES**  
[72] LUMPP, CHRISTIAN, FR  
[71] LUMPP, CHRISTIAN, FR  
[85] 2000-07-06  
[86] 1999-01-15 (PCT/FR99/00074)  
[87] 1999-07-22 (WO99/36939)  
[30] FR (98/00382) 1998-01-15

[21] **2,317,630**  
[13] A1

[51] **Int.Cl. 6C08L 91/00 6C08L 93/00 6C08L 95/00 6C08K 5/09 6C08K 5/10 6C08K 5/11 6C08K 3/18 6C08K 3/22**  
[25] EN  
[54] **ZINC OXIDE DISPERSION**  
[54] **DISPERSION D'OXYDE DE ZINC**  
[72] HOOVER, JAMES W., US  
[71] FLOW POLYMERS, INC., US  
[85] 2000-07-06  
[86] 1999-01-08 (PCT/US99/00482)  
[87] 1999-07-22 (WO99/36475)  
[30] US (09/006,265) 1998-01-13

[21] **2,317,631**  
[13] A1

[51] **Int.Cl. 6H04R 25/00**  
[25] EN  
[54] **SONIC EMITTER WITH FOAM STATOR**  
[54] **EMETTEUR SONORE AVEC ELEMENT SUPPORT EN MOUSSE**  
[72] CROFT, JAMES J., III, US  
[72] NORRIS, ELWOOD G., US  
[71] AMERICAN TECHNOLOGY CORPORATION, US  
[85] 2000-07-06  
[86] 1999-01-07 (PCT/US99/00314)  
[87] 1999-07-15 (WO99/35884)  
[30] US (09/004,090) 1998-01-07

[21] **2,317,632**  
[13] A1

[51] **Int.Cl. 6C09J 7/02 6A47G 1/17**  
[25] EN  
[54] **FOLDABLE ADHESIVE HANGING DEVICE**  
[54] **DISPOSITIF DE SUSPENSION ADHESIF ET PLIANT**  
[72] HAMERSKI, MICHAEL D., US  
[72] HEIL, ROBERT H., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-07-06  
[86] 1998-06-16 (PCT/US98/12546)  
[87] 1999-07-29 (WO99/37729)  
[30] US (09/014,058) 1998-01-27



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[13] A1

[51] **Int.Cl. 6G03B 21/60**  
[25] EN  
[54] **REFLECTION TYPE SCREEN FOR PROJECTORS**  
[54] **ECRAN DU TYPE A REFLEXION DESTINE A DES PROJECTEURS**  
[72] OMURA, TETSUJIRO, JP  
[72] TATSUKI, KOJI, JP  
[72] TAKAMOTO, HIDEO, JP  
[71] IZUMI-COSMO CO., LTD., JP  
[71] KIMOTO CO., LTD., JP  
[85] 2000-07-06  
[86] 1999-01-06 (PCT/JP99/00012)  
[87] 1999-07-15 (WO99/35534)  
[30] JP (10-1299) 1998-01-07

[21] **2,317,635**  
[13] A1

[51] **Int.Cl. 7A01D 45/02**  
[25] EN  
[54] **SNAPPING ROLL UNIT FOR MAIZE HEADER**  
[54] **ELEMENT A ROULEAUX DE COUPE POUR BEC CUEILLEUR A MAIS**  
[72] BARANYI, JANOS, HU  
[72] PROZLIK, ISTVAN, HU  
[72] BORSOS, ISTVAN, HU  
[72] KOMLOSI, MIHALY, HU  
[71] MEZOGEPA AUTOIPARI ES GEPGYARTO RESZVENYTARSASAG, HU  
[85] 2000-07-06  
[86] 1999-11-25 (PCT/HU99/00086)  
[87] 2000-06-02 (WO00/30427)  
[30] HU (P 9802723) 1998-11-25  
[30] HU (P 9903132) 1999-09-16

[21] **2,317,636**  
[13] A1

[51] **Int.Cl. 6C02F 11/14 6B01D 21/01 6C02F 1/56**  
[25] EN  
[54] **THICKENING OF AQUEOUS MINERAL SUSPENSIONS**  
[54] **EPAISSISSEMENT DE SUSPENSIONS MINERALES AQUEUSES**  
[72] SEDDERS, PETER ALBERT, GB  
[72] ALLEN, ANTHONY PETER, GB  
[71] CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED, GB  
[85] 2000-07-06  
[86] 1999-01-18 (PCT/GB99/00160)  
[87] 1999-07-29 (WO99/37589)  
[30] GB (9801524.1) 1998-01-23

[21] **2,317,637**  
[13] A1

[51] **Int.Cl. 6H04Q 11/04 6H04L 12/56**  
[25] EN  
[54] **METHOD FOR PROVIDING BANDWIDTH AND DELAY GUARANTEES IN A CROSSBAR SWITCH WITH SPEEDUP**  
[54] **PROCEDE POUR ETABLIR DES GARANTIES DE DELAI ET DE LARGEUR DE BANDE DANS UN COMMUTATEUR CROSSBAR AVEC ACCELERATION**  
[72] CHARNY, ANNA, US  
[72] KRISHNA, PATTABHIRAMAN, US  
[72] PATEL, NAIMISH, US  
[72] SIMCOE, ROBERT J., US  
[71] CABLETRON SYSTEMS, INC., US  
[85] 2000-07-06  
[86] 1999-01-12 (PCT/US99/00607)  
[87] 1999-07-15 (WO99/35879)  
[30] US (09/005,738) 1998-01-12

[21] **2,317,638**  
[13] A1

[51] **Int.Cl. 6D21F 1/80 6B30B 9/24**  
[25] EN  
[54] **METHOD AND DEVICE FOR CONCENTRATING LIQUID-DRENCHED MATERIAL**  
[54] **PROCEDE ET DISPOSITIF POUR CONCENTER UN MATERIAU DOUCHE AVEC DU LIQUIDE**  
[72] HODEN, EBBE, SE  
[71] VALMET FIBERTECH AB, SE  
[85] 2000-07-04  
[86] 1999-01-14 (PCT/SE99/00039)  
[87] 1999-08-05 (WO99/39048)  
[30] SE (9800117-5) 1998-01-19

[21] **2,317,640**  
[13] A1

[51] **Int.Cl. 6A01N 63/00**  
[25] EN  
[54] **DECORATED RED BLOOD CELLS**  
[54] **GLOBULES ROUGES A STRUCTURE MODIFIEE**  
[72] BITENSKY, MARK W., US  
[71] TRUSTEES OF BOSTON UNIVERSITY, US  
[85] 2000-07-04  
[86] 1999-01-06 (PCT/US99/00216)  
[87] 1999-07-15 (WO99/34680)  
[30] US (60/070,577) 1998-01-06

[21] **2,317,641**  
[13] A1

[51] **Int.Cl. 6C08K 3/22 6C08K 7/00 6C08F 2/44**  
[25] EN  
[54] **NANOCOMPOSITE MATERIAL**  
[54] **MATERIAU NANO-COMPOSITE**  
[72] GIELGENS, LEON HUBERTUS, NL  
[72] FISHER, HARTMUT RUDOLF, NL  
[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK, NL  
[85] 2000-07-06  
[86] 1999-01-08 (PCT/NL99/00007)  
[87] 1999-07-15 (WO99/35186)  
[30] NL (1008003) 1998-01-09

[21] **2,317,643**  
[13] A1

[51] **Int.Cl. 6C08K 3/22 6C08K 7/00 6C08F 2/44**  
[25] EN  
[54] **NANOCOMPOSITE MATERIAL**  
[54] **MATERIAU NANO-COMPOSITE**  
[72] FISHER, HARTMUT RUDOLF, NL  
[72] GIELGENS, LEON HUBERTUS, NL  
[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK, NL  
[85] 2000-07-06  
[86] 1999-01-08 (PCT/NL99/00006)  
[87] 1999-07-15 (WO99/35185)  
[30] NL (1008003) 1998-01-09

[21] **2,317,644**  
[13] A1

[51] **Int.Cl. 6A61K 35/78 6A01N 25/00 6A01N 25/34**  
[25] EN  
[54] **ANTI-FUNGAL COMPOSITIONS WITH PROLONGED ACTIVITY**  
[54] **COMPOSITIONS ANTIFONGIQUES A ACTIVITE PROLONGEE**  
[72] FRIEDMAN, DORON, IL  
[72] LEVIN, ORNA, IL  
[72] FRIEDMAN, MICHAEL, IL  
[72] FORMAN, YOCHANAN, IL  
[71] FARMO-NAT LTD., IL  
[85] 2000-07-04  
[86] 1998-12-30 (PCT/US98/27842)  
[87] 1999-07-15 (WO99/34811)  
[30] US (09/002,925) 1998-01-05

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<p style="text-align: right;">[21] <b>2,317,645</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/03</b> [25] EN [54] <b>A SYSTEM, APPARATUS AND METHOD FOR CLOSING SEVERED BONE OR TISSUE OF A PATIENT</b> [54] <b>SYSTEME, APPAREIL ET PROCEDE POUR FERMER UN OS CASSE OU UN TISSU ROMPU D'UN PATIENT</b> [72] MAGOVERN, JAMES A., US [71] CARDIAC ASSIST TECHNOLOGIES, INC., US [85] 2000-07-04 [86] 1999-01-01 (PCT/US99/00002) [87] 1999-07-22 (WO99/35973) [30] US (09/006,914) 1998-01-13</p>	<p style="text-align: right;">[21] <b>2,317,648</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F04B 43/067</b> [25] EN [54] <b>VALVE ASSEMBLY FOR USE WITH HIGH PRESSURE PUMPS</b> [54] <b>ENSEMBLE SOUPAPE DESTINE A ETRE UTILISE AVEC DES POMPES HAUTE PRESSION</b> [72] SEBION, TIMOTHY L., US [72] POWERS, FREDERICK ALLAN, US [71] WANNER ENGINEERING, INC., US [85] 2000-07-04 [86] 1999-01-08 (PCT/US99/00472) [87] 1999-07-15 (WO99/35399) [30] US (09/004,901) 1998-01-09</p>	<p style="text-align: right;">[21] <b>2,317,655</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A45F 3/14 6B60P 7/06 6B62J 7/08 6A45C 13/30</b> [25] EN [54] <b>A STRAP ASSEMBLY</b> [54] <b>ENSEMBLE SANGLE</b> [72] MCCAY, GARY JEFFREY, AU [71] MCCAY HOLDINGS PTY. LTD., AU [85] 2000-07-06 [86] 1999-01-18 (PCT/AU99/00026) [87] 1999-07-22 (WO99/35933) [30] AU (PP 1339) 1998-01-16 [30] AU (PP 3850) 1998-06-01</p>
<p style="text-align: right;">[21] <b>2,317,646</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C10G 45/02 6C10L 3/06</b> [25] EN [54] <b>HYDRODESULFURISATION OF GAS WELL HYDROCARBON LIQUIDS USING HYDROGEN PRODUCED FROM SYNGAS</b> [54] <b>HYDRODESULFURATION DE LIQUIDES HYDROCARBONES DE PUITES DE GAZ PAR L'UTILISATION D'HYDROGENE OBTENU A PARTIR DE GAZ DE SYNTHSE</b> [72] WITTENBRINK, ROBERT JAY, US [72] DEGEORGE, CHARLES WILLIAM, US [71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US [85] 2000-07-04 [86] 1999-01-22 (PCT/US99/01308) [87] 1999-07-29 (WO99/37736) [30] US (09/014,175) 1998-01-27</p>	<p style="text-align: right;">[21] <b>2,317,649</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05B 6/04</b> [25] EN [54] <b>INDUCTION HEATING DEVICE AND PROCESS FOR CONTROLLING TEMPERATURE DISTRIBUTION</b> [54] <b>DISPOSITIF DE CHAUFFAGE PAR INDUCTION ET PROCEDE DE REGULATION DE LA DISTRIBUTION THERMIQUE</b> [72] LAMPI, RUDOLPH K., US [72] MORTIMER, JOHN H., US [72] FISHMAN, OLEG S., US [72] PEYSAKHOVICH, VITALY A., US [71] INDUCTOTHERM CORP., US [85] 2000-07-04 [86] 1999-10-25 (PCT/US99/24980) [87] 2000-05-18 (WO00/28787) [30] US (09/187,562) 1998-11-05</p>	<p style="text-align: right;">[21] <b>2,317,657</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F04D 1/12 6F04D 1/14</b> [25] EN [54] <b>PITOT TUBE INLET INSERT</b> [54] <b>PIECE RAPPORTEE D'ADMISSION DE TUBE DE PITOT</b> [72] SHAW, JAMES G., US [71] ENVIROTECH PUMPSYSTEMS, INC., US [85] 2000-07-06 [86] 1999-01-21 (PCT/US99/01386) [87] 1999-07-29 (WO99/37923) [30] US (09/010,159) 1998-01-21</p>
<p style="text-align: right;">[21] <b>2,317,647</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16K 3/30</b> [25] EN [54] <b>SLIDE VALVE WITH WELDED INTERNALS</b> [54] <b>DISTRIBUTEUR A TIROIR A ELEMENTS INTERNES SOUDES</b> [72] JUNIER, MARIUS ROBERT, US [71] TAPCO INTERNATIONAL, INC., US [85] 2000-07-04 [86] 1999-01-14 (PCT/US99/00825) [87] 1999-07-22 (WO99/36715) [30] US (09/007,666) 1998-01-15</p>	<p style="text-align: right;">[21] <b>2,317,654</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 1/32 6G09C 5/00 6H04N 1/44</b> [25] EN [54] <b>ANTI-COUNTERFEITING METHOD AND APPARATUS USING DIGITAL SCREENING</b> [54] <b>PROCEDE ET APPAREIL DE PROTECTION CONTRE LES CONTREFACONS METTANT EN OEUVRE UN FILTRAGE NUMERIQUE</b> [72] BAROS, LASZLO HU [72] KOLTAI, FERENC, HU [72] ADAM, BENCE, HU [72] TAKACS, FERENC, HU [71] JURA-TRADE KERESKEDELMI KFT., HU [85] 2000-07-06 [86] 1999-01-12 (PCT/HU99/00002) [87] 1999-07-15 (WO99/35819) [30] US (09/005,529) 1998-01-12</p>	<p style="text-align: right;">[21] <b>2,317,658</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C22C 38/18 7C22C 38/00</b> [25] EN [54] <b>BEARING STEEL HAVING SUPERIOR ROLLING CONTACT FATIGUE LIFE</b> [54] <b>ACIER POUR ROULEMENTS PRESENTANT UNE EXCELLENTE RESISTANCE AU ROULEMENT</b> [72] AMANO, KENITI, JP [72] HOSHINO, TOSHIYUKI, JP [72] ATSUMI, TAKUYA, JP [72] YASUMOTO, SATOSHI, JP [72] GOTOH, MASAO, JP [71] KOYO SEIKO CO., LTD., JP [71] KAWASAKI STEEL CORPORATION, JP [85] 2000-07-06 [86] 1999-10-28 (PCT/JP99/05986) [87] 2000-05-18 (WO00/28100) [30] JP (10/318795) 1998-11-10</p>

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[21] **2,317,661**  
[13] A1

[51] **Int.Cl. 6A61B 17/12 6A61M 37/00**  
[25] EN  
[54] **HEMOSTATIC MATERIAL INSERTION DEVICE**  
[54] **DISPOSITIF D'INSERTION D'UN AGENT HEMOSTATIQUE**  
[72] SUZUKI, SHIGEKI, JP  
[71] MEDICAL INDUSTRIES CORP., JP  
[85] 2000-07-06  
[86] 1999-10-12 (PCT/JP99/05604)  
[87] 2000-06-02 (WO00/30553)  
[30] JP (JP10-330451) 1998-11-20

[21] **2,317,677**  
[13] A1

[51] **Int.Cl. 6C07H 21/00 6C07D 239/00 6C07D 473/00 6C07K 14/00 6C07F 9/6561 6C12Q 1/68**  
[25] EN  
[54] **NUCLEOBASE OLIGOMERS**  
[54] **OLIGOMERES NUCLEOBASES**  
[72] FISHER, PETER V., US  
[71] THE PERKIN-ELMER CORPORATION, US  
[85] 2000-07-06  
[86] 1998-12-21 (PCT/US98/27436)  
[87] 1999-07-22 (WO99/36429)  
[30] US (09/008,805) 1998-01-16

[21] **2,317,699**  
[13] A1

[51] **Int.Cl. 6A61K 7/06**  
[25] EN  
[54] **STYLING SHAMPOO COMPOSITIONS**  
[54] **COMPOSITIONS DE SHAMPOOING COIFFANT**  
[72] GUSKEY, SUSAN MARIE, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-07-06  
[86] 1999-02-03 (PCT/US99/02110)  
[87] 1999-08-05 (WO99/38475)  
[30] US (09/017,596) 1998-02-03

[21] **2,317,663**  
[13] A1

[51] **Int.Cl. 7H01J 49/42**  
[25] EN  
[54] **METHOD OF ION FRAGMENTATION IN A QUADRUPOLE ION TRAP**  
[54] **PROCEDE DE FRAGMENTATION IONIQUE DANS UN PIEGE A IONS QUADRUPOLE**  
[72] SCHWARTZ, JAE C., US  
[72] TAYLOR, DENNIS M., US  
[71] FINNIGAN CORPORATION, US  
[85] 2000-07-06  
[86] 1999-10-14 (PCT/US99/24188)  
[87] 2000-04-27 (WO00/24037)  
[30] US (60/104,458) 1998-10-16  
[30] US (09/416,128) 1999-10-12

[21] **2,317,678**  
[13] A1

[51] **Int.Cl. 6G01F 1/84**  
[25] EN  
[54] **SYSTEM FOR VALIDATING CALIBRATION OF A CORIOLIS FLOWMETER**  
[54] **SYSTEME DE VALIDATION D'ETALONNAGE D'UN DEBITMETRE-MASSE A EFFET DE CORIOLIS**  
[72] PATTEN, ANDREW T., US  
[72] STACK, CHARLES PAUL, US  
[71] MICRO MOTION, INC., US  
[85] 2000-07-06  
[86] 1999-01-13 (PCT/US99/00722)  
[87] 1999-08-05 (WO99/39164)  
[30] US (09/015,737) 1998-01-29

[21] **2,317,728**  
[13] A1

[51] **Int.Cl. 6C07D 305/14 6C12P 17/02 6A61K 35/78**  
[25] EN  
[54] **NOVEL CRYSTALLINE COMPLEXES OF BACCATIN III WITH IMIDAZOLE, 2-METHYLIMIDAZOLE OR ISOPROPRANOL**  
[54] **NOUVEAUX COMPLEXES CRISTALLINS DE BACCATINE III AVEC DE L'IMIDAZOLE, DU 2-METHYLIMIDAZOLE OU DE L'ISOPROPRANOL**  
[72] DILLON, JOHN L., JR., US  
[72] VEMISHETTI, PURUSHOTHAM, US  
[72] GIBSON, FRANCIS S., US  
[72] WEI, JIANMEI, US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2000-07-07  
[86] 1999-01-06 (PCT/US99/00245)  
[87] 1999-07-22 (WO99/36413)  
[30] US (60/071,325) 1998-01-14

[21] **2,317,673**  
[13] A1

[51] **Int.Cl. 6C07D 237/18 6A61K 31/50**  
[25] EN  
[54] **NOVEL ALLYLTHIOPYRIDAZINE DERIVATIVES AND PROCESS FOR PREPARING THE SAME**  
[54] **NOUVEAUX DERIVES D'ALLYLTHIOPYRIDAZINE ET LEUR PROCEDE DE PREPARATION**  
[72] CHOI, SUNG-HEE, KR  
[72] SHIN, HEA-SOON, KR  
[72] KWON, SOON KYOUNG, KR  
[72] KIM, SANG-GEON, KR  
[72] PARK, YOUNG-NAM, KR  
[72] KIM, MI-KYUNG, KR  
[71] KWON, SOON KYOUNG, KR  
[71] SEOUL PHARM. CO., LTD., JP  
[85] 2000-07-06  
[86] 1998-12-28 (PCT/KR98/00473)  
[87] 1999-07-22 (WO99/36407)  
[30] KR (1998/1153) 1998-01-16

[21] **2,317,680**  
[13] A1

[51] **Int.Cl. 7A63F 13/12**  
[25] EN  
[54] **ENTERTAINMENT SYSTEM PORTABLE ELECTRONIC DEVICE, METHOD OF OPERATING A PORTABLE ELECTRONIC DEVICE AND RECORDING MEDIUM**  
[54] **DISPOSITIF ELECTRONIQUE PORTATIF POUR SYSTEME DE JEU, MODE DE FONCTIONNEMENT DUDIT DISPOSITIF ELECTRONIQUE ET SUPPORT D'ENREGISTREMENT**  
[72] NAKANO, TAKESHI, JP  
[71] SONY COMPUTER ENTERTAINMENT INC., JP  
[85] 2000-07-06  
[86] 1999-11-05 (PCT/JP99/06165)  
[87] 2000-05-18 (WO00/27493)  
[30] JP (10/316460) 1998-11-06

[21] **2,317,729**  
[13] A1

[51] **Int.Cl. 6B67D 5/00**  
[25] EN  
[54] **INTERMITTENT SPRAY SYSTEM FOR WATER TREATMENT**  
[54] **SYSTEME DE PULVERISATION INTERMITTENTE POUR TRAITEMENT DE L'EAU**  
[72] TELESE, ROCCO, US  
[72] BLANCHETTE, DAVID W., US  
[72] MULLINS, RICHARD M., US  
[72] LEVESQUE, KENNETH JOHN, US  
[71] ARCH CHEMICALS, INC., US  
[85] 2000-07-07  
[86] 1998-12-09 (PCT/US98/26068)  
[87] 1999-07-15 (WO99/35078)  
[30] US (09/004,677) 1998-01-08

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[21] **2,317,730**  
[13] A1

[51] **Int.Cl. 6H01J 65/04 6H05B 41/24**  
[25] EN  
[54] **HIGH FREQUENCY INDUCTIVE LAMP AND POWER OSCILLATOR**  
[54] **LAMPE INDUCTIVE HAUTE FREQUENCE ET OSCILLATEUR DE PUISSANCE**  
[72] TURNER, BRIAN P., US  
[72] KIPLING, KENT, US  
[72] ROY, ROBERT, US  
[72] MACLENNAN, DONALD A., US  
[72] KIRKPATRICK, DOUGLAS A., US  
[72] DOLAN, JAMES T., US  
[72] BASS, GARY K., US  
[72] GITSEVICH, ALEKSANDR, US  
[72] LEVIN, IZRAIL, US  
[72] SMITH, MALCOLM, US  
[72] LENG, YONGZHANG, US  
[72] TRIMBLE, WILLIAM C., US  
[72] SHANKS, BRUCE, US  
[72] TSAI, PETER, US  
[71] FUSION LIGHTING, INC., US  
[85] 2000-07-07  
[86] 1999-01-11 (PCT/US99/00047)  
[87] 1999-07-22 (WO99/36940)  
[30] US (09/006,171) 1998-01-13  
[30] US (60/071,192) 1998-01-13  
[30] US (60/071,284) 1998-01-13  
[30] US (60/071,285) 1998-01-13  
[30] US (60/083,093) 1998-04-13  
[30] US (60/091,920) 1998-07-07  
[30] US (60/099,288) 1998-09-04  
[30] US (60/102,968) 1998-10-02  
[30] US (60/109,591) 1998-11-23

[21] **2,317,731**  
[13] A1

[51] **Int.Cl. 6H04B 1/38 6H04M 1/00**  
[25] EN  
[54] **WIRELESS PRIVATE BRANCH EXCHANGE**  
[54] **AUTOCOMMUTATEUR PRIVE (PBX) SANS FIL**  
[72] LU, PRISCILLA MARILYN, US  
[71] INTERWAVE COMMUNICATIONS, INC., US  
[85] 2000-07-07  
[86] 1999-01-14 (PCT/US99/00845)  
[87] 1999-07-22 (WO99/37036)  
[30] US (60/071,075) 1998-01-15  
[30] US (UNKNOWN) 1999-01-13

[21] **2,317,733**  
[13] A1

[51] **Int.Cl. 6A61K 38/11 6C07H 21/00 6C07K 14/00 6C12N 15/00 6A61K 45/08 6A61K 38/28**  
[25] EN  
[54] **METHOD FOR ADMINISTERING MONOMERIC INSULIN ANALOGS**  
[54] **METHODE D'ADMINISTRATION D'ANALOGUES D'INSULINE MONOMERE**  
[72] DIMARCHI, RICHARD DENNIS, US  
[72] HARRISON, ROGER GARRICK, US  
[72] WOLFF, RONALD KEITH, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-07-07  
[86] 1999-01-07 (PCT/US99/00324)  
[87] 1999-07-15 (WO99/34816)  
[30] US (60/070,752) 1998-01-08

[21] **2,317,735**  
[13] A1

[51] **Int.Cl. 6H01L 41/18**  
[25] EN  
[54] **IMPROVED PIEZOELECTRIC CERAMIC-POLYMER COMPOSITES**  
[54] **MATERIAU PIEZO-ELECTRIQUE ET DISPOSITIFS ASSOCIES**  
[54] **PERFECTIONNES OBTENUS A PARTIR DE CERAMIQUES DISPERSEES DANS DES POLYMERES**  
[72] CUI, CHANGXING, US  
[72] BAUGHMAN, RAY HENRY, US  
[72] DAHLSTROM, DAVID KEITH, US  
[72] IQBAL, ZAFAR, US  
[72] KAZMAR, THEODORE ROBERT, US  
[71] ALLIEDSIGNAL INC., US  
[85] 2000-07-07  
[86] 1999-01-07 (PCT/US99/00283)  
[87] 1999-07-15 (WO99/35670)  
[30] US (09/003,625) 1998-01-07

[21] **2,317,736**  
[13] A1

[51] **Int.Cl. 6C07D 213/02 6A61K 31/44**  
[25] EN  
[54] **BISULFATE SALT OF HIV PROTEASE INHIBITOR**  
[54] **SEL DE BISULFATE DE L'INHIBITEUR DE LA PROTEASE DU VIH**  
[72] LINDRUD, MARK D., US  
[72] SINGH, JANAK, US  
[72] PUDIPEDDI, MADHUSUDHAN, US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2000-07-07  
[86] 1998-12-22 (PCT/US98/27382)  
[87] 1999-07-22 (WO99/36404)  
[30] US (60/071,968) 1998-01-20

[21] **2,317,737**  
[13] A1

[51] **Int.Cl. 6E04H 9/00 6E04B 1/00 6E04B 1/34**  
[25] EN  
[54] **MULTIPLE DOME SINGLE-PANEL EXPLOSION VENT**  
[54] **CLAPET D'EXPLOSION**  
[72] LEONARD, BRENT W., US  
[71] FIKE CORPORATION, US  
[85] 2000-07-07  
[86] 1998-12-28 (PCT/US98/27526)  
[87] 1999-07-22 (WO99/36970)  
[30] US (09/008,667) 1998-01-16

[21] **2,317,739**  
[13] A1

[51] **Int.Cl. 6A61K 38/11 6C07H 21/00 6C12N 15/00 6A61K 45/08 6A61K 38/24**  
[25] EN  
[54] **METHOD FOR ADMINISTERING ASPB28-HUMAN INSULIN**  
[54] **PROCEDE D'ADMINISTRATION D'INSULINE HUMAINE ASPB28**  
[72] DIMARCHI, RICHARD DENNIS, US  
[72] WOLFF, RONALD KEITH, US  
[72] HARRISON, ROGER GARRICK, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-07-07  
[86] 1999-01-07 (PCT/US99/00290)  
[87] 1999-07-15 (WO99/34815)  
[30] US (60/070,752) 1998-01-08

[21] **2,317,740**  
[13] A1

[51] **Int.Cl. 6C07D 295/096 6C07D 217/08 6A61K 31/495 6A61K 31/50 6C07D 215/58**  
[25] EN  
[54] **SULPHONAMIDE DERIVATIVES FOR TREATMENT OF CNS DISORDERS**  
[54] **NOUVEAUX COMPOSES**  
[72] MOSS, STEPHEN FREDERICK, GB  
[72] BROMIDGE, STEVEN MARK, GB  
[71] SMITHKLINE BEECHAM PLC, GB  
[85] 2000-07-07  
[86] 1999-01-13 (PCT/EP99/00262)  
[87] 1999-07-29 (WO99/37623)  
[30] GB (9801392.3) 1998-01-22

## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,317,743</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 31/00</b> [25] EN [54] <b>SENSOR ARRAY-BASED SYSTEM AND METHOD FOR RAPID MATERIALS CHARACTERIZATION</b> [54] <b>SYSTEME UTILISANT UN RESEAU DE DETECTEURS ET PROCEDE ASSOCIE DE CARACTERISATION RAPIDE DE MATERIAUX</b> [72] MANSKY, PAUL, US [72] BENNETT, JAMES, US [71] SYMYX TECHNOLOGIES, INC., US [85] 2000-07-07 [86] 1999-12-10 (PCT/US99/30008) [87] 2000-06-22 (WO00/36410) [30] US (09/210,086) 1998-12-11 [30] US (09/210,428) 1998-12-11 [30] US (09/210,485) 1998-12-11</p>	<p style="text-align: center;">[21] <b>2,317,746</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/16</b> [25] EN [54] <b>MEDICAL IMPLANTS OF STRETCH-CRYSTALLIZABLE ELASTOMERS AND METHODS OF IMPLANTATION</b> [54] <b>PROTHESES MEDICALES EN ELASTOMERES A CRISTALLISATION INDUITE PAR ETIREMENT ET PROCEDES D'IMPLANTATION</b> [72] HUO, PETER P., US [72] LIAU, CHRISTINE J. Y., US [72] ZHOU, STEPHEN Q., US [71] PHARMACIA AND UPJOHN AB, SE [85] 2000-07-07 [86] 1999-02-12 (PCT/US99/03090) [87] 1999-08-19 (WO99/40877) [30] US (09/023,391) 1998-02-13</p>	<p style="text-align: center;">[21] <b>2,317,748</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/54</b> [25] EN [54] <b>USE OF ANTIMICROBIAL AGENT SUCH AS TAUROLIDINE OR TAUROLTAM IN THE MANUFACTURE OF A MEDICAMENT TO TREAT A NOSOCOMIAL MICROBIAL INFECTION</b> [54] <b>UTILISATION D'UN AGENT ANTIMICROBIEN TEL QUE LA TAUROLIDINE OU LE TAUROLTAM POUR LA FABRICATION D'UN MEDICAMENT CONTRE UNE INFECTION MICROBIENNE D'ORIGINE NOSOCOMIALE</b> [72] PFIRRMANN, ROLF, CH [71] ED GEISTLICH SOHNE AG FUR CHEMISCHE INDUSTRIE, CH [85] 2000-07-07 [86] 1999-01-06 (PCT/GB99/00028) [87] 1999-07-15 (WO99/34805) [30] US (09/004,063) 1998-01-08</p>
<p style="text-align: center;">[21] <b>2,317,744</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/715 6A61K 31/72 6A61K 31/725</b> [25] EN [54] <b>CELLULOSE DERIVATIVES AND COLORECTAL CANCER RISK REDUCTION</b> [54] <b>DERIVES CELLULOSIQUES POUVANT REDUIRE LES RISQUES DE CANCER COLORECTAL</b> [72] MANDEL, KENNETH G., US [72] DAGGY, BRUCE PAUL, US [71] SMITHKLINE BEECHAM CORPORATION, US [85] 2000-07-07 [86] 1999-01-21 (PCT/US99/01377) [87] 1999-07-29 (WO99/37311) [30] US (60/072,370) 1998-01-23</p>	<p style="text-align: center;">[21] <b>2,317,747</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08G 69/44</b> [25] EN [54] <b>BIODEGRADABLE POLYESTER AMIDES WITH BLOCK-SHAPED POLYESTER AND POLYAMIDE SEGMENTS</b> [54] <b>POLYESTERAMIDES BIODEGRADABLES A SEGMENTS POLYESTERS ET POLYAMIDES EN BLOCS</b> [72] VOIGT, MICHAEL, DE [72] SCHULZ-SCHLITTE, WOLFGANG, DE [72] TIMMERMANN, RALF, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2000-07-07 [86] 1998-12-29 (PCT/EP98/08489) [87] 1999-07-15 (WO99/35179) [30] DE (198 00 698.5) 1998-01-10</p>	<p style="text-align: center;">[21] <b>2,317,750</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21C 7/06</b> [25] EN [54] <b>FEEDING SYSTEM IN CONNECTION WITH THE CONTINUOUS COOKING OF CELLULOSE CONTAINING MATERIAL</b> [54] <b>SYSTEME D'ALIMENTATION EN RELATION AVEC LA CUISSON EN CONTINU DE MATERIAU CONTENANT DE LA CELLULOSE</b> [72] NYSTROM, PER, SE [72] SNEKKENES, VIDAR, SE [72] SVANEGARD, BO, SE [72] GUSTAVSSON, LENNART, SE [71] KVAERNER PULPING AB, SE [85] 2000-07-07 [86] 1999-02-09 (PCT/SE99/00162) [87] 1999-08-26 (WO99/42653) [30] SE (9800476-5) 1998-02-18</p>

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[21] **2,317,751**  
[13] A1

[51] **Int.Cl. 6H04B 1/707**  
[25] EN  
[54] **METHOD AND APPARATUS FOR INCREASING SPECTRAL EFFICIENCY OF CDMA SYSTEMS USING DIRECT SEQUENCE SPREAD SPECTRUM SIGNALS**  
[54] **PROCEDE ET DISPOSITIF POUR AMELIORER L'EFFICACITE SPECTRALE DES SYSTEMES A ACCES MULTIPLE PAR CODE DE REPARTITION (AMCR), VIA DES SIGNAUX A ETALEMENT DE SPECTRE EN SEQUENCE DIRECTE**  
[72] MESHKOVSKY, KONSTANTIN A., RU  
[72] MILLER, FRANKLIN S., RU  
[72] SOKOLOV, ALEXANDER G., RU  
[72] ARKHIPKIN, VLADIMIR J., RU  
[71] BSD BROADBAND N.V., RU  
[85] 2000-07-07  
[86] 1999-01-06 (PCT/US99/00140)  
[87] 1999-07-15 (WO99/35762)  
[30] US (09/004,799) 1998-01-09

[21] **2,317,752**  
[13] A1

[51] **Int.Cl. 6A47G 21/02 6A47G 21/14 6A47J 43/28**  
[25] EN  
[54] **FLATWARE FOR SPAGHETTI POUR SPAGHETTIS**  
[54] **ENSEMBLE DE COUTELLERIE POUR SPAGHETTIS**  
[72] VANDAMME, PAUL, BE  
[71] TWISTELLO N.V., AN  
[85] 2000-07-07  
[86] 1999-01-05 (PCT/BE99/00001)  
[87] 1999-07-15 (WO99/34715)  
[30] BE (9800018) 1998-01-09  
[30] BE (9800085) 1998-02-04

[21] **2,317,754**  
[13] A1

[51] **Int.Cl. 6C11D 17/00 6C11D 1/14 6C11D 3/20 6C11D 1/29 6C11D 1/37**  
[25] EN  
[54] **MICROEMULSION CLEANING COMPOSITIONS**  
[54] **COMPOSITIONS DE NETTOYAGE A MICROEMULSION**  
[72] DRAPIER, JULIEN, BE  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2000-07-07  
[86] 1999-01-06 (PCT/US99/00219)  
[87] 1999-07-15 (WO99/35237)  
[30] US (09/004,197) 1998-01-08

[21] **2,317,755**  
[13] A1

[51] **Int.Cl. 6C11D 17/00 6C11D 1/14 6C11D 3/18 6C11D 3/30 6C11D 3/50 6C11D 1/74 6C11D 1/83**  
[25] EN  
[54] **MICROEMULSION ALL PURPOSE LIQUID CLEANING COMPOSITIONS**  
[54] **COMPOSITIONS DE NETTOYAGE LIQUIDES POLYVALENTES A MICROEMULSION**  
[72] MERTENS, BAUDOUIN, BE  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2000-07-07  
[86] 1999-01-06 (PCT/US99/00229)  
[87] 1999-07-15 (WO99/35238)  
[30] US (09/005,424) 1998-01-09

[21] **2,317,756**  
[13] A1

[51] **Int.Cl. 6A61M 1/34 6A61M 1/00**  
[25] EN  
[54] **METHOD, BAG AND DISPOSABLE SET FOR RECIRCULATION WASHING OF BLOOD CELLS**  
[54] **PROCEDE, SAC ET ENSEMBLE JETABLE POUR LE LAVAGE DE CELLULES SANGUINES PAR RECIRCULATION**  
[72] JOHNSON, CRAIG L., US  
[71] NEXELL THERAPEUTICS INC., US  
[85] 2000-07-07  
[86] 1999-01-07 (PCT/US99/00535)  
[87] 1999-07-15 (WO99/34848)  
[30] US (09/004,344) 1998-01-08

[21] **2,317,757**  
[13] A1

[51] **Int.Cl. 6A61L 27/00 6G02B 1/04**  
[25] EN  
[54] **BICOMPOSITE INTRAOCULAR LENS AND METHOD FOR ITS PREPARATION**  
[54] **LENTILLE INTRAOCULAIRE BICOMPOSITE ET SON PROCEDE DE PREPARATION**  
[72] SHEETS, JOHN W., JR., US  
[72] LEBOEUF, ALBERT R., US  
[72] PATEL, ANILBHAI S., US  
[72] KARAKELLE, MUTLU, US  
[72] VAN NOY, STEPHEN J., US  
[71] ALCON LABORATORIES, INC., US  
[85] 2000-07-07  
[86] 1999-04-01 (PCT/US99/07366)  
[87] 1999-10-21 (WO99/52571)  
[30] US (60/081,843) 1998-04-15

[21] **2,317,758**  
[13] A1

[51] **Int.Cl. 6H04N 5/445**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR PROVIDING TELEVISION RELATED SERVICES VIA A NETWORKED PERSONAL COMPUTER**  
[54] **PROCEDES ET SYSTEMES DESTINES A FOURNIR DES SERVICES ASSOCIES A LA TELEVISION A UN ORDINATEUR PERSONNEL**  
[54] **CONNECTE A UN RESEAU**  
[72] SUNKAVALLI, SREEKRISHNA V., US  
[72] CUTLER, TODD D., US  
[72] MCCAFFERTY, MICHAEL A., US  
[72] SCHULTHEISS, CHRISTOPHER JOHN, US  
[71] BROWN, DOUGLAS G., US  
[71] SCHULTHEISS, CHRISTOPHER JOHN, US  
[85] 2000-07-07  
[86] 1999-01-08 (PCT/US99/00461)  
[87] 1999-07-15 (WO99/35831)  
[30] US (09/005269) 1998-01-09

[21] **2,317,763**  
[13] A1

[51] **Int.Cl. 7A61C 9/00 7A61K 6/087 7A61K 6/10**  
[25] EN  
[54] **CUSTOM FITTING VARIABLE DIMENSION DENTAL IMPRESSION TRAY, PRODUCT AND METHOD**  
[54] **PROCEDE, PRODUIT ET PORTEE-EMPREINTE DENTAIRE DE DIMENSION VARIABLE, A AJUSTEMENT PERSONNALISE**  
[72] WEBER, FREDRIC J., US  
[72] LICHKUS, ANDREW M., US  
[72] ZENTZ, RONALD L., US  
[71] DENTSPLY INTERNATIONAL INC., US  
[85] 2000-07-05  
[86] 1999-08-11 (PCT/US99/17942)  
[87] 2000-02-24 (WO00/09032)  
[30] US (60/096,579) 1998-08-14  
[30] US (09/356,277) 1999-07-16

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<p>[21] <b>2,317,764</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G08B 5/36 6G01S 1/68</b> [25] EN [54] <b>IMPROVEMENTS IN AND RELATING TO EMITTERS</b> [54] <b>AMELIORATIONS APPORTEES AUX EMETTEURS</b> [72] MARSHALL, ANTHONY DAVID, GB [71] SEA MARSHALL RESCUE SYSTEMS, LTD., US [85] 2000-07-05 [86] 1999-01-04 (PCT/US99/00021) [87] 1999-07-15 (WO99/35625) [30] GB (9800133.2) 1998-01-06 [30] GB (9805856.3) 1998-03-20</p>	<p>[21] <b>2,317,770</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63C 9/08</b> [25] EN [54] <b>METHOD AND APPARATUS FOR INDICATING WHEN A SNOWBOARD BINDING IS LOCKED</b> [54] <b>PROCEDE ET APPAREIL INDIQUANT QUAND UNE FIXATION DE PLANCHE A NEIGE EST VERROUILLEE</b> [72] LAUGHLIN, JAMES, US [71] THE BURTON CORPORATION, US [85] 2000-07-05 [86] 1998-11-18 (PCT/US98/24647) [87] 1999-07-15 (WO99/34885) [30] US (09/003,457) 1998-01-06</p>	<p>[21] <b>2,317,774</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07F 5/02 6C08F 10/00 6C07F 5/06 6C08F 4/76</b> [25] EN [54] <b>CATALYST ACTIVATORS COMPRISING EXPANDED ANIONS</b> [54] <b>ACTIVATEURS DE CATALYSEURS COMPRENANT DES ANIONS AYANT SUBI UNE EXPANSION</b> [72] LAPOINTE, ROBERT E., US [71] THE DOW CHEMICAL COMPANY, US [85] 2000-07-05 [86] 1999-02-17 (PCT/US99/03413) [87] 1999-08-26 (WO99/42467) [30] US (60/075,329) 1998-02-20</p>
<p>[21] <b>2,317,765</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 9/34 6G06F 13/16 6G06F 13/40 6G06F 9/44</b> [25] EN [54] <b>A MICROCONTROLLER INCLUDING A SINGLE MEMORY MODULE HAVING A DATA MEMORY SECTOR AND A CODE MEMORY SECTOR AND SUPPORTING SIMULTANEOUS READ/WRITE ACCESS TO BOTH SECTORS</b> [54] <b>MICROCONTROLEUR COMPRENANT UN SEUL MODULE DE MEMOIRE POSSEDANT UN SECTEUR DE MEMOIRE DE DONNEES ET UN SECTEUR DE MEMOIRE DE CODES ET PERMETTANT L'ACCES SIMULTANE EN LECTURE ET EN ECRITURE AUX DEUX SECTEURS</b> [72] MOK, TSUNG D., US [72] CURRY, DUNCAN, US [72] YU, ARTHUR Y., US [71] ATMEL CORPORATION, US [85] 2000-07-05 [86] 1999-03-02 (PCT/US99/04559) [87] 1999-11-04 (WO99/56205) [30] US (09/069,884) 1998-04-29</p>	<p>[21] <b>2,317,771</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 3/00 6H04M 3/42</b> [25] EN [54] <b>INTELLIGENT NETWORK</b> [54] <b>RESEAU INTELLIGENT</b> [72] RIETKERK, PAUL, NL [72] VLEER, LAURENTIUS JOSEPHUS MARIA, NL [72] ADRIAANSE, JOOST, NL [72] VAN BARNEVELD, HARRY, NL [71] KONINKLIJKE KPN N.V., NL [85] 2000-07-05 [86] 1999-01-05 (PCT/EP99/00152) [87] 1999-07-15 (WO99/35859) [30] NL (1007969) 1998-01-07</p>	<p>[21] <b>2,317,776</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 65/00 6A01N 43/04 6A23C 1/10 6A23K 1/10</b> [25] EN [54] <b>ACID AND SOLVENT MODIFICATION OF PSYLLIUM</b> [54] <b>MODIFICATION DE PSYLLIUM PAR ACIDE ET PAR SOLVANT</b> [72] YU, LIANGLI, US [71] KELLOGG COMPANY, US [85] 2000-07-05 [86] 1999-06-04 (PCT/US99/12593) [87] 1999-12-09 (WO99/62342) [30] US (60/088,317) 1998-06-05</p>
<p>[21] <b>2,317,773</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09J 4/00 6C08F 265/06 6C09J 4/06 6C08F 220/18 6C08F 220/28</b> [25] EN [54] <b>NON-WHITENING EMULSION PRESSURE SENSITIVE ADHESIVES</b> [54] <b>ADHESIFS AUTOCOLLANTS A BASE D'EMULSION NON BLANCHISSANTE</b> [72] YANG, JIE, US [72] LU, YING-YUH, US [72] KROPP, JAMES E., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2000-07-05 [86] 1998-06-08 (PCT/US98/11324) [87] 1999-07-29 (WO99/37728) [30] US (09/013,741) 1998-01-27</p>	<p>[21] <b>2,317,777</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 37/00</b> [25] EN [54] <b>SONOPHORETIC ENHANCED TRANSDERMAL TRANSPORT</b> [54] <b>TRANSPORT TRANSDERMIQUE PAR SONOPHORESE AMELIORE</b> [72] MITRAGOTRI, SAMIR S., US [72] LANGER, ROBERT S., US [72] KOST, JOSEPH, US [71] SONTRA MEDICAL, INC., US [71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US [85] 2000-07-05 [86] 1999-01-08 (PCT/US99/00437) [87] 1999-07-15 (WO99/34857) [30] US (60/070813) 1998-01-08</p>	

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[21] **2,317,808**  
[13] A1

[51] **Int.Cl. 7G01N 33/53 7A61K 38/02 7C12N 15/11 7C07K 16/28 7A61K 39/395 7C07K 14/435 7C12N 15/63 7C12N 15/66 7C12N 15/85 7C12N 15/86**

[25] EN  
[54] **VARIABLE HEAVY CHAIN AND VARIABLE LIGHT CHAIN REGIONS OF ANTIBODIES TO HUMAN PLATELET GLYCOPROTEIN IB ALPHA**  
[54] **REGIONS VARIABLES DE CHAINE LOURDE ET DE CHAINE LEGERE D'ANTICORPS DIRIGES CONTRE LA GLYCOPROTEINE PLAQUETTAIRE HUMAINE IB ALPHA**

[72] MILLER, JONATHAN L., US  
[71] MILLER, JONATHAN L., US  
[85] 2000-06-30  
[86] 1999-10-29 (PCT/US99/25495)  
[87] 2000-05-11 (WO00/26667)  
[30] US (60/106,275) 1998-10-30

[21] **2,317,809**  
[13] A1

[51] **Int.Cl. 6A01K 67/027 6A61K 45/00 6C12N 15/12 6G01N 33/15**

[25] EN  
[54] **GENE MUTANT ANIMALS**  
[54] **ANIMAUX PRESENTANT UNE MUTATION GENIQUE**

[72] TAKEDA, MASATOSHI, JP  
[72] TAKEDA, JUNJI, JP  
[71] DAIICHI PHARMACEUTICAL CO., LTD., JP  
[85] 2000-07-07  
[86] 1999-01-07 (PCT/JP99/00015)  
[87] 1999-07-15 (WO99/34670)  
[30] JP (10-2191) 1998-01-08

[21] **2,317,810**  
[13] A1

[51] **Int.Cl. 6C12N 15/19 6A61K 38/19 6C07K 16/24 6A61K 39/395 6C07K 14/52 6G01N 33/53 6C12Q 1/68**

[25] EN  
[54] **HUMAN CHEMOKINE AND ITS USE FOR DETECTION AND TREATMENT OF BREAST DISEASE**  
[54] **CHEMOKINE HUMAINE ET SON UTILISATION DANS LE TRAITEMENT D'UNE PATHOLOGIE MAMMAIRE**

[72] DYSTER, LYN M., US  
[72] FRUSTACI, JANA M., US  
[72] PAPSIDERO, LAWRENCE D., US  
[71] CODON DIAGNOSTICS, LLC, US  
[85] 2000-07-11  
[86] 1999-01-12 (PCT/US99/00651)  
[87] 1999-07-22 (WO99/36540)  
[30] US (60/071,899) 1998-01-20  
[30] US (60/092,155) 1998-07-09

[21] **2,317,811**  
[13] A1

[51] **Int.Cl. 6A61K 31/425**

[25] EN  
[54] **TREATMENT OF DYSKINESIAS**  
[54] **TRAITEMENT DE LA DYSKINESIE**

[72] MELAMED, ELDAD, IL  
[72] DJALDETTI, RUTH, IL  
[72] ZIV, ILAN, IL  
[71] MOR-RESEARCH APPLICATIONS LTD., IL  
[85] 2000-07-06  
[86] 1999-01-05 (PCT/IL99/00003)  
[87] 1999-07-15 (WO99/34785)  
[30] IL (122883) 1998-01-09  
[30] IL (127102) 1998-11-17

[21] **2,317,812**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 38/18 6C07K 16/22 6C07K 14/475 6C12Q 1/68**

[25] EN  
[54] **HUMAN GROWTH FACTOR HOMOLOGS**  
[54] **HOMOLOGUES DE FACTEURS DE CROISSANCE HUMAINS**

[72] TANG, Y. TOM, US  
[72] LAL, PREETI, US  
[72] HILLMAN, JENNIFER L., US  
[72] CORLEY, NEIL C., US  
[72] GUEGLER, KARL J., US  
[72] BAUGHN, MARIAH R., US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2000-07-05  
[86] 1999-01-12 (PCT/US99/00654)  
[87] 1999-07-05 (WO99/38976)  
[30] US (09/015,412) 1998-01-29

[21] **2,317,813**  
[13] A1

[51] **Int.Cl. 6A61K 35/54**

[25] EN  
[54] **COMPOSITION AND METHOD FOR TREATMENT AND PREVENTION OF ARTHRITIS AND/OR AUTOIMMUNE DISEASES**  
[54] **COMPOSITION ET METHODE DE TRAITEMENT ET DE PREVENTION DE L'ARTHRITE ET/OU DE MALADIES AUTO-IMMUNES**

[72] FITZPATRICK-MCELLIGOTT, SANDRA G., US  
[72] ADALSTEINSSON, ORN, US  
[72] DALEY, MICHAEL J., US  
[72] GREENBLATT, HELLEN CHAYA, US  
[71] DCV, INC., US  
[85] 2000-07-07  
[86] 1999-01-14 (PCT/US99/00749)  
[87] 1999-07-22 (WO99/36077)  
[30] US (09/008,728) 1998-01-19

[21] **2,317,814**  
[13] A1

[51] **Int.Cl. 6C12N 15/54 6A61K 39/00 6C12N 15/11 6C12N 9/12 6C07K 16/40 6A61K 38/45 6G01N 33/68 6C12Q 1/68**

[25] EN  
[54] **HUMAN PROTEIN KINASE MOLECULES**  
[54] **MOLECULES DE PROTEINE KINASE HUMAINES**

[72] AKERBLUM, INGRID E., US  
[72] GUEGLER, KARL J., US  
[72] CORLEY, NEIL C., US  
[72] SHAH, PURVI, US  
[72] HILLMAN, JENNIFER L., US  
[72] BANDMAN, OLGA, US  
[72] LAL, PREETI, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2000-07-06  
[86] 1999-01-12 (PCT/US99/00661)  
[87] 1999-08-05 (WO99/38981)  
[30] US (09/016,000) 1998-01-30



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[21] **2,317,815**  
[13] A1

[51] **Int.Cl. 6C12N 15/31 6A61K 39/095 6C07K 16/12 6C07K 14/22 6G01N 33/53 6C12Q 1/68**  
[25] EN  
[54] **NEISSERIA MENINGITIDIS ANTIGENS**  
[54] **ANTIGENES DU \$I(NEISSERIA MENINGITIDIS)**  
[72] PIZZA, MARIAGRAZIA, IT  
[72] SCARLATO, VINCENZO, IT  
[72] MASIGNANI, VEGA, IT  
[72] RAPPUOLI, RINO, IT  
[72] GRANDI, GUIDO, IT  
[71] CHIRON S.P.A., IT  
[85] 2000-07-06  
[86] 1999-01-14 (PCT/IB99/00103)  
[87] 1999-07-22 (WO99/36544)  
[30] GB (9800760.2) 1998-01-14  
[30] GB (9819015.0) 1998-09-01  
[30] GB (9822143.5) 1998-10-09

[21] **2,317,816**  
[13] A1

[51] **Int.Cl. 6C12Q 1/04 6C12N 15/11**  
[25] EN  
[54] **PEPTIDE DETECTION METHOD**  
[54] **PROCEDE DE DETECTION DE PEPTIDES**  
[72] WATT, PAUL M., AU  
[72] KEES, URSULA R., AU  
[71] TVW TELETHON INSTITUTE FOR CHILD HEALTH RESEARCH, AU  
[85] 2000-07-06  
[86] 1999-01-08 (PCT/AU99/00018)  
[87] 1999-07-15 (WO99/35282)  
[30] US (60/070,989) 1998-01-09

[21] **2,317,817**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6C12N 1/19 6C12N 1/21 6C07K 16/28 6G01N 33/68 6C07K 14/715**  
[25] EN  
[54] **IL-17RH DNA AND POLYPEPTIDES**  
[54] **ADN CODANT IL-17RH ET POLYPEPTIDES IL-17RH**  
[72] SPRIGGS, MELANIE, US  
[71] IMMUNEX CORPORATION, US  
[85] 2000-07-04  
[86] 1999-01-08 (PCT/US99/00515)  
[87] 1999-07-15 (WO99/35263)  
[30] US (60/071,073) 1998-01-09

[21] **2,317,834**  
[13] A1

[51] **Int.Cl. 6C07D 401/04 6A61K 31/445**  
[25] EN  
[54] **SUBSTITUTED 2-(2,6-DIOXO-3-FLUOROPIPERIDIN-3-YL)-ISOINDOLINES AND THEIR USE TO REDUCE TNF.ALPHA. LEVELS**  
[54] **2-(2,6-DIOXO-3-FLUOROPIPERIDINE-3-YL)-ISOINDOLINES SUBSTITUEES ET LEUR UTILISATION POUR REDUIRE LES TAUX DE TNF-.ALPHA.**  
[72] MULLER, GEORGE W., US  
[72] STIRLING, DAVID I., US  
[72] CHEN, ROGER SHEN-CHU, US  
[72] MAN, HON-WAH, US  
[71] CELGENE CORPORATION, US  
[85] 2000-05-19  
[86] 1998-11-17 (PCT/US98/24453)  
[87] 1999-09-16 (WO99/46258)  
[30] US (09/042,274) 1998-03-13

[21] **2,317,836**  
[13] A1

[51] **Int.Cl. 6C07K 14/805 6C07C 233/81**  
[25] EN  
[54] **BIS-TETRAMERIC HEMOGLOBIN AND REAGENTS FOR ITS PRODUCTION**  
[54] **HEMOGLOBINE BIS-TETRAMERE ET REACTIFS DESTINES A SA PRODUCTION**  
[72] KLUGER, RONALD H., CA  
[72] LOCK-O'BRIEN, JODI J. L., CA  
[71] KLUGER, RONALD H., CA  
[71] LOCK-O'BRIEN, JODI J. L., CA  
[85] 2000-07-06  
[86] 1998-01-13 (PCT/CA98/00006)  
[87] 1998-07-23 (WO98/31708)  
[30] US (08/783,084) 1997-01-15

[21] **2,317,838**  
[13] A1

[51] **Int.Cl. 6C12N 15/57 6C12P 21/06 6C07K 16/40 6G01N 27/447 6C12N 9/64 6C12Q 1/68**  
[25] EN  
[54] **TESTIS-SPECIFIC HUMAN SVPH1-8 PROTEINASE**  
[54] **SVPH1-8 PROTEINASE HUMAINE SPECIFIQUE AUX TESTICULES**  
[72] CERRETTI, DOUGLAS PAT, US  
[71] IMMUNEX CORPORATION, US  
[85] 2000-07-10  
[86] 1999-01-12 (PCT/US99/00603)  
[87] 1999-07-22 (WO99/36549)  
[30] US (60/071,505) 1998-01-14

[21] **2,317,839**  
[13] A1

[51] **Int.Cl. 6C12N 15/11 6C07H 21/04 6A61K 31/70 6C12N 15/86**  
[25] EN  
[54] **INHIBITION OF CYTOKINE PRODUCTION**  
[54] **INHIBITION DE LA PRODUCTION DE CYTOKINE**  
[72] EAGLES, PETER ANTHONY MINTER, GB  
[72] ZHENG, RICHARD QIHAO, GB  
[71] BTG INTERNATIONAL LIMITED, GB  
[85] 2000-07-07  
[86] 1999-01-20 (PCT/GB99/00179)  
[87] 1999-07-29 (WO99/37760)  
[30] GB (9801391.5) 1998-01-22  
[30] GB (9824794.3) 1998-11-11

[21] **2,317,914**  
[13] A1

[51] **Int.Cl. 6F16C 33/46**  
[25] EN  
[54] **IMPROVEMENTS IN CAGES FOR SPLIT ROLLER BEARINGS**  
[54] **CAGES AMELIOREES POUR ROULEMENTS A ROULEAUX EN DEUX PIECES**  
[72] EARTHROWL, BRIAN EDWARD, GB  
[71] COOPER ROLLER BEARINGS COMPANY LIMITED, GB  
[85] 2000-07-06  
[86] 1999-01-15 (PCT/GB99/00138)  
[87] 1999-07-22 (WO99/36706)  
[30] GB (9800978.0) 1998-01-16  
[30] GB (9819907.8) 1998-09-11

[21] **2,317,944**  
[13] A1

[51] **Int.Cl. 6A61K 7/13**  
[25] FR  
[54] **COMPOSITION DE TEINTURE D'OXYDATION DES FIBRES KERATINIQUES CONTENANT UNE LACCASE ET PROCEDE DE TEINTURE METTANT EN OEUVRE CETTE COMPOSITION**  
[54] **MIXTURE FOR THE OXIDATION TINTING OF KERATIN FIBRES CONTAINING A LACCASE AND TINTING METHOD USING SAID MIXTURE**  
[72] COTTERET, JEAN, FR  
[72] LANG, GERARD, FR  
[71] L'OREAL, FR  
[85] 2000-06-29  
[86] 1999-01-12 (PCT/FR99/00037)  
[87] 1999-07-22 (WO99/36044)  
[30] FR (98/00252) 1998-01-13

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<p style="text-align: right;">[21] <b>2,317,945</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/13</b> [25] FR [54] <b>COMPOSITION DE TEINTURE D'OXYDATION DE FIBRES KERATINIQUES CONTENANT UNE LACCASE ET PROCEDE DE TEINTURE METTANT EN OEUVRE CETTE COMPOSITION</b> [54] <b>MIXTURE FOR THE OXIDATION TINTING OF KERATIN FIBRES CONTAINING A LACCASE AND TINTING METHOD USING SAID MIXTURE</b> [72] LANG, GERARD, FR [72] COTTERET, JEAN, FR [71] L'OREAL, FR [85] 2000-06-29 [86] 1999-01-12 (PCT/FR99/00038) [87] 1999-07-22 (WO99/36045) [30] FR (98/00249) 1998-01-13</p>	<p style="text-align: right;">[21] <b>2,317,948</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/13</b> [25] FR [54] <b>COMPOSITION DE TEINTURE D'OXYDATION DES FIBRES KERATINIQUES CONTENANT UNE LACCASE ET PROCEDE DE TEINTURE METTANT EN OEUVRE CETTE COMPOSITION</b> [54] <b>MIXTURE FOR THE OXIDATION TINTING OF KERATIN FIBRES CONTAINING A LACCASE AND TINTING METHOD USING SAID MIXTURE</b> [72] LANG, GERARD, FR [72] COTTERET, JEAN, FR [71] L'OREAL, FR [85] 2000-06-29 [86] 1999-01-12 (PCT/FR99/00036) [87] 1999-07-22 (WO99/36043) [30] FR (98/00251) 1998-01-13</p>	<p style="text-align: right;">[21] <b>2,317,950</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 9/45</b> [25] FR [54] <b>PROCEDE DE COMPACTAGE D'UN PROGRAMME DE TYPE CODE OBJET INTERMEDIAIRE EXECUTABLE DANS UN SYSTEME EMBARQUE MUNI DE RESSOURCES DE TRAITEMENT DE DONNEES, SYSTEME COMPACTEUR ET SYSTEME EMBARQUE MULTI-APPLICATIONS CORRESPONDANTS</b> [54] <b>DATA COMPACTION METHOD FOR AN INTERMEDIATE OBJECT CODE PROGRAMME EXECUTABLE IN AN ONBOARD SYSTEM PROVIDED WITH DATA PROCESSING RESOURCES AND CORRESPONDING ONBOARD SYSTEM WITH MULTIPLE APPLICATIONS</b> [72] GOIRE, CHRISTIAN, FR [72] SCHULTZ, ULRIG PAGH, FR [72] CONSEL, CHARLES, FR [72] CLAUSEN, LARS, US [72] MULLER, GILLES, FR [71] BULL CP8, FR [71] INRIA INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE, FR [85] 2000-07-05 [86] 1999-11-04 (PCT/FR99/02696) [87] 2000-05-18 (WO00/28416) [30] FR (98/14012) 1998-11-06</p>
<p style="text-align: right;">[21] <b>2,317,947</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/13</b> [25] FR [54] <b>COMPOSITION DE TEINTURE D'OXYDATION DES FIBRES KERATINIQUES CONTENANT UNE LACCASE ET PROCEDE DE TEINTURE METTANT EN OEUVRE CETTE COMPOSITION</b> [54] <b>MIXTURE FOR THE OXIDATION TINTING OF KERATIN FIBRES CONTAINING A LACCASE AND TINTING METHOD USING SAID MIXTURE</b> [72] COTTERET, JEAN, FR [72] LANG, GERARD, FR [71] L'OREAL, FR [85] 2000-06-29 [86] 1999-01-12 (PCT/FR99/00039) [87] 1999-07-22 (WO99/36046) [30] FR (98/00253) 1998-01-13</p>	<p style="text-align: right;">[21] <b>2,317,949</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/16</b> [25] FR [54] <b>IMPLANT DE CHAMBRE ANTERIEURE POUR LE TRAITEMENT DE L'OEIL PHAQUE</b> [54] <b>ANTERIOR CHAMBER IMPLANT FOR TREATING THE PHAKIC EYE</b> [72] HOFFMANN, LAURENT, FR [72] BAIKOFF, GEORGES, FR [71] BAUSCH &amp; LOMB SURGICAL, INC., US [85] 2000-07-04 [86] 1999-01-08 (PCT/IB99/00014) [87] 1999-07-15 (WO99/34752) [30] FR (98/00117) 1998-01-08</p>	<p style="text-align: right;">[21] <b>2,317,951</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07H 17/075 6A61K 31/70</b> [25] FR [54] <b>NOUVEAUX AMIDES AROMATIQUES, LEUR PROCEDE DE PREPARATION ET LEUR APPLICATION COMME MEDICAMENTS</b> [54] <b>NOVEL AROMATIC AMIDES, PREPARATION METHOD AND APPLICATION AS MEDICINES</b> [72] PERIERS, ANNE-MARIE, FR [72] HAESSLEIN, JEAN-LUC, FR [72] LAURIN, PATRICK, FR [72] KLICH, MICHEL, FR [72] MUSICKI, BRANISLAV, FR [71] HOECHST MARION ROUSSEL, FR [85] 2000-07-05 [86] 1999-01-07 (PCT/FR99/00014) [87] 1999-07-15 (WO99/35155) [30] FR (98/00116) 1998-01-08 [30] FR (98/12936) 1998-10-15</p>

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,317,953</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/13</b> [25] FR [54] <b>COMPOSITION TINCTORIALE CONTENANT UNE LACCASE ET PROCEDE DE TEINTURE DES FIBRES KERATINIQUES</b> [54] <b>DYEING COMPOSITION CONTAINING A LACCASE AND KERATINOUS FIBRE DYEING METHOD</b> [72] COTTERET, JEAN, FR [72] LANG, GERARD, FR [71] L'OREAL, FR [85] 2000-07-05 [86] 1998-12-21 (PCT/FR98/02805) [87] 1999-07-22 (WO99/36036) [30] FR (98/00250) 1998-01-13</p>	<p style="text-align: right;">[21] <b>2,317,956</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/48</b> [25] FR [54] <b>COMPOSITION COMPRENANT DU MIEL, AU MOINS UNE HUILE ESSENTIELLE ET/OU AU MOINS UN DERIVE D'UNE HUILE ESSENTIELLE</b> [54] <b>MIXTURE CONTAINING HONEY, AT LEAST ONE ESSENTIAL OIL AND/OR AT LEAST ONE ESSENTIAL OIL DERIVATIVE</b> [72] MORICE, ANDRE PIERRE, FR [71] MORICE, ANDRE PIERRE, FR [85] 2000-07-10 [86] 1999-01-06 (PCT/FR99/00010) [87] 1999-07-22 (WO99/36052) [30] FR (98/00451) 1998-01-16</p>	<p style="text-align: right;">[21] <b>2,318,031</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 29/00</b> [25] EN [54] <b>APPARATUS AND METHOD FOR MILLING THROUGH A WHIPSTOCK IN A WELLBORE</b> [54] <b>PROCEDE ET APPAREIL POUR PERCER UN DEVIATEUR DANS UN Puits DE FORAGE</b> [72] LANGFORD, DALE ELLIOT, US [72] PLEASANTS, CHARLES W., US [72] BLIZZARD, WILLIAM ALAN JR., US [72] JOHANTGES, PAUL JEFFREY, US [72] CARTER, THURMAN B., US [72] MCCLUNG, GUY LAMONT III, US [72] ROBERTSON, ROBERT EUGENE, US [72] DURST, DOUGLAS GLENN, US [71] WEATHERFORD/LAMB, INC., US [85] 2000-07-17 [86] 1999-01-18 (PCT/GB99/00036) [87] 1999-07-22 (WO99/36662) [30] US (09/008,614) 1998-01-18</p>
<p style="text-align: right;">[21] <b>2,317,954</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 2/00 6B01J 2/12</b> [25] FR [54] <b>DISPOSITIF D'ENROBAGE POUR GRANULES A ABSORBER PAR VOIE ORALE</b> [54] <b>DEVICE FOR COATING GRANULES TO BE ADMINISTERED ORALLY</b> [72] ROMAIN, PATRICE, FR [72] OURY, PASCAL, FR [72] LEDUC, GERARD, FR [72] DEBREGEAS, PATRICE, FR [71] LABORATOIRES DES PRODUITS ETHIQUES ETHYPHARM, FR [85] 2000-07-06 [86] 1999-01-05 (PCT/FR99/00003) [87] 1999-07-15 (WO99/34919) [30] FR (98/00048) 1998-01-06</p>	<p style="text-align: right;">[21] <b>2,317,957</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/117 6G06K 9/00</b> [25] FR [54] <b>DISPOSITIF D'AUTHENTIFICATION DE PERSONNE PAR SES EMPREINTES DIGITALES</b> [54] <b>DEVICE FOR AUTHENTICATING A PERSON ON THE BASIS OF HIS FINGERPRINTS</b> [72] BAULT, RICHARD V., FR [71] BAULT, RICHARD V., FR [85] 2000-07-10 [86] 1999-01-15 (PCT/FR99/00064) [87] 1999-07-22 (WO99/35964) [30] FR (98/00405) 1998-01-16</p>	<p style="text-align: right;">[21] <b>2,318,032</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02P 9/40 6H02K 1/00 6H02K 49/02 6H02K 3/04</b> [25] EN [54] <b>VARIABLE OUTPUT ROTARY POWER GENERATOR</b> [54] <b>GENERATEUR ROTATIF D'ENERGIE A SORTIE VARIABLE</b> [72] BARTEL, ROGER P., US [71] DRESSER INDUSTRIES, INC., US [85] 2000-07-17 [86] 1999-01-16 (PCT/US99/00983) [87] 1999-07-22 (WO99/37017) [30] US (60/071,611) 1998-01-16 [30] US (09/231,739) 1999-01-15</p>
<p style="text-align: right;">[21] <b>2,317,955</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29C 33/36</b> [25] FR [54] <b>INSTALLATION DE FABRICATION D'OBJETS EN LATEX PAR EXEMPLE DES OREILLERS</b> [54] <b>FACILITY FOR PRODUCING LATEX OBJECTS SUCH AS PILLOWS</b> [72] PETIT, PATRICK, FR [72] UBANELL, GEORGES, FR [71] BIOTEX PRODUCTION S.A., FR [85] 2000-07-10 [86] 1998-01-27 (PCT/FR98/00144) [87] 1999-07-29 (WO99/37455)</p>	<p style="text-align: right;">[21] <b>2,317,959</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/34 6C12Q 1/25 6C12Q 1/48 6C12Q 1/527</b> [25] EN [54] <b>METHOD FOR DETERMINATION OF THE GROSS NITROGEN-MINERALIZATION RATE OF A SOIL SAMPLE</b> [54] <b>PROCEDE DE DETERMINATION DU TAUX DE MINERALISATION BRUTE DE L'AZOTE D'UN ECHANTILLON DE SOL</b> [72] MILLER, MORTEN, DK [72] BONDE, TORBEN A., DK [72] SORENSEN, JAN, DK [71] MILLER, MORTEN, DK [71] BONDE, TORBEN A., DK [85] 2000-07-07 [86] 1998-12-10 (PCT/IB98/01984) [87] 1999-06-17 (WO99/29893) [30] DK (1436/97) 1997-12-10</p>	

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[21] **2,318,033**  
[13] A1

[51] **Int.Cl. 6G01V 3/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR NUCLEAR MAGNETIC RESONANCE MEASURING WHILE DRILLING**  
[54] **PROCEDE ET APPAREIL DE MESURE DE FOND PENDANT LE FORAGE PAR RESONANCE MAGNETIQUE NUCLEAIRE**  
[72] PRAMMER, MANFRED G., US  
[72] DUDLEY, JAMES H., US  
[72] LARONDE, MICHAEL L., US  
[72] SMAARDYK, JOHN E., US  
[72] RODNEY, PAUL F., US  
[72] GOODMAN, GEORGE D., US  
[72] MASAK, PETER, US  
[72] CHEN-KANG, DAVID C., US  
[72] JONES, DALE A., US  
[72] BARTEL, ROGER P., US  
[72] MORYS, MARIAN, US  
[71] NUMAR CORPORATION, US  
[85] 2000-07-17  
[86] 1999-01-15 (PCT/US99/01034)  
[87] 1999-07-22 (WO99/36801)  
[30] US (60/071,612) 1998-01-16  
[30] US (60/071,699) 1998-01-16

[21] **2,318,034**  
[13] A1

[51] **Int.Cl. 6C07C 69/035**  
[25] EN  
[54] **12-HYDROXY STEARIC ACID ESTERS, COMPOSITIONS BASED UPON SAME AND METHODS OF USING AND MAKING SUCH COMPOSITIONS**  
[54] **ESTERS D'ACIDE 12-HYDROXY STEARIQUE, COMPOSITIONS A BASE DE CES ESTERS ET PROCEDES DE FABRICATION ET D'UTILISATION DE CES COMPOSES**  
[72] FOGEL, ARNOLD, US  
[71] BERNEL CHEMICAL COMPANY, INC., US  
[85] 2000-07-17  
[86] 1999-01-19 (PCT/US99/01088)  
[87] 1999-07-22 (WO99/36386)  
[30] US (09/009,659) 1998-01-20

[21] **2,318,035**  
[13] A1

[51] **Int.Cl. 6G06F 19/00**  
[25] EN  
[54] **METHOD FOR CORRECTING WELL LOG DATA FOR EFFECTS OF CHANGES IN INSTRUMENT VELOCITY (CABLE YO-YO)**  
[54] **PROCEDE DE CORRECTION DE DONNEES DE DIAGRAMME DE PUITTS DU FAIT DES MODIFICATIONS DE LA VITESSE DES INSTRUMENTS (EFFET DE YO-YO DU CABLE)**  
[72] FABRIS, ANTONIO, US  
[72] JERICEVIC, ZELJKO, US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2000-07-17  
[86] 1999-11-16 (PCT/US99/27215)  
[87] 2000-05-25 (WO00/30013)  
[30] US (09/193,448) 1998-11-17  
[30] US (09/439,628) 1999-11-12

[21] **2,318,036**  
[13] A1

[51] **Int.Cl. 6G01V 1/16**  
[25] EN  
[54] **GEOPHONE AND METHOD FOR THE STUDY OF ELASTIC WAVE PHENOMENA**  
[54] **GEOPHONE ET METHODE D'ETUDE DE PHENOMENES D'ONDES ELASTIQUES**  
[72] DEIDDA, GIAN PIERO, IT  
[72] SAMBUELLI, LUIGI, IT  
[71] UNIVERSITA' DEGLI STUDI DI CAGLIARI, IT  
[71] POLITECNICO DI TORINO, IT  
[85] 2000-07-14  
[86] 1999-01-15 (PCT/IB99/00042)  
[87] 1999-07-22 (WO99/36799)  
[30] IT (TO98A000030) 1998-01-16  
[30] IT (TO98A001007) 1998-12-01

[21] **2,318,038**  
[13] A1

[51] **Int.Cl. 7H04Q 7/20**  
[25] EN  
[54] **DEVICE AND METHOD FOR LOCATING A MOBILE STATION IN A MOBILE COMMUNICATION SYSTEM**  
[54] **DISPOSITIF ET PROCEDE DE LOCALISATION D'UNE STATION MOBILE DANS UN SYSTEME DE COMMUNICATION MOBILE**  
[72] KONG, SEUNG-HYUN, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2000-07-14  
[86] 1999-12-10 (PCT/KR99/00760)  
[87] 2000-06-15 (WO00/35208)  
[30] KR (1998/54143) 1998-12-10

[21] **2,318,040**  
[13] A1

[51] **Int.Cl. 6B03B 9/06 6B29B 17/02 6B65G 47/51**  
[25] EN  
[54] **METHOD FOR PROCESSING MIXED WASTE, PROCESSING PLANT AND BUFFER SILOS THEREFOR**  
[54] **PROCEDE DE TRAITEMENT DE DECHETS MIXTES, ET INSTALLATION DE TRAITEMENT ET SILOS TAMPONS UTILISES A CET EFFET**  
[72] KOTTING, JOSEF, DE  
[72] WUBBELS, ALFONS, DE  
[71] DER GRUNE PUNKT, DUALES SYSTEM DEUTSCHLAND AG, DE  
[85] 2000-07-14  
[86] 1998-12-22 (PCT/DE98/03802)  
[87] 1999-07-22 (WO99/36180)  
[30] DE (198 01 286.1) 1998-01-15

[21] **2,318,042**  
[13] A1

[51] **Int.Cl. 7G11B 23/023 7G11B 23/40**  
[25] EN  
[54] **PRINTABLE BLANK FOR FORMING VIDEO CASSETTE BOXES**  
[54] **EBAUCHE IMPRIMABLE POUR FORMER DES ETUIS DE CASSETTE VIDEO**  
[72] KUBITSKY, MATTHEW F., US  
[72] TRACY, PETER, GB  
[71] NEATO (UK) LIMITED, GB  
[85] 2000-07-14  
[86] 1999-03-23 (PCT/EP99/01989)  
[87] 2000-05-25 (WO00/30110)  
[30] US (09/193,329) 1998-11-16

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,318,043</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/39</b> [25] EN [54] <b>METHODS AND APPARATUS FOR AN ELECTRODE BALLOON</b> [54] <b>PROCEDES ET APPAREIL POUR BALLONNET A ELECTRODE</b> [72] BOUCHIER, MARK S., US [72] MORNINGSTAR, RANDY L., US [71] AMERICAN MEDICAL SYSTEMS, INC., US [85] 2000-07-14 [86] 1999-02-17 (PCT/US99/03334) [87] 1999-08-26 (WO99/42043) [30] US (09/026,349) 1998-02-19</p>	<p style="text-align: right;">[21] <b>2,318,049</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61L 15/46 6A61L 9/01 6A61L 15/18 6A61L 15/20</b> [25] EN [54] <b>DOPED ODOUR CONTROLLING MATERIALS</b> [54] <b>MATIERES DE REGULATION DES ODEURS, A CONSTITUANT DOPE</b> [72] CORZANI, ITALO, IT [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-07-17 [86] 1999-02-02 (PCT/IB99/00185) [87] 1999-08-19 (WO99/40953) [30] EP (98102691.7) 1998-02-17</p>	<p style="text-align: right;">[21] <b>2,318,054</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08F 36/04 6C08F 4/52</b> [25] EN [54] <b>CATALYST SYSTEM FOR GAS PHASE POLYMERISATION OF CONJUGATED DIENES</b> [54] <b>SYSTEME DE CATALYSEUR POUR LA POLYMERISATION EN PHASE GAZEUSE DE DIENES CONJUGUES</b> [72] STEINHAUSER, NORBERT, DE [72] SYLVESTER, GERD, DE [72] DAUBEN, MICHAEL, DE [72] SCHNEIDER, JURGEN, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2000-07-17 [86] 1999-01-07 (PCT/EP99/00032) [87] 1999-07-29 (WO99/37694) [30] DE (198 01 857.6) 1998-01-20</p>
<p style="text-align: right;">[21] <b>2,318,045</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 7/182 6G02B 23/16</b> [25] EN [54] <b>ASSEMBLY FOR MOUNTING AND CORRECTING THE POSITION OF AN ELEMENT, SUCH AS A MIRROR, OF A SPACE TELESCOPE</b> [54] <b>ENSEMBLE DE MONTAGE ET DE CORRECTION DE POSITION D'UN ORGANE, TEL QU'UN MIROIR, D'UN TELESCOPE SPATIAL</b> [72] BAILLY, BRUNO, FR [72] VACANCE, MICHEL, FR [71] AEROSPATIALE SOCIETE NATIONAL INDUSTRIELLE, FR [85] 2000-07-14 [86] 1999-01-22 (PCT/FR99/00129) [87] 1999-07-29 (WO99/38044) [30] FR (98/00663) 1998-01-22</p>	<p style="text-align: right;">[21] <b>2,318,051</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08F 36/04 6C08F 4/52</b> [25] EN [54] <b>METHOD FOR PRODUCING A CATALYST SYSTEM AND USE THEREOF DURING GAS PHASE POLYMERISATION OF CONJUGATED DIENES</b> [54] <b>PROCEDE POUR LA FABRICATION D'UN SYSTEME DE CATALYSEUR ET SON UTILISATION POUR LA POLYMERISATION EN PHASE GAZEUSE DE DIENES CONJUGES</b> [72] MERSMANN, FRANZ-JOSEF, US [72] JENTSCH, JORG-DIETRICH, US [72] SYLVESTER, GERD, US [72] SCHNEIDER, JURGEN M., US [72] STEINHAUSER, NORBERT, US [72] SCHULZE, TILLING ANDREAS, US [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2000-07-17 [86] 1999-01-07 (PCT/EP99/00039) [87] 1999-07-29 (WO99/37695) [30] DE (198 01 858.4) 1998-01-20</p>	<p style="text-align: right;">[21] <b>2,318,055</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/00 6A61K 39/00 6A61K 51/00 6C07K 2/00 6C07K 4/00 6A61K 39/395 6A61K 39/44 6G01N 33/53 6G01N 33/543 6G01N 33/566</b> [25] EN [54] <b>.BETA.2-ADRENERGIC RECEPTOR AGONISTS</b> [54] <b>AGONISTES DU RECEPTEUR .BETA.2-ADRENERGIQUE</b> [72] CHOI, SEOK-KI, US [72] GRIFFIN, JOHN H., US [72] MORAN, EDMUND J., US [71] ADVANCED MEDICINE, INC., US [85] 2000-07-20 [86] 1999-06-07 (PCT/US99/11803) [87] 1999-12-16 (WO99/64034) [30] US (60/088,466) 1998-06-08 [30] US (60/092,938) 1998-07-15</p>
<p style="text-align: right;">[21] <b>2,318,047</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/70 6A61K 31/165 6A61K 31/245 6A61K 47/34 6A61K 31/445 6A61K 31/49</b> [25] EN [54] <b>TAPE MATERIAL FOR TRANSCUTANEOUS ABSORPTION</b> [54] <b>BANDE POUR ABSORPTION PERCUTANEE</b> [72] OWAKI, YUKINO, JP [72] SAKAMOTO, ISAMU, JP [72] HASHIMOTO, MICHIO, JP [72] TAKIGUCHI, KUNIO, JP [72] TOYOSHIMA, YOETSU, JP [71] MARUHO KABUSHIKI KAISHA, JP [71] YUTOKU PHARMACEUTICAL IND. CO., LTD., JP [85] 2000-07-17 [86] 1999-09-09 (PCT/JP99/04905) [87] 2000-04-13 (WO00/19986) [30] JP (10/282197) 1998-10-05</p>	<p style="text-align: right;">[21] <b>2,318,057</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01V 1/00 6G01V 1/02</b> [25] EN [54] <b>PULSED GENERATOR POWERED VIBRATOR</b> [54] <b>VIBREUR ALIMENTE PAR UN GENERATEUR PULSE</b> [72] AMBS, LORAN D., US [71] WESTERN ATLAS INTERNATIONAL, INC., US [85] 2000-07-20 [86] 1999-01-26 (PCT/US99/01557) [87] 2000-07-06 (WO00/39609) [30] US (09/014,350) 1998-01-27</p>	

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[21] **2,318,059**  
[13] A1  
[51] **Int.Cl. 6G11B 27/031 6G07F 17/16  
6G06F 17/26 6G11B 27/34**  
[25] EN  
[54] **DVD-AUTHORING SYSTEM AND  
METHOD**  
[54] **PROCEDE ET SYSTEME DE  
CREATION**  
[72] BRODERSEN, RAINER, US  
[72] WALLACE, GREGORY KENT, US  
[71] SPRUCE TECHNOLOGIES, INC., US  
[85] 2000-07-20  
[86] 1999-01-21 (PCT/US99/01458)  
[87] 1999-07-29 (WO99/38098)  
[30] US (09/010,267) 1998-01-21

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[21] **2,318,060**  
[13] A1  
[51] **Int.Cl. 6H02N 1/00 6G11B 7/00  
6G02B 6/26**  
[25] EN  
[54] **OPTICAL MICROSWITCH  
HAVING ELECTROSTATIC  
MICROACTUATOR AND METHOD  
FOR USE THEREOF**  
[54] **MICRORUPTEUR OPTIQUE A  
MICRO-ORGANE DE COMMANDE  
ELECTROSTATIQUE ET SON  
PROCEDE D'UTILISATION**  
[72] DRAKE, JOSEPH D., US  
[72] GRADE, JOHN D., US  
[72] JERMAN, JOHN H., US  
[71] SEAGATE TECHNOLOGY, INC., US  
[85] 2000-07-12  
[86] 1999-01-12 (PCT/US99/00648)  
[87] 1999-07-22 (WO99/37013)  
[30] US (60/071,038) 1998-01-13  
[30] US (60/096,806) 1998-08-17

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[21] **2,318,061**  
[13] A1  
[51] **Int.Cl. 7C10G 45/00 7C10G 45/04  
7C10G 45/06 7C10G 45/08 7C10G 45/12**  
[25] EN  
[54] **DESULFURIZATION OF  
OLEFINIC GASOLINE WITH A DUAL  
FUNCTIONAL CATALYST AT LOW  
PRESSURE**  
[54] **DESULFURATION D'ESSENCE  
OLEFINIQUE AVEC CATALYSEUR  
FONCTIONNEL DOUBLE A BASSE  
PRESSION**  
[72] FLETCHER, DAVID LEE, US  
[72] HILBERT, TIMOTHY LEE, US  
[72] SHIH, STUART SHAN-SAN, US  
[71] MOBIL OIL CORPORATION, US  
[85] 2000-07-12  
[86] 1999-10-25 (PCT/US99/24976)  
[87] 2000-05-25 (WO00/29509)  
[30] US (09/192,683) 1998-11-16  
[30] US (09/262,552) 1999-03-04

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[21] **2,318,063**  
[13] A1  
[51] **Int.Cl. 7B32B 31/00 7B29D 7/01  
7B32B 31/02**  
[25] EN  
[54] **MULTILAYER POLYMERIC FILM  
HAVING UNSEALED PORTIONS WITH  
CONTROLLED SHAPE**  
[54] **FILM POLYMERE  
MULTICOUCHE COMPORTANT DES  
PARTIES NON SCELLEES DOTEES  
D'UNE FORME REGULEE**  
[72] PAINE, ANTHONY MORTON, GB  
[71] MOPLEFAN (U.K.) LIMITED, GB  
[85] 2000-07-20  
[86] 1999-11-18 (PCT/EP99/08875)  
[87] 2000-06-02 (WO00/30852)  
[30] GB (9825744.7) 1998-11-24

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[21] **2,318,064**  
[13] A1  
[51] **Int.Cl. 6B44F 1/12 6B42D 15/10  
6B41M 3/14**  
[25] EN  
[54] **METHOD OF VERIFYING THE  
AUTHENTICITY OF A SECURITY  
DOCUMENT AND DOCUMENT FOR  
USE IN SUCH A METHOD**  
[54] **PROCEDE DE VERIFICATION DE  
L'AUTHENTICITE D'UN DOCUMENT  
DE SECURITE ET DOCUMENT  
CONVENANT A CE PROCEDE**  
[72] ZIENTEK, PAUL, AU  
[72] WILSON, GERARD JOSEPH, AU  
[71] SECURITY PTY LTD., AU  
[85] 2000-07-17  
[86] 1999-01-18 (PCT/AU99/00039)  
[87] 1999-07-29 (WO99/37488)  
[30] AU (PP 1427) 1998-01-21  
[30] AU (PP 3632) 1998-05-21

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[21] **2,318,065**  
[13] A1  
[51] **Int.Cl. 6C11D 17/00**  
[25] EN  
[54] **TABLET DETERGENT  
COMPOSITIONS**  
[54] **COMPOSITIONS DETERGENTES  
EN PASTILLES**  
[72] APPEL, PETER WILLEM, NL  
[72] BOSKAMP, JELLES VINCENT, NL  
[72] VAN DER KRAAN, MARCEL, NL  
[72] LEMPERS, EDWIN LEO MARIO, NL  
[72] GORDON, JAMES WILLIAM, GB  
[72] WAGNER, HENNING, NL  
[71] UNILEVER PLC, GB  
[85] 2000-07-13  
[86] 1999-02-04 (PCT/EP99/00749)  
[87] 1999-08-19 (WO99/41353)  
[30] GB (9802850.9) 1998-02-10  
[30] GB (9804713.7) 1998-03-05

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## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,318,066</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 6/00</b> [25] EN [54] <b>STRUCTURE FOR RETAINING OPTICAL FIBER</b> [54] <b>STRUCTURE DE MAINTIEN DE FIBRES OPTIQUES</b> [72] KAWAMURA, TATSUHIRO, JP [72] SUDO, YASUhide, JP [72] KONDO, KATSUAKI, JP [72] IMAMURA, KAZUO, JP [72] YOSHIDA, MINORU, JP [71] MITSUBISHI CABLE INDUSTRIES, LTD., JP [85] 2000-07-20 [86] 1999-01-21 (PCT/JP99/00219) [87] 1999-07-29 (WO99/38041) [30] JP (10/10469) 1998-01-22 [30] JP (10/21853) 1998-02-03</p>	<p style="text-align: right;">[21] <b>2,318,070</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01K 67/027 6C12N 15/87</b> [25] EN [54] <b>FULL TERM DEVELOPMENT OF ANIMALS FROM ENUCLEATED OOCYTES RECONSTITUTED WITH ADULT SOMATIC CELL NUCLEI</b> [54] <b>DEVELOPPEMENT A TERME D'ANIMAUX A PARTIR D'OVOCYTES ENUCLEES RECONSTITUES AVEC DES NOYAUX DE CELLULES SOMATIQUES ADULTES</b> [72] WAKAYAMA, TERUHIKO, US [72] YANAGIMACHI, RYUZO, US [71] UNIVERSITY OF HAWAII, US [85] 2000-07-20 [86] 1999-01-20 (PCT/US99/01144) [87] 1999-07-29 (WO99/37143) [30] US (60/072,002) 1998-01-21 [30] US (60/089,940) 1998-06-19 [30] US (09/132,104) 1998-08-10</p>	<p style="text-align: right;">[21] <b>2,318,073</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01M 6/06 7H01M 2/18 7H01M 10/28</b> [25] EN [54] <b>ELECTROCHEMICAL CELL AND METHOD OF ASSEMBLY</b> [54] <b>PILE ELECTROCHIMIQUE ET PROCEDE DE MONTAGE DE LADITE PILE</b> [72] URRY, LEWIS F., US [71] EVEREADY BATTERY COMPANY, INC., US [85] 2000-07-17 [86] 1998-11-18 (PCT/US98/24742) [87] 2000-05-25 (WO00/30197)</p>
<p style="text-align: right;">[21] <b>2,318,067</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 17/00</b> [25] EN [54] <b>TABLET DETERGENT COMPOSITIONS</b> [54] <b>COMPOSITIONS DETERGENTES SOUS FORME DE PASTILLES</b> [72] BIJL, HENK, NL [72] VAN KOPPEN, GERT, NL [72] GORDON, JAMES WILLIAM, GB [72] POORTVLIET, JAN, NL [72] VAN DER KRAAN, MARCEL, NL [71] UNILEVER PLC, GB [85] 2000-07-13 [86] 1999-02-02 (PCT/EP99/00665) [87] 1999-08-19 (WO99/41352) [30] GB (9802850.9) 1998-02-10 [30] GB (9804714.5) 1998-03-05</p>	<p style="text-align: right;">[21] <b>2,318,071</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B42D 15/00 6B44F 1/12</b> [25] EN [54] <b>SECURITY DOCUMENT HAVING VISUALLY CONCEALED SECURITY INDICIA</b> [54] <b>DOCUMENT DE SECURITE POURVU D'UN CODE DE SECURITE MASQUE</b> [72] ZIENTEK, PAUL, AU [72] POWER, GARY, AU [71] SECURENCY PTY. LTD., AU [85] 2000-07-13 [86] 1999-01-14 (PCT/AU99/00021) [87] 1999-07-22 (WO99/36271) [30] AU (PP 1342) 1998-01-15</p>	<p style="text-align: right;">[21] <b>2,318,074</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01S 13/90</b> [25] EN [54] <b>REDUCTION OF RADAR ANTENNA AREA</b> [54] <b>REDUCTION DE LA ZONE POUR ANTENNE RADAR</b> [72] GAIL, WILLIAM B., US [71] BALL CORPORATION, US [85] 2000-07-12 [86] 1998-01-16 (PCT/US98/00836) [87] 1999-07-22 (WO99/36797)</p>
<p style="text-align: right;">[21] <b>2,318,069</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 17/00 6C11D 11/00 6C11D 3/12 6C11D 3/37 6C11D 3/386 6C11D 1/40 6C11D 1/62</b> [25] EN [54] <b>DETERGENT COMPOSITIONS</b> [54] <b>COMPOSITIONS DETERGENTES</b> [72] WESTERHOUT, RONALDUS WILHELMUS JOHANNES, NL [72] VAN DER GOOT, ATZE JAN, NL [72] BOSKAMP, JELLES VINCENT, NL [71] UNILEVER PLC, GB [85] 2000-07-13 [86] 1999-01-27 (PCT/EP99/00570) [87] 1999-08-12 (WO99/40171) [30] GB (9802390.6) 1998-02-04</p>	<p style="text-align: right;">[21] <b>2,318,072</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21H 17/67 6D21H 23/76</b> [25] EN [54] <b>IMPROVED PAPERMAKING PROCESSES</b> [54] <b>PROCEDES DE FABRICATION DE PAPIER AMELIORES</b> [72] LAURILA-LUMME, AULI, FI [72] PAKARINEN, HEIKKI, FI [72] LEINO, HANNU JUHANI, FI [71] UPM-KYMMENE CORPORATION, DE [71] AGA AKTIEBOLAG, SE [85] 2000-07-12 [86] 1999-03-01 (PCT/FI99/00156) [87] 1999-09-10 (WO99/45202) [30] FI (980478) 1998-03-03</p>	<p style="text-align: right;">[21] <b>2,318,075</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63C 17/06 6A63C 17/00</b> [25] EN [54] <b>ELASTIC SPRING FOR ROLLER SKATE</b> [54] <b>RESSORT ELASTIQUE DESTINE A DES PATTINS A ROUES EN LIGNE</b> [72] VAN EGERAAT, HENDRIK A., SE [72] JACOBSSON, JENS E., SE [71] PC VANE INC., US [85] 2000-07-20 [86] 1999-01-13 (PCT/SE99/00031) [87] 1999-07-22 (WO99/36140) [30] SE (9800093-8) 1998-01-16</p>

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[21] **2,318,076**  
[13] A1  
[51] **Int.Cl. 6H01M 2/12 6H01M 2/02 6H01M 2/04 6H01M 6/04**  
[25] EN  
[54] **ELECTROCHEMICAL CELL HAVING A MOISTURE BARRIER**  
[54] **PILE ELECTROCHIMIQUE COMPORTANT UNE BARRIERE ANTI-HUMIDITE**  
[72] O'HARA, THOMAS J., III, US  
[72] WU, XI-XIAN, US  
[71] EVEREADY BATTERY COMPANY, INC., US  
[85] 2000-07-17  
[86] 1998-11-18 (PCT/US98/24743)  
[87] 2000-05-25 (WO00/30191)

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[21] **2,318,077**  
[13] A1  
[51] **Int.Cl. 6H04B 10/12 6H04B 10/14**  
[25] EN  
[54] **SYSTEM AND METHOD FOR INCREASING THE ROBUSTNESS OF AN OPTICAL RING NETWORK**  
[54] **SYSTEME ET PROCEDE PERMETTANT D'AUGMENTER LA ROBUSTESSE D'UN RESEAU OPTIQUE EN ANNEAU**  
[72] NATHAN, SRIDHAR, US  
[71] MCI WORLDCOM, INC., US  
[85] 2000-07-13  
[86] 1999-01-14 (PCT/US99/00762)  
[87] 1999-07-22 (WO99/37043)  
[30] US (09/006,969) 1998-01-14

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[21] **2,318,078**  
[13] A1  
[51] **Int.Cl. 6A63C 17/14**  
[25] EN  
[54] **ALL ROUND ROLLER SKATE**  
[54] **PATIN A ROULETTES UNIVERSEL**  
[72] VAN EGERAAT, HENDRIK A., SE  
[72] JACOBSSON, JENS E., SE  
[71] PC VANE INC., US  
[85] 2000-07-20  
[86] 1999-01-13 (PCT/SE99/00033)  
[87] 1999-07-22 (WO99/36142)  
[30] SE (9800090-4) 1998-01-16

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[21] **2,318,080**  
[13] A1  
[51] **Int.Cl. 6H04Q 11/00 6H04J 14/02**  
[25] EN  
[54] **WAVELENGTH-SELECTIVE OPTICAL ADD/DROP USING TILTING MICRO-MIRRORS**  
[54] **DISPOSITIF D'INSERTION-EXTRACTION OPTIQUE SELECTIF D'UNE LONGUEUR D'ONDE UTILISANT DES MICRO-MIROIRS INCLINABLES**  
[72] TOMLINSON, W. JOHN, US  
[71] TELLIUM, INC., US  
[85] 2000-07-20  
[86] 1999-01-27 (PCT/US99/01620)  
[87] 1999-07-29 (WO99/38348)  
[30] US (09/013,842) 1998-01-27

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[21] **2,318,081**  
[13] A1  
[51] **Int.Cl. 6A61B 8/06 6A61B 5/00 6A61B 10/00 6A61B 5/05**  
[25] EN  
[54] **DEVICES AND METHODS FOR MONITORING FEMALE AROUSAL**  
[54] **PROCEDE ET DISPOSITIF DE SURVEILLANCE DE L'EXCITATION SEXUELLE CHEZ LA FEMME**  
[72] HOVLAND, CLAIRE T., US  
[72] KNOLL, DEAN L., US  
[72] OLSON, CURTIS E., US  
[72] ABRAMS, JEROME H., US  
[71] UROMETRICS, INC., US  
[85] 2000-07-12  
[86] 1999-01-13 (PCT/US99/00724)  
[87] 1999-07-22 (WO99/35968)  
[30] US (60/071,002) 1998-01-13  
[30] US (60/071,022) 1998-01-13  
[30] US (60/099,036) 1998-09-03

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[21] **2,318,083**  
[13] A1  
[51] **Int.Cl. 6A61N 1/375**  
[25] EN  
[54] **IMPLANTABLE DEFIBRILLATOR WITH STACKED TRANSISTOR SUBASSEMBLIES**  
[54] **DEFIBRILLATEUR INTERNE COMPRENANT DES SOUS-ENSEMBLES DE TRANSISTORS EMPILES**  
[72] CHEN, PHILIP A., US  
[72] HE, XIAOHAI T., US  
[72] ARMSTRONG, SCOTT A., US  
[72] SOSEBEE, THOMAS G., US  
[71] INTERMEDICS INC., US  
[85] 2000-07-12  
[86] 1999-01-15 (PCT/US99/00941)  
[87] 1999-07-22 (WO99/36126)  
[30] US (09/007,665) 1998-01-15

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[21] **2,318,084**  
[13] A1  
[51] **Int.Cl. 6A61B 17/36**  
[25] EN  
[54] **SELECTIVE ORGAN HYPOTHERMIA METHOD AND APPARATUS**  
[54] **PROCEDE ET DISPOSITIF SELECTIFS SERVANT A METTRE UN ORGANE EN HYPOTHERMIE**  
[72] DOBAK, JOHN D., III, US  
[71] DEL MAR MEDICAL TECHNOLOGIES, INC., US  
[85] 2000-07-20  
[86] 1999-01-21 (PCT/US99/01275)  
[87] 1999-07-29 (WO99/37226)  
[30] US (09/012,287) 1998-01-23

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[21] **2,318,085**  
[13] A1  
[51] **Int.Cl. 6A61L 27/00 6C01B 35/08 6C01B 33/24**  
[25] EN  
[54] **A SYNTHETIC BIOMATERIAL COMPOUND**  
[54] **COMPOSE DE BIOMATERIAU SYNTHETIQUE**  
[72] SAYER, MICHAEL, CA  
[72] LANGSTAFF, SARAH DORTHEA, CA  
[72] SMITH, TIMOTHY J. N., CA  
[72] PUGH, SYDNEY M., CA  
[71] MILLENIUM BIOLOGIX INC., CA  
[85] 2000-07-12  
[86] 1998-01-29 (PCT/CA98/00046)  
[87] 1999-08-05 (WO99/38542)



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[21] **2,318,086**  
[13] A1

[51] **Int.Cl. 6G08B 13/14**  
[25] EN  
[54] **EAS MARKER DEACTIVATION DEVICE HAVING CORE-WOUND ENERGIZED COILS**  
[54] **DISPOSITIF DE DESACTIVATION DU MARQUEUR ELECTRONIQUE DE SURVEILLANCE DES ARTICLES AYANT DES BOBINES SOUS TENSION ENTOURANT UN NOYAU**  
[72] COFFEY, KEVIN R., US  
[72] COPELAND, RICHARD L., US  
[71] SENSORMATIC ELECTRONICS CORPORATION, US  
[85] 2000-07-20  
[86] 1998-12-21 (PCT/US98/27334)  
[87] 1999-08-05 (WO99/39313)  
[30] US (09/016,175) 1998-01-30

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[21] **2,318,087**  
[13] A1

[51] **Int.Cl. 6A23L 2/42 6A23L 3/015**  
[25] EN  
[54] **METHOD FOR ULTRA HIGH PRESSURE INACTIVATION OF MICROORGANISMS IN JUICE PRODUCTS**  
[54] **PROCEDE D'INACTIVATION SOUS ULTRA HAUTE PRESSION DES MICRO-ORGANISMES DANS LES JUS**  
[72] RAGHUBEER, ERROL V., US  
[72] TING, EDMUND Y., US  
[71] FLOW INTERNATIONAL CORPORATION, US  
[85] 2000-07-12  
[86] 1999-01-29 (PCT/US99/02026)  
[87] 1999-08-05 (WO99/38394)  
[30] US (09/016,474) 1998-01-30

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[21] **2,318,088**  
[13] A1

[51] **Int.Cl. 6C07D 221/16 6C07D 495/04 6C07D 491/044 6C07D 225/08 6C07D 313/10 6A61K 31/55**  
[25] EN  
[54] **CHEMOKINE RECEPTOR ANTAGONISTS AND METHODS OF USE THEREFOR**  
[54] **ANTAGONISTES DU RECEPTEUR DE LA CHEMOKINE ET PROCEDES D'EMPLOI DESDITS ANTAGONISTES**  
[72] OHSHIMA, ETSUO, JP  
[72] NAKASATO, YOSHISUKE, JP  
[72] LULY, JAY R., JP  
[71] MILLENNIUM PHARMACEUTICALS, INC., US  
[71] KYOWA HAKKO KOGYO CO., LTD., JP  
[85] 2000-07-20  
[86] 1999-01-21 (PCT/US99/01367)  
[87] 1999-07-29 (WO99/37619)  
[30] US (09/009,977) 1998-01-21  
[30] US (09/148,515) 1998-09-04

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[21] **2,318,089**  
[13] A1

[51] **Int.Cl. 6A61M 39/02**  
[25] EN  
[54] **VASCULAR ACCESS PORT WITH ELONGATED SEPTUM**  
[54] **POINT D'ACCES VASCULAIRE A SEPTUM OBLONG**  
[72] POWERS, KELLY B., US  
[72] ELIASSEN, KENNETH A., US  
[72] CHRISTIAN, KELLY J., US  
[71] C.R. BARD, INC., US  
[85] 2000-07-12  
[86] 1999-01-12 (PCT/US99/00700)  
[87] 1999-07-15 (WO99/34859)  
[30] US (09/005,608) 1998-01-12

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[21] **2,318,090**  
[13] A1

[51] **Int.Cl. 7C04B 24/26**  
[25] EN  
[54] **PROCESS FOR PRODUCING DISPERSANT FOR POWDERY HYDRAULIC COMPOSITION**  
[54] **PROCEDE DE PRODUCTION D'UN DISPERSANT POUR COMPOSITION HYDRAULIQUE EN POUDRE**  
[72] HAYASHI, HIROSHI, JP  
[72] TAKIMOTO, MASAKI, JP  
[72] ISOMURA, HIROTAKA, JP  
[72] TSUKADA, KAZUHISA, JP  
[72] MAKINO, KENJIRO, JP  
[72] SOEDA, KOICHI, JP  
[71] TAIHEIYO CEMENT CORPORATION, JP  
[85] 2000-07-12  
[86] 1999-11-29 (PCT/JP99/06648)  
[87] 2000-06-08 (WO00/32534)  
[30] JP (10/339215) 1998-11-30  
[30] JP (11/172350) 1999-06-18  
[30] JP (11/209122) 1999-07-23  
[30] JP (11/209123) 1999-07-23  
[30] JP (11/239972) 1999-08-26  
[30] JP (11/239973) 1999-08-26  
[30] JP (11/241553) 1999-08-27

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[21] **2,318,091**  
[13] A1

[51] **Int.Cl. 6A61N 1/05**  
[25] EN  
[54] **CARDIAC LEAD WITH POLYMER-TO-METAL JOINT**  
[54] **DERIVATION CARDIAQUE AVEC JOINT POLYMERE-METAL**  
[72] UHRBERG, ANDERS S., US  
[71] INTERMEDICS INC., US  
[85] 2000-07-12  
[86] 1999-01-15 (PCT/US99/00858)  
[87] 1999-07-22 (WO99/36123)  
[30] US (09/007,876) 1998-01-15

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[21] **2,318,093**  
[13] A1

[51] **Int.Cl. 6G01D 21/00 6G21C 17/00 6G01D 1/00**  
[25] EN  
[54] **ULTRASENSITIVE SURVEILLANCE OF SENSORS AND PROCESSES**  
[54] **SURVEILLANCE ULTRASENSIBLE DE CAPTEURS ET DE PROCESSUS**  
[72] GROSS, KENNETH C., US  
[72] JARMAN, KRISTIN K., US  
[72] WEGERICH, STEPHAN W., US  
[71] ARCH DEVELOPMENT CORPORATION, US  
[85] 2000-07-12  
[86] 1999-01-14 (PCT/US99/00956)  
[87] 1999-07-22 (WO99/36920)  
[30] US (09/006,713) 1998-01-14

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[21] **2,318,095**  
[13] A1

[51] **Int.Cl. 6A61K 33/06 6A61K 31/185**  
[25] EN  
[54] **METHODS OF TREATING TARDIVE DYSKINESIA AND OTHER MOVEMENT DISORDERS**  
[54] **METHODES DE TRAITEMENT DE LA DYSKINESIE TARDIVE ET AUTRES PERTURBATIONS DES MOUVEMENTS**  
[72] FOGEL, BARRY S., US  
[71] SYNCHRONEURON, LLC, US  
[85] 2000-07-12  
[86] 1999-01-13 (PCT/US99/00144)  
[87] 1999-07-22 (WO99/36064)  
[30] US (09/006,641) 1998-01-13  
[30] US (09/193,892) 1998-11-18  
[30] US (09/224,829) 1999-01-04

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[21] **2,318,097**  
[13] A1

[51] **Int.Cl. 6A61C 13/00 6A61C 5/10**  
[25] EN  
[54] **METHOD FOR PRODUCING COMPLETELY CERAMIC INLAYS, CROWNS, BRIDGES, PARTIAL BRIDGES, FRAMES FOR IMPLANTS OR SUPER STRUCTURES IN THE FIELD OF DENTISTRY**  
[54] **PROCEDE DE FABRICATION D'INLAYS, DE COURONNES, DE BRIDGES, DE BRIDGES PARTIELS, D'ARMATURES POUR IMPLANTS OU DE SUPERSTRUCTURES EN DENTISTERIE**  
[72] WOLZ, STEFAN, DE  
[71] WOLZ, STEFAN, DE  
[85] 2000-07-13  
[86] 1999-01-14 (PCT/DE99/00106)  
[87] 1999-07-22 (WO99/35994)  
[30] DE (198 01 534.8) 1998-01-16  
[30] DE (198 01 532.1) 1998-01-16  
[30] DE (198 01 530.5) 1998-01-16  
[30] DE (198 12 664.6) 1998-03-23  
[30] DE (198 16 546.3) 1998-04-15  
[30] DE (198 41 075.1) 1998-09-09  
[30] DE (198 52 740.3) 1998-11-16

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[21] **2,318,099**  
[13] A1

[51] **Int.Cl. 6A47K 10/36**  
[25] EN  
[54] **DISPENSING DEVICE FOR PAPER TOWELS OBTAINED BY MANUAL CUTTING FROM A CONTINUOUS BAND**  
[54] **DISTRIBUTEUR DE SERVIETTES EN PAPIER DECOUPEES MANUELLEMENT DANS UNE BANDE CONTINUE**  
[72] CASSIA, ANTONIA M., CH  
[71] STEINER COMPANY INTERNATIONAL S.A., CH  
[85] 2000-07-13  
[86] 1999-01-12 (PCT/IB99/00142)  
[87] 1999-07-22 (WO99/35950)  
[30] IT (MI98A000065) 1998-01-15

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[21] **2,318,101**  
[13] A1

[51] **Int.Cl. 6A61N 1/362**  
[25] EN  
[54] **AUGMENTATION OF ELECTRICAL CONDUCTION AND CONTRACTIBILITY BY BIPHASIC CARDIAC PACING ADMINISTERED VIA THE CARDIAC BLOOD POOL**  
[54] **AUGMENTATION DE LA CONDUCTION ELECTRIQUE ET DE LA CONTRACTILITE PAR STIMULATION CARDIAQUE BIPHASIQUE ADMINISTREE A TRAVERS LE POOL SANGUIN INTRACARDIAQUE**  
[72] MOWER, MORTON M., US  
[71] MOWER, MORTON M., US  
[85] 2000-07-13  
[86] 1999-01-13 (PCT/US99/00879)  
[87] 1999-07-22 (WO99/36124)  
[30] US (09/008,636) 1998-01-16

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[21] **2,318,102**  
[13] A1

[51] **Int.Cl. 6G06F 17/30 6G06F 3/14**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CREATING AND MANIPULATING INFORMATION CONTAINERS WITH DYNAMIC REGISTERS**  
[54] **SYSTEME ET PROCEDE POUR LA CREATION ET LA MANIPULATION DE CONTENEURS D'INFORMATIONS A REGISTRES DYNAMIQUES**  
[72] DE ANGELO, MICHAEL, US  
[71] EMATRIX CORPORATION, US  
[85] 2000-07-12  
[86] 1999-01-28 (PCT/US99/01988)  
[87] 1999-08-05 (WO99/39285)  
[30] US (60/073209) 1998-01-30

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[21] **2,318,103**  
[13] A1

[51] **Int.Cl. 6A63C 17/06**  
[25] EN  
[54] **HOCKEY LIKE ROLLER SKATE**  
[54] **PATINS A ROUES EN LIGNE DE TYPE HOCKEY**  
[72] JACOBSSON, JENS E., SE  
[72] VAN EGERAAT, HENDRIK A., SE  
[71] PC VANE INC., US  
[85] 2000-07-20  
[86] 1999-01-13 (PCT/SE99/00030)  
[87] 1999-07-22 (WO99/36139)  
[30] SE (9800091-2) 1998-01-16

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[21] **2,318,104**  
[13] A1  
[51] **Int.Cl. 6H04L 12/46 6H04L 29/14 6H04L 12/44**  
[25] EN  
[54] **NETWORK SWITCH WITH PANIC MODE**  
[54] **COMMUTATEUR DE RESEAU DOTE D'UN MODE 'PANIQUE'**  
[72] KONING, G. PAUL, US  
[72] RIHSINGHANI, ANIL G., US  
[71] CABLETRON SYSTEMS, INC., US  
[85] 2000-07-12  
[86] 1999-01-13 (PCT/US99/00154)  
[87] 1999-07-22 (WO99/37063)  
[30] US (09/006,241) 1998-01-13

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[21] **2,318,105**  
[13] A1  
[51] **Int.Cl. 6H04L 12/46**  
[25] EN  
[54] **PRIVILEGED VIRTUAL LOCAL AREA NETWORKS**  
[54] **RESEAUX LOCAUX VIRTUELS PRIVILEGES**  
[72] RIHSINGHANI, ANIL G., US  
[71] CABLETRON SYSTEMS, INC., US  
[85] 2000-07-12  
[86] 1999-01-13 (PCT/US99/00153)  
[87] 1999-07-22 (WO99/37062)  
[30] US (09/006,240) 1998-01-13

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[21] **2,318,106**  
[13] A1  
[51] **Int.Cl. 6F21V 31/00 6F21P 3/00 6F21P 5/02**  
[25] EN  
[54] **SEALED SPOTLIGHT**  
[54] **PROJECTEUR ETANCHE**  
[72] ROSSET, JAMES, CH  
[71] ROSSET, JAMES, CH  
[85] 2000-07-20  
[86] 1998-01-21 (PCT/CH98/00019)  
[87] 1999-07-29 (WO99/37950)

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[21] **2,318,107**  
[13] A1  
[51] **Int.Cl. 6G09B 3/00 6G09B 7/00**  
[25] EN  
[54] **UNIFORM MOTIVATION FOR MULTIPLE COMPUTER-ASSISTED TRAINING SYSTEMS**  
[54] **MOTIVATION UNIFORME POUR SYSTEMES D'APPRENTISSAGE ASSISTES PAR ORDINATEUR**  
[72] TALLAL, PAULA, US  
[72] JENKINS, WILLIAM M., US  
[72] PETERSON, BRET E., US  
[72] MERZENICH, MICHAEL M., US  
[72] MILLER, STEVEN, US  
[71] SCIENTIFIC LEARNING CORP., US  
[85] 2000-07-20  
[86] 1999-01-22 (PCT/US99/01415)  
[87] 1999-07-29 (WO99/38137)  
[30] US (09/012,812) 1998-01-23

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[21] **2,318,108**  
[13] A1  
[51] **Int.Cl. 6G02B 6/44 6C08F 20/00 6C03C 25/02**  
[25] EN  
[54] **RADIATION-CURABLE CROSS-LINKED RIBBON MATRIX OR BUNDLING MATERIAL FOR BONDING COATED OPTICAL GLASS FIBERS**  
[54] **MATRICE DE RUBAN RETICULEE A TRAITEMENT PAR RAYONNEMENT OU MATIERE DE MISE EN FAISCEAU DESTINEES A LA LIAISON DE FIBRES DE VERRE OPTIQUES REVETUES**  
[72] PETISCE, JAMES RAYMOND, US  
[71] DSM N.V., NL  
[85] 2000-07-20  
[86] 1999-01-19 (PCT/NL99/00034)  
[87] 1999-07-29 (WO99/38043)  
[30] US (09/010,679) 1998-01-22

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[21] **2,318,109**  
[13] A1  
[51] **Int.Cl. 6B23B 29/04**  
[25] EN  
[54] **DEVICE FOR CONNECTING A TOOL HEAD WITH A CLAMPING SHANK**  
[54] **DISPOSITIF POUR RACCORDER UNE TETE D'OUTIL A UNE TIGE DE SERRAGE**  
[72] STOLZ, GERHARD, DE  
[71] KOMET PRÄZISIONSWERKZEUGE ROBERT BREUNING GMBH, DE  
[85] 2000-07-20  
[86] 1999-01-21 (PCT/EP99/00380)  
[87] 1999-07-29 (WO99/37428)  
[30] DE (198 02 334.0) 1998-01-23  
[30] DE (198 21 484.7) 1998-05-14  
[30] DE (198 52 397.1) 1998-11-13  
[30] DE (198 60 184.0) 1998-12-24

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[21] **2,318,110**  
[13] A1  
[51] **Int.Cl. 6G08B 17/12**  
[25] EN  
[54] **FLAME AND SMOKE DETECTOR**  
[54] **DETECTEUR DE FLAMME ET DE FUMEE**  
[72] JOSEPH, RONY K., US  
[72] SIVATHANU, YUDAYA, US  
[72] TSENG, LIKENG, US  
[72] LLOYD, ANDREW, US  
[72] GORE, JAY P., US  
[71] PURDUE RESEARCH FOUNDATION, US  
[85] 2000-07-20  
[86] 1999-01-19 (PCT/US99/01071)  
[87] 1999-07-22 (WO99/36892)  
[30] US (09/009,054) 1998-01-20

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[21] **2,318,111**  
[13] A1  
[51] **Int.Cl. 6G02B 7/04**  
[25] EN  
[54] **CYLINDRICAL MOUNT FOR ADJUSTABLE OPTICAL COMPONENTS**  
[54] **DOUILLE CYLINDRIQUE DESTINEE A DES COMPOSANT OPTIQUES REGLABLES**  
[72] JONAS, RICHARD, DE  
[72] GUTH, HORST, DE  
[71] LEICA CAMERA AG, DE  
[85] 2000-07-20  
[86] 1999-01-23 (PCT/DE99/00163)  
[87] 1999-08-12 (WO99/40469)  
[30] DE (198 04 471.2) 1998-02-05

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,318,113</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01L 39/24</b> [25] EN [54] <b>METHODS FOR PRODUCING PERCURSOR MATERIAL FOR THE PRODUCTION OF HIGH-TEMPERATURE SUPERCONDUCTING WIRES</b> [54] <b>PROCEDES POUR PRODUIRE UN MATERIAU PRECURSEUR EN VUE DE LA FABRICATION DE FILS SUPRACONDUCTEURS A HAUTE TEMPERATURE</b> [72] BOCK, JOACHIM, DE [72] BAECKER, MICHAEL, DE [71] AVENTIS RESEARCH &amp; TECHNOLOGIES GMBH &amp; CO. KG, DE [85] 2000-07-12 [86] 1999-01-28 (PCT/EP99/00566) [87] 1999-08-05 (WO99/39392) [30] DE (198 03 447.4) 1998-01-30</p>	<p style="text-align: right;">[21] <b>2,318,115</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G21H 5/00 6B66C 5/00 6A01G 7/00 6F01M 5/00 6H04R 7/02 6F02M 27/04 6F02M 27/06 6F01N 3/08</b> [25] EN [54] <b>MATERIAL ACTIVATING METHOD AND DEVICE FOR CARRYING OUT THE SAME</b> [54] <b>PROCEDE ET DISPOSITIF PERMETTANT D'ACTIVER UNE SUBSTANCE</b> [72] SHIBATA, KAZUHITO, JP [71] W.F.N CO., LTD., JP [85] 2000-07-13 [86] 1999-09-17 (PCT/JP99/05082) [87] 2000-05-25 (WO00/30124) [30] JP (1998-323833) 1998-11-13</p>	<p style="text-align: right;">[21] <b>2,318,117</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01K 67/027 6C12N 5/06 6C12N 5/10</b> [25] EN [54] <b>EFFICIENT NUCLEAR TRANSFER USING PRIMORDIAL GERM CELLS</b> [54] <b>TRANSFERT DE NOYAU EFFICACE AVEC DES CELLULES GERMINALES PRIMORDIALES</b> [72] SCHERNTHANER, WOLFGANG, DE [72] WOLF, ECKHARD, AT [72] WENIGERKIND, HENDRIK, AT [72] ZAKHARTCHENKO, VALERI, DE [72] DURCOVA-HILLS, GABRIELA, DE [72] BREM, GOTTFRIED, DE [72] MULLER, SIGRID, AT [71] AGROBIOGEN GMBH, DE [85] 2000-07-14 [86] 1998-01-16 (PCT/EP98/00229) [87] 1999-07-22 (WO99/35906)</p>
<p style="text-align: right;">[21] <b>2,318,114</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 51/573 6C07C 67/08 6C07D 307/08 6C07C 57/145 6C07C 29/17 6C07C 31/20 6C07D 307/33 6C07C 69/60</b> [25] EN [54] <b>METHOD FOR SEPARATING MALEIC ANHYDRIDE FROM MALEIC ANHYDRIDE-CONTAINING MIXTURES BY STRIPPING</b> [54] <b>PROCEDE DE SEPARATION DE L'ANHYDRIDE D'ACIDE MALEIQUE PAR DESORPTION A PARTIR DE MELANGES CONTENANT DE L'ANHYDRIDE D'ACIDE MALEIQUE</b> [72] RAHN, RALF-THOMAS, DE [72] PINKOS, ROLF, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 2000-07-14 [86] 1999-02-11 (PCT/EP99/00900) [87] 1999-08-19 (WO99/41223) [30] DE (19806038.6) 1998-02-13</p>	<p style="text-align: right;">[21] <b>2,318,116</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A23L 1/20</b> [25] EN [54] <b>SOYBEAN CURD PUREE, AND PROCESS AND APPARATUS FOR PREPARING THE SAME</b> [54] <b>PUREE DE CAILLE DE SOJA ET PROCEDE ET APPAREIL DE PREPARATION DE PUREE DE CAILLE DE SOJA</b> [72] HATTORI, MASANORI, JP [72] MOTOYOSHI, NOBUYUKI, JP [72] TOMITA, MAMORU, JP [72] MIZUGUCHI, KENJI, JP [72] SOTOYAMA, KAZUYOSHI, JP [72] SHIDARA, HIDEO, JP [72] WAKAO, SHOJI, JP [72] WATANABE, RYOZO, JP [71] MORINAGA MILK INDUSTRY CO., LTD., JP [85] 2000-07-14 [86] 1998-07-15 (PCT/JP98/03183) [87] 1999-07-22 (WO99/35920) [30] JP (10/18052) 1998-01-14 [30] JP (10/71372) 1998-03-05</p>	<p style="text-align: right;">[21] <b>2,318,118</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38</b> [25] EN [54] <b>SYSTEM AND METHOD OF MOBILE STATION PRESENCE VERIFICATION IN A MULTIPLE-HYPERBAND CELLULAR TELECOMMUNICATIONS NETWORK</b> [54] <b>SYSTEME ET PROCEDE DE VERIFICATION DE LA PRESENCE D'UNE STATION MOBILE DANS UN RESEAU DE TELECOMMUNICATION CELLULAIRE A HYPERBANDES MULTIPLES</b> [72] SEGURA, LOUIS, CA [72] OLVERA-HERNANDEZ, ULISES, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-07-14 [86] 1999-01-19 (PCT/SE99/00066) [87] 1999-07-22 (WO99/37115) [30] US (09/009,055) 1998-01-20</p>

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[21] **2,318,119**  
[13] A1

[51] **Int.Cl. 6G02B 6/16 6G02B 5/18**  
[25] EN  
[54] **OPTICAL WAVEGUIDE GRATING AND METHOD OF MANUFACTURING THE SAME**  
[54] **RESEAU DE DIFFRACTION DE GUIDE D'ONDES OPTIQUE ET PROCEDE DE FABRICATION DE CELUI-CI**  
[72] ENOMOTO, TADASHI, JP  
[72] ISHIKAWA, SHINJI, JP  
[72] HARUMOTO, MICHIKO, JP  
[72] SHIGEHARA, MASAKAZU, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[85] 2000-07-14  
[86] 1999-01-08 (PCT/JP99/00040)  
[87] 1999-07-22 (WO99/36815)  
[30] JP (10/7534) 1998-01-19

[21] **2,318,120**  
[13] A1

[51] **Int.Cl. 7G11B 27/034 7G11B 20/10 7G11B 27/10**  
[25] EN  
[54] **METHOD AND DEVICE FOR RECORDING REAL-TIME INFORMATION**  
[54] **PROCEDE ET DISPOSITIF D'ENREGISTREMENT D'INFORMATIONS EN TEMPS REEL**  
[72] WILSON, PATRICIA ELIZABETH McDOWELL, NL  
[72] BRONDIJK, ROBERT ALBERTUS, NL  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2000-07-14  
[86] 1999-11-05 (PCT/EP99/08624)  
[87] 2000-05-25 (WO00/30113)  
[30] EP (98203857.2) 1998-11-16

[21] **2,318,121**  
[13] A1

[51] **Int.Cl. 6A61F 6/08 6B29C 45/18**  
[25] EN  
[54] **METHOD OF MANUFACTURING A DISPOSABLE CERVICAL CAP**  
[54] **PROCEDE DE PRODUCTION D'UNE CAPE CERVICALE JETABLE**  
[72] LaVEAN, MICHAEL G., US  
[71] VEOS FRANCE EURL, FR  
[85] 2000-07-14  
[86] 1998-01-21 (PCT/US98/01264)  
[87] 1999-07-29 (WO99/37259)

[21] **2,318,122**  
[13] A1

[51] **Int.Cl. 6C04B 26/02 6C04B 41/72**  
[25] EN  
[54] **NON-SLIP ARTIFICIAL STONE**  
[54] **PIERRE RECONSTITUEE ANTIDERAPANTE**  
[72] SAKAI, MIEKO, JP  
[72] SAITO, KENICHIRO, JP  
[71] DOPPEL CO., LTD., JP  
[85] 2000-07-14  
[86] 1998-01-16 (PCT/JP98/00144)  
[87] 1999-07-22 (WO99/36371)

[21] **2,318,123**  
[13] A1

[51] **Int.Cl. 6C04B 26/00**  
[25] EN  
[54] **ARTIFICIAL STONE**  
[54] **PIERRE ARTIFICIELLE**  
[72] SAITO, KENICHIRO, JP  
[72] SAKAI, MIEKO, JP  
[71] DOPPEL CO., LTD., JP  
[85] 2000-07-14  
[86] 1998-01-16 (PCT/JP98/00145)  
[87] 1999-07-22 (WO99/36370)

[21] **2,318,124**  
[13] A1

[51] **Int.Cl. 6B01J 7/02 6B65D 83/14**  
[25] EN  
[54] **GAS GENERATING DEVICE WITH FLOODING CHAMBER**  
[54] **GENERATEUR DE GAZ MUNI D'UN SAS**  
[72] VOS, EDDY, BE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-07-14  
[86] 1998-12-22 (PCT/US98/27278)  
[87] 1999-07-22 (WO99/36169)  
[30] EP (98870008.4) 1998-01-16

[21] **2,318,130**  
[13] A1

[51] **Int.Cl. 6A61F 2/24**  
[25] EN  
[54] **PROSTHETIC HEART VALVE**  
[54] **VALVULE PROTHETIQUE**  
[72] BOKROS, JACK C., US  
[72] STUPKA, JONATHAN C., US  
[72] MORE, ROBERT B., US  
[71] MEDICAL CARBON RESEARCH INSTITUTE, LLC, US  
[85] 2000-07-13  
[86] 1999-01-07 (PCT/US99/00301)  
[87] 1999-07-29 (WO99/37249)  
[30] US (09/010,449) 1998-01-22

[21] **2,318,131**  
[13] A1

[51] **Int.Cl. 7H04L 9/32 7H04N 1/32**  
[25] EN  
[54] **DEVICE FOR GENERATING A DESCRAMBLING SIGNAL**  
[54] **DISPOSITIF PRODUISANT UN SIGNAL DE DESEMBROUILLAGE**  
[72] WAJS, ANDREW AUGUSTINE, NL  
[71] IRDETO ACCESS B.V., NL  
[85] 2000-07-13  
[86] 1999-12-07 (PCT/EP99/09576)  
[87] 2000-06-15 (WO00/35144)  
[30] EP (98204136.0) 1998-12-08

[21] **2,318,132**  
[13] A1

[51] **Int.Cl. 6A61M 29/00 6A61M 31/00**  
[25] EN  
[54] **DEVICE FOR INJECTING FLUID INTO A WALL OF A BLOOD VESSEL**  
[54] **DISPOSITIF PERMETTANT D'INJECTER UN FLUIDE DANS LA PAROI D'UN VAISSEAU SANGUIN**  
[72] BARATH, PETER, US  
[72] REISS, ROBERT E., US  
[72] VIGIL, DENNIS M., US  
[71] INTERVENTIONAL TECHNOLOGIES INC., US  
[85] 2000-07-17  
[86] 1998-01-30 (PCT/US98/01984)  
[87] 1999-08-05 (WO99/38559)

[21] **2,318,133**  
[13] A1

[51] **Int.Cl. 7H04N 7/167 7H04N 7/30**  
[25] EN  
[54] **SYSTEM FOR PROCESSING AN INFORMATION SIGNAL**  
[54] **SYSTEME DE TRAITEMENT DE SIGNAL D'INFORMATION**  
[72] DEKKER, GERARD JOHAN, NL  
[72] WAJS, ANDREW AUGUSTINE, NL  
[71] IRDETO ACCESS B.V., NL  
[85] 2000-07-13  
[86] 1999-12-07 (PCT/EP99/09575)  
[87] 2000-06-15 (WO00/35198)  
[30] EP (98204137.8) 1998-12-08

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[21] **2,318,134**  
[13] A1

[51] **Int.Cl. 6B65D 47/20 6B29C 70/76**  
[25] EN  
[54] **MANUAL SELF-CLOSING DISTRIBUTOR**  
[54] **DISTRIBUTEUR MANUEL AUTO-OBTURATEUR**  
[72] DUBOIS, DANIEL, FR  
[72] ROSSIGNOL, ERIC, FR  
[71] REXAM SMT, FR  
[85] 2000-07-17  
[86] 1999-01-18 (PCT/FR99/00087)  
[87] 1999-07-29 (WO99/37550)  
[30] FR (98/00667) 1998-01-22

[21] **2,318,135**  
[13] A1

[51] **Int.Cl. 6B32B 13/02 6C09J 1/02 6B32B 31/20 6E04B 1/34**  
[25] EN  
[54] **A SHEET AND A METHOD FOR PRODUCTION THEREOF**  
[54] **FEUILLE ET PROCEDE DE PRODUCTION CORRESPONDANT**  
[72] ANDERSSON, BENGT, SE  
[71] GLASIS HOLDING AB, SE  
[85] 2000-07-13  
[86] 1999-01-04 (PCT/SE99/00001)  
[87] 1999-07-22 (WO99/36260)  
[30] SE (9800109-2) 1998-01-16

[21] **2,318,136**  
[13] A1

[51] **Int.Cl. 6B01D 53/56 6F01N 3/02 6F01N 3/08 6F01N 3/20**  
[25] EN  
[54] **COMBATTING AIR POLLUTION**  
[54] **LUTTE ANTI-POLLUTION ATMOSPHERIQUE**  
[72] CHANDLER, GUY RICHARD, GB  
[72] DIWELL, ALAN FRANCIS, GB  
[72] RAJARAM, RAJ RAO, GB  
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB  
[85] 2000-07-17  
[86] 1999-01-12 (PCT/GB99/00090)  
[87] 1999-07-22 (WO99/36162)  
[30] GB (9801023.4) 1998-01-19

[21] **2,318,137**  
[13] A1

[51] **Int.Cl. 6A61B 5/0452**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DETECTING DISLODGE-  
MENT OF AN IMPLANTED RIGHT ATRIAL ENDOCARDIAL LEAD**  
[54] **PROCEDE ET SYSTEME PERMETTANT DE DETECTER LE DETACHEMENT D'UN CONDUCTEUR ENDOCAVITAIRE IMPLANTE DANS L'OREILLETTE DROITE**  
[72] KIM, JAEHO, US  
[72] FOSHEE, PHILLIP D., JR., US  
[71] CARDIAC PACEMAKERS, INC., US  
[85] 2000-07-14  
[86] 1999-06-21 (PCT/US99/13986)  
[87] 1999-12-29 (WO99/66836)  
[30] US (09/102,844) 1998-06-23

[21] **2,318,138**  
[13] A1

[51] **Int.Cl. 6A61J 1/00**  
[25] EN  
[54] **VITAMIN D SOLUTION HOLDER AND CONTAINERS FOR TRANSFUSIONS**  
[54] **SUPPORT DE SOLUTION DE VITAMINE D ET RECIPIENTS POUR L'ADMINISTRATION**  
[72] KOBATAKE, HIDEKI, JP  
[72] TANI, SEIJI, JP  
[72] KAGA, JUNJI, JP  
[72] SEKIMOTO, SHIGEHITO, JP  
[71] OTSUKA PHARMACEUTICAL FACTORY, INC., JP  
[85] 2000-07-13  
[86] 1999-01-29 (PCT/JP99/00386)  
[87] 1999-08-12 (WO99/39679)  
[30] JP (10-022271) 1998-02-03

[21] **2,318,139**  
[13] A1

[51] **Int.Cl. 6B60R 25/00 6G06F 13/00**  
[25] EN  
[54] **AUTOMATED ACCOUNTING SYSTEM THAT VALUES, CONTROLS, RECORDS AND BILLS THE USES OF EQUIPMENT/VEHICLES FOR SOCIETY**  
[54] **SYSTEME DE COMPTABILITE AUTOMATISE QUI EVALUE, VERIFIE, ENREGISTRE ET FACTURE LES UTILISATIONS DE MATERIEL ET/OU DE VEHICULES POUR UNE SOCIETE**  
[72] WALKER, RICHARD C., US  
[71] KLINE & WALKER LLC, US  
[85] 2000-07-14  
[86] 1999-01-15 (PCT/US99/00919)  
[87] 1999-07-22 (WO99/36297)  
[30] US (60/071,392) 1998-01-15

[21] **2,318,140**  
[13] A1

[51] **Int.Cl. 6G01B 11/14 6G01B 9/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MAKING ABSOLUTE RANGE MEASUREMENTS**  
[54] **PROCEDE ET APPAREIL D'OBTENTION DE MESURES ABSOLUES A DISTANCE PAR DIFFRACTION DE FRESNEL**  
[72] ALLISON, STEPHEN W., US  
[72] EARL, DENNIS D., US  
[72] SANDERS, ALVIN J., US  
[72] KEY, WILLIAM S., US  
[72] CATES, MICHAEL R., US  
[71] LOCKHEED MARTIN ENERGY RESEARCH CORPORATION, US  
[71] THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION, US  
[85] 2000-07-17  
[86] 1999-01-14 (PCT/US99/00885)  
[87] 1999-08-12 (WO99/40389)  
[30] US (09/018,502) 1998-02-04

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[21] **2,318,141**  
[13] A1  
[51] Int.Cl. 6B32B 27/28 6B41M 3/12  
6B44C 1/16  
[25] EN  
[54] DECORATIVE SHEET MATERIAL  
SUITABLE FOR USE AS A FLEXIBLE  
WEATHERABLE PAINT FILM OR  
DECAL  
[54] MATERIAU DECORATIF EN  
FEUILLE POUVANT ETRE UTILISE  
COMME DECALCOMANIE OU  
COMME FILM DE PEINTURE  
FLEXIBLE ET RESISTANT AUX  
INTEMPERIES  
[72] OCAMPO, DON O., US  
[72] PATTON, CLYDE J., US  
[71] REXAM INDUSTRIES CORP., US  
[85] 2000-07-13  
[86] 1998-11-02 (PCT/US98/23439)  
[87] 1999-07-29 (WO99/37479)  
[30] US (09/010,075) 1998-01-21

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[21] **2,318,142**  
[13] A1  
[51] Int.Cl. 6C08F 210/18 6C08F 36/04  
6C08F 2/34  
[25] EN  
[54] METHOD FOR AVOIDING  
INSTABILITIES DURING GAS PHASE  
POLYMERISATION OF RUBBER  
[54] PROCEDE POUR EVITER DES  
PHENOMENES D'INSTABILITE LORS  
DE LA POLYMERISATION EN PHASE  
GAZEUSE DU CAOUTCHOUC  
[72] SCHNEIDER, JURGEN M., DE  
[72] DAUBEN, MICHAEL, DE  
[72] NENTWIG, WOLFGANG, DE  
[71] BAYER AKTIENGESELLSCHAFT,  
DE  
[85] 2000-07-17  
[86] 1999-01-07 (PCT/EP99/00038)  
[87] 1999-07-29 (WO99/37698)  
[30] DE (198 01 859.2) 1998-01-20

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[21] **2,318,143**  
[13] A1  
[51] Int.Cl. 6G01N 30/34  
[25] EN  
[54] RAPID METHOD FOR  
SEPARATION OF SMALL  
MOLECULES USING REVERSE PHASE  
HIGH PERFORMANCE LIQUID  
CHROMATOGRAPHY  
[54] METHODE RAPIDE DE  
SEPARATION DE PETITES  
MOLECULES UTILISANT LA  
CHROMATOGRAPHIE LIQUIDE  
HAUTE PERFORMANCE EN PHASE  
INVERSEE  
[72] KYRANOS, JAMES N., US  
[72] GOETZINGER, WOLFGANG K., US  
[71] ARQULE, INC., US  
[85] 2000-07-17  
[86] 1999-02-03 (PCT/US99/02371)  
[87] 1999-08-05 (WO99/39195)  
[30] US (60/073,489) 1998-02-03  
[30] US (09/028,401) 1998-02-24

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[21] **2,318,144**  
[13] A1  
[51] Int.Cl. 6H05B 41/29  
[25] EN  
[54] A METHOD AND DEVICE FOR  
OPERATING ELECTRONIC BALLASTS  
FOR HIGH INTENSITY DISCHARGE  
(HID) LAMPS  
[54] TECHNIQUE D'EXPLOITATION  
DE BALLASTS ELECTRONIQUES  
POUR LAMPES A DECHARGE A  
GRANDE INTENSITE (HID) ET  
DISPOSITIF CORRESPONDANT  
[72] BLYASHOV, BORIS, IL  
[72] POGADAEV, VLADIMIR, IL  
[71] JBP TECHNOLOGIES LTD., IL  
[85] 2000-07-17  
[86] 1999-01-20 (PCT/IL99/00034)  
[87] 1999-08-12 (WO99/40757)  
[30] IL (123029) 1998-01-22

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[21] **2,318,145**  
[13] A1  
[51] Int.Cl. 6C07D 209/48 6C07D 471/04  
6C07D 275/06 6C07D 417/12 6C07D 417/  
14 6A61K 31/18 6C07C 311/19 6A61K 31/  
40 6A61K 31/415 6A61K 31/425 6A61K  
31/505 6C07D 233/74 6C07D 239/96  
[25] EN  
[54] SULFONYLAMINO DERIVATIVES  
WHICH INHIBIT MATRIX-  
DEGRADING  
METALLOPROTEINASES  
[54] DERIVES D'ACIDE  
SULFONYLAMINO INHIBANT DES  
METALLOPROTEASES DE  
DEGRADATION DE MATRICE  
[72] KUKKOLA, PAIVI JAANA, US  
[72] ROBINSON, LESLIE ANNE, US  
[72] SAKAKI, JUNICHI, JP  
[72] NAKAJIMA, MOTOWO, JP  
[71] NOVARTIS AG, CH  
[85] 2000-07-17  
[86] 1999-02-02 (PCT/EP99/00646)  
[87] 1999-08-26 (WO99/42443)  
[30] US (09/018,819) 1998-02-04

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[21] **2,318,146**  
[13] A1  
[51] Int.Cl. 7H03G 1/00 7H03G 3/30  
[25] EN  
[54] GAIN CONTROL AMPLIFIER,  
VARIABLE GAIN AMPLIFIER AND  
AUTOMATIC GAIN CONTROL  
AMPLIFIER  
[54] AMPLIFICATEUR A COMMANDE  
DE GAIN, AMPLIFICATEUR DE GAIN  
VARIABLE ET AMPLIFICATEUR A  
COMMANDE AUTOMATIQUE DE  
GAIN  
[72] HOWLETT, KATHRYN LOUISE, CA  
[72] WIGHT, MARKS S., CA  
[72] POPESCU, PETRE, CA  
[71] NORTEL NETWORKS  
CORPORATION, CA  
[85] 2000-07-13  
[86] 1999-12-16 (PCT/CA99/01203)  
[87] 2000-07-13 (WO00/41298)  
[30] US (09/226,154) 1999-01-07

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[21] **2,318,147**  
[13] A1

[51] **Int.Cl. 6C23C 16/00**  
[25] EN  
[54] **FREE FLOATING SHIELD AND SEMICONDUCTOR PROCESSING SYSTEM**  
[54] **ECRAN PROTECTEUR FLOTTANT ET SYSTEME DE TRAITEMENT DES SEMI-CONDUCTEURS**  
[72] BARTHOLOMEW, LAWRENCE D., US  
[72] PEABODY, CHRISTOPHER A., US  
[72] DE DONTNEY, JAY B., US  
[71] SILICON VALLEY GROUP THERMAL SYSTEMS, LLC, US  
[85] 2000-07-17  
[86] 1998-12-04 (PCT/US98/25740)  
[87] 1999-07-22 (WO99/36585)  
[30] US (09/008,024) 1998-01-16  
[30] US (09/185,180) 1998-11-03

[21] **2,318,148**  
[13] A1

[51] **Int.Cl. 6B32B 23/08 6B32B 27/00 6C09K 3/00 6B32B 27/38**  
[25] EN  
[54] **WEATHERABLE COATING AND STAIN SYSTEM FOR THERMOSET OR THERMOPLASTIC COMPOSITE SURFACES**  
[54] **SYSTEME DE REVETEMENT ET DE TEINTURE RESISTANT AUX INTEMPERIES POUR SURFACES COMPOSITES THERMODURCIES OU THERMOPLASTIQUES**  
[72] PORTER, CEM A., US  
[71] THERMA-TRU CORPORATION, US  
[85] 2000-07-17  
[86] 1999-02-22 (PCT/US99/03803)  
[87] 1999-08-26 (WO99/42284)  
[30] US (09/027,525) 1998-02-23

[21] **2,318,149**  
[13] A1

[51] **Int.Cl. 7B60K 25/04**  
[25] EN  
[54] **SYSTEM FOR ENERGY RECOVERY IN ELECTRIC FANS FOR CAR RADIATORS**  
[54] **SYSTEME DE RECUPERATION D'ENERGIE POUR VENTILATEURS ELECTRIQUES DE RADIATEURS AUTOMOBILES**  
[72] DE FILIPPIS, PIETRO, IT  
[72] DEL FAVERO, ANGELO, IT  
[71] BITRON S.P.A., IT  
[85] 2000-07-13  
[86] 1999-12-01 (PCT/EP99/09375)  
[87] 2000-06-22 (WO00/35701)  
[30] IT (TO98A001051) 1998-12-16

[21] **2,318,150**  
[13] A1

[51] **Int.Cl. 6C21C 5/52 6F27B 3/22**  
[25] EN  
[54] **METHOD AND DEVICE TO FEED PREMIXED GAS TO TUYERES OF ELECTRIC ARC FURNACES**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'ALIMENTER EN GAZ PREMELANGES DES TUYERES DE FOUR ELECTRIQUE A ARC**  
[72] AITA, BRUNO, IT  
[72] CLOCCHIATTI, FERNANDO, IT  
[71] DANIELI & C. OFFICINE MECCANICHE S.P.A., IT  
[85] 2000-07-17  
[86] 1999-01-20 (PCT/IB99/00085)  
[87] 1999-07-29 (WO99/37822)  
[30] IT (UD98A000007) 1998-01-23

[21] **2,318,151**  
[13] A1

[51] **Int.Cl. 6C08L 23/08 6C08L 25/08 6C08L 71/12**  
[25] EN  
[54] **THERMOPLASTIC BLENDS OF ALPHA-OLEFIN/VINYLLIDENE AROMATIC MONOMER INTERPOLYMERS WITH AROMATIC POLYETHERS**  
[54] **MELANGES THERMOPLASTIQUES DE COPOLYMERES DE MONOMERES AROMATIQUES D'ALPHA-OLEFINE/ DE VINYLLIDENE ET DE POLYETHERS AROMATIQUES**  
[72] CHUM, PAK-WING S., US  
[72] GUEST, MARTIN J., US  
[72] KAO, CHE-I, US  
[72] CHEUNG, YUNWA W., US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2000-07-13  
[86] 1999-01-14 (PCT/US99/00812)  
[87] 1999-07-22 (WO99/36472)  
[30] US (60/071,318) 1998-01-14

[21] **2,318,152**  
[13] A1

[51] **Int.Cl. 6A61K 47/48**  
[25] EN  
[54] **ABSORBABLE MICROPARTICLES**  
[54] **MICROPARTICULES ABSORBABLES**  
[72] SHALABY, SHALABY WAHBA, US  
[71] POLY-MED INC., US  
[85] 2000-07-17  
[86] 1999-01-20 (PCT/US99/01180)  
[87] 1999-08-05 (WO99/38536)  
[30] US (09/015,394) 1998-01-29

[21] **2,318,153**  
[13] A1

[51] **Int.Cl. 6H05K 13/04**  
[25] EN  
[54] **COMPONENT PLACEMENT APPARATUS**  
[54] **APPAREIL DE PLACEMENT DE COMPOSANTS**  
[72] LOWE, JOHN MICHAEL, GB  
[71] LOWE, JOHN MICHAEL, GB  
[85] 2000-07-17  
[86] 1999-01-28 (PCT/GB99/00297)  
[87] 1999-08-05 (WO99/39559)  
[30] GB (9801875.7) 1998-01-29



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[21] **2,318,154**  
[13] A1

[51] **Int.Cl. 6E06B 3/54 6E04B 2/96**  
[25] EN  
[54] **A GLAZING ASSEMBLY**  
[54] **ENSEMBLE VITRAGE**  
[72] O'GORMAN, DANIEL PATRICK, IE  
[72] KENNY, SIMON JOSEPH, IE  
[71] KENNY, SIMON JOSEPH, IE  
[85] 2000-07-13  
[86] 1999-01-19 (PCT/IE99/00002)  
[87] 1999-07-22 (WO99/36655)  
[30] IE (980035) 1998-01-19  
[30] IE (980357) 1998-05-12

[21] **2,318,155**  
[13] A1

[51] **Int.Cl. 6D06F 43/00 6C08L 77/00**  
**6C08L 77/02 6C08L 77/06**  
[25] EN  
[54] **USE OF NYLON FILMS IN HOME DRY CLEANING BAGS**  
[54] **UTILISATION DE FILMS EN NYLON DANS LA FABRICATION DE SACS DE NETTOYAGE A SEC DOMESTIQUE**  
[72] INSEL, JAMES F., US  
[72] ALTMAN, CARL E., US  
[72] MOULTON, JEFFREY D., US  
[71] ALLIEDSIGNAL INC., US  
[85] 2000-07-17  
[86] 1999-01-18 (PCT/US99/01042)  
[87] 1999-07-22 (WO99/36610)  
[30] US (60/071,295) 1998-01-16  
[30] US (09/226,728) 1999-01-07

[21] **2,318,157**  
[13] A1

[51] **Int.Cl. 6E21B 33/127**  
[25] EN  
[54] **INFLATABLE PACKER**  
[54] **PACKER GONFLABLE**  
[72] McGARIAN, BRUCE, GB  
[72] GILLIES, IAN, GB  
[71] SMITH INTERNATIONAL, INC., US  
[85] 2000-07-17  
[86] 1999-01-20 (PCT/GB99/00177)  
[87] 1999-07-22 (WO99/36663)  
[30] GB (9801201.6) 1998-01-20

[21] **2,318,158**  
[13] A1

[51] **Int.Cl. 6A61F 13/15 6A61F 13/56**  
[25] EN  
[54] **INCONTINENCE PAD HAVING IMPROVED SECUREMENT SYSTEM**  
[54] **GARNITURE ABSORBANTE POUR INCONTINENTS AVEC SYSTEME DE FIXATION AMELIORE**  
[72] HEINERMANN, GREGOR  
HERIBERT, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-07-18  
[86] 1999-01-18 (PCT/IB99/00052)  
[87] 1999-07-29 (WO99/37261)  
[30] EP (98101175.2) 1998-01-23

[21] **2,318,159**  
[13] A1

[51] **Int.Cl. 6A61K 31/28 6A61K 31/555**  
[25] EN  
[54] **VANADIUM (IV) METALLOCENE COMPLEXES HAVING SPERMICIDAL ACTIVITY**  
[54] **COMPLEXES ORGANOMETALLIQUES DE VANADIUM (IV) A ACTIVITE SPERMICIDE**  
[72] UCKUN, FATIH M., US  
[72] D'CRUZ, OSMOND, US  
[72] GHOSH, PHALGUNI, US  
[71] PARKER HUGHES INSTITUTE, US  
[85] 2000-07-11  
[86] 1999-01-20 (PCT/US99/01171)  
[87] 1999-07-22 (WO99/36063)  
[30] US (09/008,898) 1998-01-20

[21] **2,318,160**  
[13] A1

[51] **Int.Cl. 6C09B 23/02 6C07H 21/00**  
**6C07H 19/04 6C12Q 1/68**  
[25] EN  
[54] **ASYMMETRIC CYANINE DYE QUENCHERS**  
[54] **AGENTS D'EXTINCTION DE COLORANT CYANINE ASYMETRIQUE**  
[72] LEE, LINDA G., US  
[72] MULLAH, KHAIRUZZAMAN B., US  
[72] GRAHAM, RONALD J., US  
[72] HAXO, FRANCIS T., US  
[71] THE PERKIN-ELMER CORPORATION, US  
[85] 2000-07-18  
[86] 1999-01-19 (PCT/US99/01163)  
[87] 1999-07-29 (WO99/37717)  
[30] US (09/012525) 1998-01-23

[21] **2,318,161**  
[13] A1

[51] **Int.Cl. 6G01N 27/26**  
[25] EN  
[54] **MICROFABRICATED APERTURE-BASED SENSOR**  
[54] **DETECTEUR MUNI D'OUVERTURES MICROFABRIQUEES**  
[72] LAUKS, IMANTS R., CA  
[72] PIERCE, RAYMOND J., CA  
[72] DAVIS, GRAHAM, US  
[72] LIN, CHAO, US  
[71] i-STAT CORPORATION, US  
[85] 2000-07-11  
[86] 1999-01-21 (PCT/US99/01375)  
[87] 1999-07-29 (WO99/38003)  
[30] US (09/012,579) 1998-01-23  
[30] US (09/012,579 (CON)) 1998-01-23

[21] **2,318,162**  
[13] A1

[51] **Int.Cl. 6A61K 31/28 6C07F 9/00**  
[25] EN  
[54] **OXY-VANADIUM (IV) COMPLEXES HAVING SPERMICIDAL ACTIVITY**  
[54] **COMPLEXES D'OXY-VANADIUM (IV) A ACTIVITE SPERMICIDE**  
[72] UCKUN, FATIH M., US  
[72] DONG, WANHONG, US  
[72] D'CRUZ, OSMOND, US  
[71] PARKER HUGHES INSTITUTE, US  
[85] 2000-07-11  
[86] 1999-01-20 (PCT/US99/01187)  
[87] 2000-05-18 (WO00/27389)  
[30] US (09/187,115) 1998-11-05

[21] **2,318,163**  
[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04Q 11/04**  
[25] EN  
[54] **METHOD FOR PROVIDING DELAYS INDEPENDENT OF SWITCH SIZE IN A CROSSBAR SWITCH WITH SPEEDUP**  
[54] **PROCEDE ASSURANT DES DELAIS INDEPENDANTS DE LA TAILLE DES REPARTITEURS DANS UN CENTRAL CROSSBAR ACCELERE**  
[72] KRISHNA, PATTABHIRAMAN, US  
[72] CHARNY, ANNA, US  
[72] PATEL, NAIMISH, US  
[72] SIMCOE, ROBERT J., US  
[71] CABLETRON SYSTEMS, INC., US  
[85] 2000-07-11  
[86] 1999-01-12 (PCT/US99/00684)  
[87] 1999-07-15 (WO99/35792)  
[30] US (09/005,740) 1998-01-12

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[21] **2,318,164**  
[13] A1  
[51] **Int.Cl. 6A24D 1/02**  
[25] EN  
[54] **LOW SUB-FLOW SMOKE TYPE CIGARETTE**  
[54] **CIGARETTE DU TYPE A FUMEE A FAIBLE COURANT SECONDAIRE**  
[72] SAKURAI, TORU, JP  
[72] ISHIKAWA, HISASHI, JP  
[72] HANADA, ATSUNARI, JP  
[72] NAGAI, MASAHIKO, JP  
[71] JAPAN TOBACCO INC., JP  
[85] 2000-07-18  
[86] 1999-01-19 (PCT/JP99/00162)  
[87] 1999-07-22 (WO99/35923)  
[30] JP (10/8827) 1998-01-20

[21] **2,318,165**  
[13] A1  
[51] **Int.Cl. 6C07D 307/12 6C07D 407/04**  
[25] EN  
[54] **THF INTERMEDIATES FOR ANNONACEOUS ACETOGENINS**  
[54] **PRODUITS INTERMEDIAIRES DU THF UTILISES POUR LA PREPARATION DES ACETOGENINES ANNONACES**  
[72] LI, KEQIANG, US  
[72] UCKUN, FATIH M., US  
[71] PARKER HUGHES INSTITUTE, US  
[85] 2000-07-11  
[86] 1999-01-19 (PCT/US99/01102)  
[87] 1999-07-22 (WO99/36414)  
[30] US (09/009,057) 1998-01-20

[21] **2,318,166**  
[13] A1  
[51] **Int.Cl. 6D06L 1/00 6D06L 1/02 6D06M 23/02 6C11D 17/04 6A47L 25/08 6B08B 3/10**  
[25] EN  
[54] **METHOD FOR REMOVING WATER SPOTS FROM FABRICS**  
[54] **PROCEDE D'ENLEVEMENT DE TACHE D'EAU SUR DES ETOFFES**  
[72] HOLT, JOHN HENRY, US  
[72] JONES, STEPHANIE KAY, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-07-11  
[86] 1998-08-04 (PCT/US98/16363)  
[87] 1999-07-22 (WO99/36611)  
[30] US (09/008,670) 1998-01-16

[21] **2,318,167**  
[13] A1  
[51] **Int.Cl. 6C09J 163/00 6C08L 63/00 6C08K 5/08 6C08K 5/09 6C08K 5/092 6C08K 5/095 6C08K 5/13 6C08K 5/15 6C08K 5/21 6C08K 5/3445 6C08K 5/3462**  
[25] EN  
[54] **CURABLE EPOXY-BASED COMPOSITIONS**  
[54] **COMPOSITIONS DURCISSABLES A BASE D'EPOXY**  
[72] BURNS, BARRY, IE  
[72] WIGHAM, JONATHAN, IE  
[72] MALONE, PAUL, IE  
[72] WOOLFSON, HARRY, IE  
[71] LOCTITE CORPORATION, US  
[71] LOCTITE (R & D) LIMITED, IE  
[85] 2000-07-11  
[86] 1999-01-14 (PCT/IE99/00001)  
[87] 1999-07-22 (WO99/36484)  
[30] IE (980028) 1998-01-16  
[30] US (60/095,458) 1998-08-06

[21] **2,318,168**  
[13] A1  
[51] **Int.Cl. 6B07C 3/08 6B07C 3/00 6B65G 47/50**  
[25] EN  
[54] **DISPATCH SYSTEM FOR CONTAINERS OF SORTED MAIL AND METHOD THEREFOR**  
[54] **SYSTEME D'ACHEMINEMENT DE CONTENANTS DE COURRIER TRIE ET PROCEDE ASSOCIE**  
[72] AXELROD, STEVEN A., US  
[72] KLEIN, HANS J., DE  
[72] DEVRIES, CHARLES R., US  
[72] SCHULTZ, KEITH E., US  
[72] YOUNG, BRUCE A., US  
[72] OLSEN, DOUGLAS E., US  
[72] BROUWER, GERALD A., US  
[71] ATECS MANNESMANN AG, DE  
[85] 2000-07-10  
[86] 1999-01-21 (PCT/EP99/00317)  
[87] 1999-07-29 (WO99/37411)  
[30] US (60/072,032) 1998-01-21

[21] **2,318,169**  
[13] A1  
[51] **Int.Cl. 6H01R 17/12**  
[25] EN  
[54] **REPAIRABLE CONNECTOR AND METHOD**  
[54] **CONNECTEUR REPARABLE ET PROCEDE**  
[72] FOLLINGSTAD, MICHAEL J., US  
[72] PETERS, JEFFREY L., US  
[71] ADC TELECOMMUNICATIONS, INC., US  
[85] 2000-07-10  
[86] 1999-01-05 (PCT/US99/00069)  
[87] 1999-07-22 (WO99/36999)  
[30] US (09/007,855) 1998-01-15

[21] **2,318,170**  
[13] A1  
[51] **Int.Cl. 6G01N 33/542 6G01N 33/52 6G01N 33/543 6G01N 33/58**  
[25] EN  
[54] **DETECTION SYSTEM USING LIPOSOMES AND SIGNAL MODIFICATION**  
[54] **PROCEDE DE DETECTION A L'AIDE DE LIPOSOMES ET DE MODIFICATION DE SIGNAL**  
[72] NICKLIN, STEPHEN, GB  
[72] LLOYD, CHRISTOPHER JAMES, GB  
[72] AOJULA, HARMESH SINGH, GB  
[72] TSILOSANI, MARINA, GB  
[72] CLARKE, DAVID JOHN, GB  
[72] WILSON, MICHAEL THOMAS, GB  
[71] THE SECRETARY OF STATE FOR DEFENCE, GB  
[85] 2000-07-10  
[86] 1999-01-21 (PCT/GB99/00208)  
[87] 1999-07-29 (WO99/38009)  
[30] GB (9801120.8) 1998-01-21

[21] **2,318,171**  
[13] A1  
[51] **Int.Cl. 6C21B 7/14 6F27D 3/14**  
[25] EN  
[54] **TAPPING LAUNDRER FOR AN IRON SMELT**  
[54] **CHENAL DE COULEE POUR UN BAIN DE FER**  
[72] MOUSEL, NICOLAS, LU  
[72] THILL, ROGER, LU  
[72] THILLEN, GUY, LU  
[72] SOLVI, MARC, LU  
[71] PAUL WURTH S.A., LU  
[85] 2000-07-10  
[86] 1999-01-08 (PCT/EP99/00072)  
[87] 1999-07-22 (WO99/36580)  
[30] LU (90195) 1998-01-15

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[13] A1  
[51] **Int.Cl. 6B60R 21/26 6B60R 21/32**  
[25] EN  
[54] **DUAL LEVEL GAS GENERATOR GENERATEUR DE GAZ A DEUX NIVEAUX**  
[72] SCHEFFEE, ROBERT S., US  
[71] ATLANTIC RESEARCH CORPORATION, US  
[85] 2000-07-10  
[86] 1999-01-22 (PCT/US99/00393)  
[87] 1999-12-02 (WO99/61279)  
[30] US (09/010,541) 1998-01-22

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[21] **2,318,173**  
[13] A1  
[51] **Int.Cl. 6F26B 7/00 6B30B 9/26**  
[25] EN  
[54] **A CAGE COMPACTOR DRYER APPARATUS FOR TREATING WASTE MATERIALS**  
[54] **COMPACTEUR/DESSICCATEUR A CAGE POUR LE TRAITEMENT DES DECHETS**  
[72] LA GIOIA, ANTONIO, IT  
[71] LA GIOIA, ANTONIO, IT  
[85] 2000-07-10  
[86] 1999-03-24 (PCT/IT99/00071)  
[87] 1999-09-30 (WO99/49269)  
[30] IT (RM98A000190) 1998-03-25

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[21] **2,318,174**  
[13] A1  
[51] **Int.Cl. 6G06F 17/00**  
[25] EN  
[54] **METHOD AND DEVICE FOR REPRESENTING AND MONITORING FUNCTIONAL PARAMETERS OF A PHYSIOLOGICAL SYSTEM**  
[54] **PROCEDE ET DISPOSITIF DE REPRESENTATION ET DE SURVEILLANCE DE PARAMETRES FONCTIONS D'UN SYSTEME PHYSIOLOGIQUE**  
[72] KITACHINE, YOURI, RU  
[72] SOULA, ANATOLI, RU  
[72] GILLESSEN, WERNER, DE  
[71] CYBERNETIC VISION AG, DE  
[85] 2000-07-12  
[86] 1999-01-12 (PCT/DE99/00080)  
[87] 1999-07-15 (WO99/35558)  
[30] DE (198 01 240.3) 1998-01-12

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[21] **2,318,175**  
[13] A1  
[51] **Int.Cl. 6G01N 33/53 6G01N 33/48 6G01N 33/543**  
[25] EN  
[54] **MICROARRAYS AND USES THEREFOR**  
[54] **MICROSYSTEMES ET LEURS MISES EN APPLICATION**  
[72] FERNANDEZ, JOSEPH M., US  
[72] HOFFLER, JAMES P., US  
[72] NASOFF, MARC S., US  
[71] INVITROGEN CORPORATION, US  
[85] 2000-07-12  
[86] 1999-02-04 (PCT/US99/02442)  
[87] 1999-08-12 (WO99/40434)  
[30] US (60/073,605) 1998-02-04

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[21] **2,318,176**  
[13] A1  
[51] **Int.Cl. 6B25H 1/20 6A61C 19/00 6B25H 1/00 6B08B 15/04 6A61C 13/12 6B25H 1/16**  
[25] EN  
[54] **AN ERGONOMIC HAND SUPPORT FOR PRECISION WORK**  
[54] **APPUI-MAIN ERGONOMIQUE POUR TRAVAUX DE PRECISION**  
[72] HABISREITINGER, WALTER, CA  
[71] HABISREITINGER, WALTER, CA  
[85] 2000-07-13  
[86] 1999-01-21 (PCT/CA99/00046)  
[87] 1999-07-29 (WO99/37448)  
[30] CA (2,221,584) 1998-01-22

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[21] **2,318,177**  
[13] A1  
[51] **Int.Cl. 6F16F 15/30**  
[25] EN  
[54] **FLYWHEEL WITH SELF-EXPANDING HUB**  
[54] **VOLANT MUNI D'UN MOYEU A AUTO-EXTENSION**  
[72] SWETT, DWIGHT W., US  
[71] SWETT, DWIGHT W., US  
[85] 2000-07-12  
[86] 1998-12-23 (PCT/US98/27466)  
[87] 1999-10-21 (WO99/53597)  
[30] US (09/006,475) 1998-01-13

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[21] **2,318,178**  
[13] A1  
[51] **Int.Cl. 6A61F 5/41**  
[25] EN  
[54] **PENILE RING**  
[54] **ANNEAU PENIEN**  
[72] ZAMAR, ANTONIOS CAMILLE, GB  
[71] ZAMAR, ANTONIOS CAMILLE, GB  
[85] 2000-07-13  
[86] 1999-01-20 (PCT/GB99/00181)  
[87] 1999-07-22 (WO99/36008)  
[30] GB (9801170.3) 1998-01-20

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[21] **2,318,179**  
[13] A1  
[51] **Int.Cl. 6A41D 27/26 6A41D 13/00 6A61F 13/00 6A63B 71/12**  
[25] EN  
[54] **HIP PROTECTOR**  
[54] **PROTECTION POUR LA HANCHE**  
[72] OLSEN, HANS, DK  
[71] OLSEN, HANS, DK  
[85] 2000-07-13  
[86] 1999-02-18 (PCT/DK99/00069)  
[87] 1999-08-26 (WO99/42011)  
[30] DK (0232/98) 1998-02-18

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[21] **2,318,180**  
[13] A1  
[51] **Int.Cl. 6A61B 5/00**  
[25] EN  
[54] **FLUORESCENCE IMAGING ENDOSCOPE**  
[54] **IMAGERIE ENDOSCOPIQUE PAR FLUORESCENCE**  
[72] WANG, THOMAS D., US  
[72] FELD, MICHAEL S., US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[85] 2000-07-14  
[86] 1999-01-26 (PCT/US99/01723)  
[87] 1999-07-29 (WO99/37204)  
[30] US (60/072,455) 1998-01-26

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[13] A1

[51] **Int.Cl. 6C07C 311/44 6C07D 319/06 6A61K 31/18 6C07D 233/26 6C07C 311/46**  
[25] EN  
[54] **NOVEL NAPHTHYL-SUBSTITUTED AND ANILIDE-SUBSTITUTED SULFONAMIDES**  
[54] **NOUVEAUX SULFAMIDES A SUBSTITUTION PAR NAPHTYLE ET ANILIDE**  
[72] HALLENBERGER, SABINE, DE  
[72] REEFSCHLAGER, JURGEN, DE  
[72] HARTER, MICHAEL, DE  
[72] GOLDMANN, SIEGFRIED, DE  
[72] BENDER, WOLFGANG, DE  
[72] WEBER, OLAF, DE  
[72] ECKENBERG, PETER, DE  
[72] TRAPPE, JORG, IT  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-07-20  
[86] 1999-01-09 (PCT/EP99/00099)  
[87] 1999-07-29 (WO99/37609)  
[30] DE (198 02 439.8) 1998-01-23

[21] **2,318,183**  
[13] A1

[51] **Int.Cl. 6H01M 2/12**  
[25] EN  
[54] **ENCLOSED CELL AND SEALER**  
[54] **ELEMENT DE BATTERIE ETANCHE ET SON BOUCHON**  
[72] SAIJO, KINJI, JP  
[72] KAWAMURA, HIROAKI, JP  
[72] ISOBE, YOSHIHIKO, JP  
[72] OKAMOTO, HIROAKI, JP  
[72] SUGIMOTO, YOSHIYUKI, JP  
[71] TOYO KOHAN CO., LTD., JP  
[85] 2000-07-14  
[86] 1999-01-14 (PCT/JP99/00095)  
[87] 1999-07-22 (WO99/36975)  
[30] JP (10/18292) 1998-01-16

[21] **2,318,184**  
[13] A1

[51] **Int.Cl. 6C07D 405/04 6C07D 405/14 6C07D 409/14 6A61K 31/435**  
[25] EN  
[54] **SUBSTITUTED 5-(2,2-DIFLUORO-1,3-BENZODIOXOL-5-YL) CYCLOPENTENOPYRIDINE DERIVATIVE**  
[54] **DERIVE DE 5-(2,2-DIFLUORO-1,3-BENZODIOXOL-5-YL) CYCLOPENTENOPYRIDINE SUBSTITUE**  
[72] OTAKE, NORIKAZU, JP  
[72] HAYAMA, TAKASHI, JP  
[72] NISHIKIBE, MASARU, JP  
[71] BANYU PHARMACEUTICAL CO., LTD., JP  
[85] 2000-07-20  
[86] 1999-01-18 (PCT/JP99/00131)  
[87] 1999-07-29 (WO99/37639)  
[30] JP (10/23979) 1998-01-21

[21] **2,318,185**  
[13] A1

[51] **Int.Cl. 6C21B 3/02 6C21B 5/00 6C21B 13/00 6C21B 13/14**  
[25] EN  
[54] **METHOD FOR PRODUCING HOT METAL**  
[54] **PROCEDE POUR PRODUIRE DE LA FONTE LIQUIDE**  
[72] STOCKINGER, JOSEF, AT  
[72] MIZELLI, HERBERT, AT  
[72] WURM, JOHANN, AT  
[72] ZAHEDI, PARVIZ, AT  
[71] DEUTSCHE VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, DE  
[85] 2000-07-14  
[86] 1998-12-22 (PCT/EP98/08453)  
[87] 1999-07-22 (WO99/36579)  
[30] AT (A 49/98) 1998-01-15

[21] **2,318,186**  
[13] A1

[51] **Int.Cl. 6H04Q 11/04**  
[25] EN  
[54] **METHOD OF TRANSMISSION AND TRANSMISSION SYSTEM**  
[54] **SYSTEME ET PROCEDE DE TRANSMISSION**  
[72] ZELLERHOFF, THOMAS, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2000-07-20  
[86] 1998-12-16 (PCT/DE98/03696)  
[87] 1999-07-29 (WO99/38349)  
[30] DE (198 02 365.0) 1998-01-22

[21] **2,318,187**  
[13] A1

[51] **Int.Cl. 6H05K 3/04**  
[25] EN  
[54] **ROTATIVE CUTTING METHOD AND DEVICE FOR PRINTED CIRCUIT BOARDS AND ELECTRIC CONDUCTORS**  
[54] **PROCEDE ET DISPOSITIF POUR LE DECOUPAGE ROTATIF DE CARTES DE CIRCUITS IMPRIMES ET DE CIRCUITS CONDUCTEURS ELECTRIQUES**  
[72] WITTMAIER, KLAUS, DE  
[71] SCHOBER GMBH WERKZEUG- UND MASCHINENBAU, DE  
[85] 2000-07-14  
[86] 1999-01-15 (PCT/EP99/00201)  
[87] 1999-07-29 (WO99/38367)  
[30] DE (198 02 512.2) 1998-01-24

[21] **2,318,188**  
[13] A1

[51] **Int.Cl. 6A61F 11/08**  
[25] EN  
[54] **HEARING PROTECTOR**  
[54] **PROTECTEUR D'OREILLES**  
[72] TIEMANN, RUDI PETER, NL  
[71] SIMPLY SILENCE SIMSIN B.V., NL  
[85] 2000-07-14  
[86] 1999-01-18 (PCT/NL99/00031)  
[87] 1999-07-22 (WO99/36016)  
[30] NL (1008065) 1998-01-19  
[30] NL (1008066) 1998-01-19

[21] **2,318,189**  
[13] A1

[51] **Int.Cl. 6H04N 7/10**  
[25] EN  
[54] **CATV POWER INSERTER**  
[54] **COMPOSANT D'INSERTION D'ENERGIE CATV**  
[72] GRESKO, RICHARD, US  
[71] GENERAL INSTRUMENT CORPORATION, US  
[85] 2000-07-20  
[86] 1998-12-10 (PCT/US98/26178)  
[87] 1999-07-29 (WO99/38323)  
[30] US (09/010,241) 1998-01-21

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[13] A1  
[51] **Int.Cl. 6A61K 39/108 6A61K 39/39 6G01N 33/566**  
[25] EN  
[54] **AGENT CAPABLE OF MODULATING A GLYCOSPHINGOLIPID-ASSOCIATED ACTIVITY THUS AFFECTING AN IMMUNE DISORDER**  
[54] **AGENT CAPABLE DE MODULER L'ACTIVITE LIEE A UN GLYCOSPHINGOLIPIDE, AGISSANT AINSI SUR UN TROUBLE IMMUNITAIRE**  
[72] HIRST, TIMOTHY RAYMOND, GB  
[72] WILLIAMS, NEIL ANDREW, GB  
[71] UNIVERSITY OF BRISTOL, GB  
[85] 2000-07-14  
[86] 1999-01-28 (PCT/GB99/00290)  
[87] 1999-08-05 (WO99/38530)  
[30] GB (9801871.6) 1998-01-28

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[21] **2,318,191**  
[13] A1  
[51] **Int.Cl. 6G01N 27/327 6G06F 19/00 6C12Q 1/00 6G01N 33/543**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETECTING MOLECULAR BINDING EVENTS**  
[54] **PROCEDE ET APPAREIL DE DETECTION D'EVENEMENTS DE LIAISON MOLECULAIRE**  
[72] HEFTI, JOHN, US  
[71] SIGNATURE BIOSCIENCE INC., US  
[85] 2000-07-14  
[86] 1999-02-01 (PCT/US99/02147)  
[87] 1999-08-05 (WO99/39190)  
[30] US (60/073,445) 1998-02-02

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[13] A1  
[51] **Int.Cl. 6A61K 38/00 6C07C 213/00 6A61K 39/00 6A61K 51/00 6A61K 39/395 6A61K 39/44 6G01N 33/53 6G01N 33/543 6G01N 33/566**  
[25] EN  
[54] **.BETA.2-ADRENERGIC RECEPTOR AGONISTS**  
[54] **AGONISTES DU RECEPTEUR .BETA.2-ADRENERGIQUE**  
[72] CHOI, SEOK-KI, US  
[72] GRIFFIN, JOHN H., US  
[72] MORAN, EDMUND J., US  
[71] ADVANCED MEDICINE, INC., US  
[85] 2000-07-20  
[86] 1999-06-07 (PCT/US99/11804)  
[87] 1999-12-16 (WO99/64035)  
[30] US (60/088,466) 1998-06-08  
[30] US (60/092,938) 1998-07-15

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[13] A1  
[51] **Int.Cl. 6F16L 59/06**  
[25] EN  
[54] **SELF-EVACUATING VACUUM INSULATION PANELS**  
[54] **PANNEAUX A VIDE ISOLANT A PURGE AUTOMATIQUE**  
[72] SMITH, DOUGLAS M., US  
[72] BOES, R. ULRICH, US  
[72] RODERICK, KEVIN, US  
[71] CABOT CORPORATION, US  
[85] 2000-07-14  
[86] 1999-01-13 (PCT/US99/00160)  
[87] 1999-07-22 (WO99/36726)  
[30] US (09/007,716) 1998-01-15

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[21] **2,318,195**  
[13] A1  
[51] **Int.Cl. 6A61K 31/41 6C07D 513/04 6C07D 275/06**  
[25] EN  
[54] **IL-8 RECEPTOR ANTAGONISTS**  
[54] **ANTAGONISTES DES RECEPTEURS DE L'INTERLEUKINE-8**  
[72] BRYAN, DEBORAH LYNNE, US  
[72] WIDDOWSON, KATHERINE L., US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2000-07-14  
[86] 1999-01-15 (PCT/US99/01029)  
[87] 1999-07-22 (WO99/36069)  
[30] US (60/071,653) 1998-01-16

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[21] **2,318,196**  
[13] A1  
[51] **Int.Cl. 6G06T 7/00**  
[25] EN  
[54] **METHOD FOR EXTRACTING AND CLASSIFYING SHEET VARIATION PATTERNS FROM TWO-DIMENSIONAL SHEET MEASUREMENTS**  
[54] **PROCEDE POUR L'EXTRACTION ET LE CLASSEMENT DE FEUILLES EN FONCTION DE PROFILS D'ECART DEDUITS DE MESURES DE FEUILLES BI-DIMENSIONNELLES**  
[72] CHEN, SHIH-CHIN, US  
[71] ABB INDUSTRIAL SYSTEMS, INC., US  
[85] 2000-07-14  
[86] 1999-02-02 (PCT/US99/02235)  
[87] 1999-08-12 (WO99/40540)  
[30] US (60/074,232) 1998-02-10

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[21] **2,318,197**  
[13] A1  
[51] **Int.Cl. 6H04B 7/155**  
[25] EN  
[54] **WIRELESS TELEPHONE SERVER SYSTEM**  
[54] **SYSTEME SERVEUR POUR TELEPHONIE SANS FIL**  
[72] EVANS, SHANE, US  
[71] EVANS, SHANE, US  
[85] 2000-07-14  
[86] 1999-01-15 (PCT/US99/00938)  
[87] 1999-07-22 (WO99/37041)  
[30] US (09/008,603) 1998-01-17

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[21] **2,318,198**  
[13] A1  
[51] **Int.Cl. 6H04L 29/06**  
[25] EN  
[54] **METHOD FOR TRANSFERRING DATA FROM A HEAD-END TO A NUMBER OF RECEIVERS**  
[54] **PROCEDE PERMETTANT DE TRANSFERER DES DONNES D'UNE TETE DE RESEAU A UN CERTAIN NOMBRE DE RECEPTEURS**  
[72] WAJS, ANDREW AUGUSTINE, NL  
[71] IRDETO ACCESS B.V., NL  
[85] 2000-07-14  
[86] 1999-01-14 (PCT/EP99/00283)  
[87] 1999-07-22 (WO99/37069)  
[30] EP (98200081.2) 1998-01-14

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[21] **2,318,199**  
[13] A1  
[51] **Int.Cl. 6C07D 513/04 6C07D 277/00 6C07D 285/00 6C07D 519/00 6C07D 513/14 6A61K 31/54**  
[25] EN  
[54] **PLATELET ADP RECEPTOR INHIBITORS**  
[54] **INHIBITEURS DES RECEPTEURS D'ADP DES PLAQUETTES**  
[72] JANTZEN, HANS-MICHAEL, US  
[72] LAIBELMAN, ALAN M., US  
[72] FRETTO, LARRY J., US  
[72] CONLEY, PAMELA B., US  
[72] SCARBOROUGH, ROBERT M., US  
[71] COR THERAPEUTICS, INC., US  
[85] 2000-07-14  
[86] 1999-01-08 (PCT/US99/00518)  
[87] 1999-07-22 (WO99/36425)  
[30] US (60/092,109) 1998-01-15  
[30] US (09/007,537) 1998-01-15

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[21] **2,318,200**  
[13] A1  
[51] **Int.Cl. 6F16L 55/28**  
[25] EN  
[54] **SURFACE-TRAVERSING VEHICLE**  
[54] **VEHICULE CAPABLE DE SE DEPLACER SUR UNE SURFACE**  
[72] APPLETON, ERNEST, GB  
[72] STUTCHBURY, NEIL WILLIAM, GB  
[71] UNIVERSITY OF DURHAM, GB  
[85] 2000-07-14  
[86] 1999-01-18 (PCT/GB99/00153)  
[87] 1999-07-22 (WO99/36724)  
[30] GB (9800905.3) 1998-01-17

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[21] **2,318,201**  
[13] A1  
[51] **Int.Cl. 6H01M 4/04 6H01M 2/16 6H01M 10/40**  
[25] EN  
[54] **METHODS FOR PREPARING ELECTROCHEMICAL CELLS USING SOLVENT EXTRACTION TECHNIQUES**  
[54] **PROCEDES D'OBTENTION D'ELEMENTS ELECTROCHIMIQUES A L'AIDE DE TECHNIQUES D'EXTRACTION DE SOLVANTS**  
[72] MITCHELL, PORTER H., US  
[71] VALENCE TECHNOLOGY, INC., US  
[85] 2000-07-14  
[86] 1999-03-03 (PCT/US99/04709)  
[87] 1999-09-10 (WO99/45604)  
[30] US (09/034,935) 1998-03-04

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[21] **2,318,204**  
[13] A1  
[51] **Int.Cl. 6G02F 1/035**  
[25] EN  
[54] **INTEGRATED OPTIC MODULATORS WITH HIGH GAIN BANDWIDTH PRODUCT**  
[54] **DISPOSITIF A MODULEURS OPTIQUES INTEGRES GAIN ELEVE EN LARGEUR DE BANDE**  
[72] MAHAPATRA, AMARESH, US  
[72] LI, HAI QING, US  
[72] HALLEMEIER, PETER F., US  
[71] RAMAR CORPORATION, US  
[85] 2000-07-14  
[86] 1999-02-11 (PCT/US99/03084)  
[87] 1999-08-26 (WO99/42887)  
[30] US (60/075,056) 1998-02-18

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[21] **2,318,205**  
[13] A1  
[51] **Int.Cl. 6B01F 13/02 6B65G 69/06 6B65G 53/38**  
[25] EN  
[54] **PREASSEMBLED FLUIDIZING DEVICE HAVING EXPANSIVE AIR PASSAGE**  
[54] **DISPOSITIF DE FLUIDISATION PREASSEMBLE PRESENTANT UN PASSAGE D'AIR DILATABLE**  
[72] SISK, DAVID E., US  
[71] SISK, DAVID E., US  
[85] 2000-07-14  
[86] 1998-02-02 (PCT/US98/01997)  
[87] 1999-07-22 (WO99/36166)  
[30] US (09/008,102) 1998-01-16

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[21] **2,318,208**  
[13] A1  
[51] **Int.Cl. 6C07D 211/46 6C07D 207/08 6C07D 207/12 6A61K 31/40 6A61K 31/445**  
[25] EN  
[54] **PIPERIDINE AND PYRROLIDINE DERIVATIVES COMPRISING A NITRIC OXIDE DONOR FOR TREATING STRESS**  
[54] **DERIVES DE PIPERIDINE ET DE PYRROLIDINE CONTENANT UN DONNEUR DE MONOXYDE D'AZOTE DESTINES AU TRAITEMENT DU STRESS**  
[72] AENGGARD, ERIK EMIL, GB  
[72] HAJ-YEHIA, ABDULLAH IBRAHIM, IL  
[71] AENGGARD, ERIK EMIL, GB  
[71] HAJ-YEHIA, ABDULLAH IBRAHIM, IL  
[85] 2000-07-20  
[86] 1999-01-22 (PCT/GB99/00231)  
[87] 1999-07-29 (WO99/37616)  
[30] GB (9801398.0) 1998-01-22

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[21] **2,318,209**  
[13] A1  
[51] **Int.Cl. 6B29C 70/00 6B32B 17/00**  
[25] EN  
[54] **METHOD OF MAKING A SHAPED COMPONENT**  
[54] **PROCEDE DE FABRICATION D'UN COMPOSANT PROFILE**  
[72] SYMONS, MICHAEL WINDSOR, ZA  
[71] WINDSOR TECHNOLOGIES LIMITED, BS  
[85] 2000-07-14  
[86] 1999-03-16 (PCT/GB99/00792)  
[87] 1999-09-23 (WO99/48170)  
[30] ZA (98/2191) 1998-03-16

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[21] **2,318,210**  
[13] A1  
[51] **Int.Cl. 6B63B 39/06**  
[25] EN  
[54] **STABILISING DEVICE FOR THE MOVEMENTS OF A SHIP**  
[54] **DISPOSITIF DE STABILISATION POUR MOUVEMENTS D'UN BATEAU**  
[72] NIGGEMANN, DIRK, DE  
[72] ESDERS, ULRICH, DE  
[71] SIEMENS AKTIENGESSELLCHAFT, DE  
[85] 2000-07-20  
[86] 1999-01-11 (PCT/DE99/00029)  
[87] 1999-07-29 (WO99/37533)  
[30] DE (198 02 354.5) 1998-01-22

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[21] **2,318,211**  
[13] A1

[51] **Int.Cl. 6B05B 7/24 6B05B 7/06 6B05B 7/08**  
[25] EN  
[54] **MODULAR SYSTEM FOR ATOMIZING A LIQUID AND METHOD OF ATOMIZING A LIQUID**  
[54] **SYSTEME MODULAIRE ET PROCEDE PERMETTANT DE PULVERISER UN LIQUIDE**  
[72] LEINEN, ROGER W., US  
[72] BLETTE, RUSSELL E., US  
[72] RUTA, CONSTANTIN I., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-07-14  
[86] 1998-06-11 (PCT/US98/12212)  
[87] 1999-08-05 (WO99/38619)  
[30] US (09/019,463) 1998-01-30

[21] **2,318,213**  
[13] A1

[51] **Int.Cl. 6G08B 13/14**  
[25] EN  
[54] **EAS MARKER WITH FLUX CONCENTRATORS ORIENTED TRANSVERSELY TO THE ELONGATED MAGNETIC WIRE**  
[54] **MARQUEUR ELECTRONIQUE DE SURVEILLANCE D'ARTICLES DOTE DE CONCENTRATEURS DE FLUX ORIENTES DE MANIERE TRANSVERSALE VERS LE FIL MAGNETIQUE ALLONGE**  
[72] MORIN, SYLVIE R., US  
[72] COFFEY, KEVIN R., US  
[72] HO, WING K., US  
[71] SENSORMATIC ELECTRONICS CORPORATION, US  
[85] 2000-07-20  
[86] 1998-12-21 (PCT/US98/27338)  
[87] 1999-08-05 (WO99/39314)  
[30] US (09/015,236) 1998-01-29

[21] **2,318,214**  
[13] A1

[51] **Int.Cl. 6B22F 1/00**  
[25] EN  
[54] **PROCESS OF PREPARING AN IRON-BASED POWDER IN A GAS-TIGHT FURNACE**  
[54] **PROCEDE DE PREPARATION D'UNE POUDRE A BASE DE FER DANS UN FOUR ETANCHE AUX GAZ**  
[72] ARVIDSSON, JOHAN, SE  
[72] ERIKSSON, OLA, SE  
[71] HOGANÄS AB, SE  
[85] 2000-07-20  
[86] 1999-01-21 (PCT/SE99/00093)  
[87] 1999-07-29 (WO99/37425)  
[30] SE (9800153-0) 1998-01-21

[21] **2,318,217**  
[13] A1

[51] **Int.Cl. 6F16J 3/00 6F16J 15/02 6F01D 5/20**  
[25] EN  
[54] **ELASTOMER SEAL FOR ADJUSTABLE SIDE LINERS OF PUMPS**  
[54] **JOINT D'ETANCHEITE ELASTOMERE POUR CHEMISES LATERALES REGLABLES DE POMPE**  
[72] HILL, THOMAS G., US  
[71] ENVIROTECH PUMPSYSTEMS, INC., US  
[85] 2000-07-14  
[86] 1999-02-02 (PCT/US99/02248)  
[87] 1999-08-19 (WO99/41530)  
[30] US (09/022,690) 1998-02-12

[21] **2,318,220**  
[13] A1

[51] **Int.Cl. 6F28D 19/04**  
[25] EN  
[54] **ROTARY REGENERATIVE HEAT EXCHANGER**  
[54] **ECHANGEUR DE CHALEUR REGENERATIF ROTATIF**  
[72] BROPHY, MARK E., US  
[71] ABB AIR PREHEATER, INC., US  
[85] 2000-07-14  
[86] 1998-09-03 (PCT/US98/18357)  
[87] 1999-08-19 (WO99/41562)  
[30] US (09/022,175) 1998-02-11

[21] **2,318,222**  
[13] A1

[51] **Int.Cl. 6B60P 7/02**  
[25] EN  
[54] **TONNEAU COVER SYSTEM**  
[54] **ENSEMBLE DE COUVERTURE D'ESPACE DE CHARGEMENT**  
[72] BROWER, GREGORY A., US  
[72] NINNESS, RAYMOND W., US  
[71] BESTOP INC., US  
[85] 2000-07-14  
[86] 1999-01-15 (PCT/US99/00868)  
[87] 1999-07-22 (WO99/36290)  
[30] US (60/071,662) 1998-01-16

[21] **2,318,223**  
[13] A1

[51] **Int.Cl. 6B60N 2/20 6B60N 2/30**  
[25] EN  
[54] **EASY ACCESS TUMBLE SEAT WITH INTEGRATED CHILD SEAT AND TUMBLE LOCKOUT WHEN CHILD SEAT IS DEPLOYED**  
[54] **SIEGE RABATTABLE POUR ACCES FACILE A SIEGE ENFANT INTEGRE ET VERROUILLAGE DU RABATTEMENT LORSQUE LE SIEGE ENFANT EST DEPLIE**  
[72] TAME, OMAR D., US  
[72] DINGEL, DOUGLAS A., US  
[71] MAGNA INTERIOR SYSTEMS INC., CA  
[85] 2000-07-14  
[86] 1999-02-10 (PCT/CA99/00086)  
[87] 1999-08-19 (WO99/41102)  
[30] US (60/074,306) 1998-02-11

[21] **2,318,225**  
[13] A1

[51] **Int.Cl. 6B65D 83/76**  
[25] EN  
[54] **DISPENSER WITH RECIPROCATING ACTION**  
[54] **DISTRIBUTEUR A MOUVEMENT ALTERNATIF**  
[72] APOLLONI, GIAMBATTISTA, IT  
[72] BRUN, GIANCARLO, IT  
[71] TECNOLOGIA S.A.S. DI VALENTINO BRAZZALE & C., IT  
[85] 2000-07-20  
[86] 1999-01-20 (PCT/IT99/00010)  
[87] 1999-07-22 (WO99/36333)  
[30] IT (BO98A000013) 1998-01-20

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,318,226</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 5/37</b> [25] EN [54] <b>DISPOSABLE CERVICAL CAP WITH A RESERVOIR FOR INCREASED FLUID FLOW</b> [54] <b>CAPE CERVICALE JETABLE A RESERVOIR POUR ECOULEMENT FLUIDE ACCRU</b> [72] LAVEAN, MICHAEL G., US [71] VEOS FRANCE EURL, FR [85] 2000-07-14 [86] 1998-01-15 (PCT/US98/00680) [87] 1999-07-22 (WO99/36006)</p>	<p style="text-align: right;">[21] <b>2,318,230</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04M 3/50 6H04M 7/00 6H04L 29/06</b> [25] EN [54] <b>CALL CENTRE</b> [54] <b>CENTRE D'APPELS</b> [72] WILLS, FENELA, GB [72] BEDDUS, SIMON ALEXANDER, GB [72] FISHER, DAVID MARK, GB [72] WELLS, DAVID, GB [71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB [85] 2000-07-20 [86] 1999-01-08 (PCT/GB99/00057) [87] 1999-08-12 (WO99/40712) [30] GB (9802547.1) 1998-02-05</p>	<p style="text-align: right;">[21] <b>2,318,233</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F28F 3/08 6F28F 7/00 6F28F 9/00</b> [25] EN [54] <b>FLAT PLATE HEAT EXCHANGER AND FLAT PLATE THEREFOR</b> [54] <b>ECHANGEUR DE CHALEUR A PLATEAUX PLATS ET PLATEAUX PLATS AFFERENTS</b> [72] SEIDEL, PESSACH, IL [71] SEIDEL, PESSACH, IL [85] 2000-07-14 [86] 1999-01-14 (PCT/IL99/00024) [87] 1999-07-22 (WO99/36741) [30] IL (122956) 1998-01-16</p>
<p style="text-align: right;">[21] <b>2,318,228</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 47/20 6B65D 47/08</b> [25] EN [54] <b>DISPENSING CLOSURE FOR PACKAGE CONTAINING A CONSUMABLE BEVERAGE</b> [54] <b>FERMETURE DE DISTRIBUTION POUR EMBALLAGE CONTENANT UNE BOISSON</b> [72] WOOD, CHRISTOPHER J., US [72] SOCIER, TIMOTHY R., US [72] BROWN, PAUL E., US [72] LAMPE, WILLIAM H., US [72] RANDALL, JEFFREY T., US [71] THE COCA-COLA COMPANY, US [71] APTARGROUP, INC., US [85] 2000-07-14 [86] 1999-01-21 (PCT/US99/01252) [87] 1999-07-29 (WO99/37552) [30] US (09/010074) 1998-01-21</p>	<p style="text-align: right;">[21] <b>2,318,231</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 51/10 6A61K 31/385 6A61K 47/48</b> [25] EN [54] <b>USE OF RADIOLABELED MONOCLONAL IGM IN THERAPY FOR CANCER AND AUTOIMMUNE DISEASE</b> [54] <b>IMMUNOGLOBULINE M MONOCLONALE RADIOMARQUEE DESTINEE AU TRAITEMENT DU CANCER ET D'UNE MALADIE AUTO-IMMUNE</b> [72] BORCHARDT, PAUL E., US [72] QUADRI, SYED M., US [72] VRIESENDORP, HUIBERT M., US [71] BORCHARDT, PAUL E., US [71] IQ CORPORATION, NL [71] QUADRI, SYED M., US [71] VRIESENDORP, HUIBERT M., US [85] 2000-07-14 [86] 1999-01-15 (PCT/US99/00857) [87] 1999-07-22 (WO99/36105) [30] US (09/008,620) 1998-01-16</p>	<p style="text-align: right;">[21] <b>2,318,234</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63C 17/06</b> [25] EN [54] <b>ROLLER SKATE WITH PIVOT MECHANISM</b> [54] <b>PATIN A ROUES EN LIGNE DOTE D'UN MECANISME DE PIVOTEMENT</b> [72] JACOBSSON, JENS E., SE [72] VAN EGERAAT, HENDRIK A., SE [71] PC VANE INC., US [85] 2000-07-20 [86] 1999-01-13 (PCT/SE99/00029) [87] 1999-07-22 (WO99/36138) [30] SE (9800094-6) 1998-01-16</p>
<p style="text-align: right;">[21] <b>2,318,229</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 5/24 6A46B 11/00 6B05C 17/01 6A61M 5/315 6A61M 5/32</b> [25] EN [54] <b>DEVICE OF THE MANUAL SYRINGE TYPE FOR PROPORTIONING AND DISPENSING FLUID OR PASTY PRODUCTS</b> [54] <b>DISPOSITIF DU GENRE SERINGUE POUR DOSER ET ADMINISTRER DES PRODUITS LIQUIDES OU PATEUX</b> [72] APOLLONI, GIAMBATTISTA, IT [72] BRUN, GIANCARLO, IT [71] TECNOLOGIA S.A.S. DI VALENTINO BRAZZALE &amp; C., IT [85] 2000-07-20 [86] 1999-01-20 (PCT/EP99/00357) [87] 1999-07-22 (WO99/36114) [30] IT (BO98A000012) 1998-01-20</p>	<p style="text-align: right;">[21] <b>2,318,232</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G11B 27/00 6G06F 17/30 6G11B 27/32</b> [25] EN [54] <b>AV/C COMMANDS</b> [54] <b>COMMANDES AV/C</b> [72] JAMES, DAVID V., US [71] SONY ELECTRONICS, INC., US [85] 2000-07-20 [86] 1999-03-12 (PCT/US99/05395) [87] 1999-09-23 (WO99/47996) [30] US (60/078,018) 1998-03-14 [30] US (09/267,150) 1999-03-11</p>	<p style="text-align: right;">[21] <b>2,318,235</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05B 37/02 6F21Q 3/00 6G02B 5/02 6G09G 3/32 6G03B 21/62</b> [25] EN [54] <b>OPTICAL SIGNALING OR DISPLAY DEVICE</b> [54] <b>DISPOSITIF OPTIQUE DE SIGNALISATION ET D'AFFICHAGE</b> [72] MERLATO, SANDRO, CH [72] FREI, ALBERT, CH [71] IMS INDUSTRIAL MICRO SYSTEMS AG, CH [85] 2000-07-14 [86] 1999-02-01 (PCT/CH99/00042) [87] 1999-08-12 (WO99/40459) [30] EP (98 810082.2) 1998-02-04</p>



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[21] **2,318,236**  
[13] A1

[51] **Int.Cl. 6A61K 31/715 6A61K 33/06 6A61K 9/28 6A23L 1/308 6A61K 9/48**  
[25] EN  
[54] **ORAL OIL SORBING COMPOSITION**  
[54] **COMPOSITION ORALE ABSORBANT L'HUILE**  
[72] WATTS, PETER JAMES, GB  
[72] DAVIS, STANLEY STEWART, GB  
[71] WEST PHARMACEUTICAL SERVICES DRUG DELIVERY & CLINICAL RESEARCH CENTRE LI, GB  
[85] 2000-07-14  
[86] 1999-01-15 (PCT/GB99/00024)  
[87] 1999-07-22 (WO99/36075)  
[30] GB (9800912.9) 1998-01-17

[21] **2,318,237**  
[13] A1

[51] **Int.Cl. 6A61K 31/435**  
[25] EN  
[54] **USE OF THIADIAZOLO-4,3-A|PYRIDINE DERIVATIVES**  
[54] **EMPLOI DE DERIVES DE THIADIAZOLO-PYRIDINE**  
[72] FRIEBE, WALTER-GUNAR, DE  
[72] WILHELMS, OTTO-HENNING, DE  
[72] SCHAUMANN, WOLFGANG, DE  
[71] ROCHE DIAGNOSTICS GMBH, DE  
[85] 2000-07-20  
[86] 1999-02-11 (PCT/EP99/00886)  
[87] 1999-08-26 (WO99/42089)  
[30] EP (98102675.0) 1998-02-17

[21] **2,318,248**  
[13] A1

[51] **Int.Cl. 6D01F 1/04 6D01F 2/14**  
[25] EN  
[54] **LUMINESCENT FIBRES, METHOD FOR PRODUCING SAME AND THEIR USE**  
[54] **FIBRES LUMINESCENTES, LEUR PROCEDE DE FABRICATION ET LEUR UTILISATION**  
[72] LANGHEIM, HERMANN, DE  
[72] SIGGEL, ALFRED, DE  
[72] POTRAWA, THOMAS, DE  
[71] RIEDEL-DE HAEN GMBH, DE  
[85] 2000-07-20  
[86] 1999-01-22 (PCT/EP99/00430)  
[87] 1999-07-29 (WO99/37836)  
[30] DE (198 02 588.2) 1998-01-23

[21] **2,318,250**  
[13] A1

[51] **Int.Cl. 6G01N 33/86 6C12Q 1/56**  
[25] EN  
[54] **IMPROVED BLOOD COAGULATION TEST**  
[54] **ESSAI DE COAGULATION SANGUINE AMELIORE**  
[72] EXNER, THOMAS, AU  
[71] GRADIPORE LIMITED, AU  
[85] 2000-07-20  
[86] 1999-02-01 (PCT/AU99/00069)  
[87] 1999-08-05 (WO99/39212)  
[30] AU (PP 1596) 1998-02-02

[21] **2,318,253**  
[13] A1

[51] **Int.Cl. 6H01M 8/04 6H01M 8/00 6H01M 8/10**  
[25] EN  
[54] **METHOD AND DEVICE FOR OPERATING A DIRECT METHANOL FUEL CELL WITH GASEOUS FUEL**  
[54] **PROCEDE ET DISPOSITIF POUR ACTIONNER UNE PILE A COMBUSTIBLE METHANOL DIRECTE AVEC UN COMBUSTIBLE GAZEUX**  
[72] HOHLEIN, BERND, DE  
[72] MENZER, REINHARD, DE  
[71] FORSCHUNGSZENTRUM JULICH GMBH, DE  
[85] 2000-07-20  
[86] 1999-01-19 (PCT/DE99/00155)  
[87] 1999-07-29 (WO99/38223)  
[30] DE (198 02 038.4) 1998-01-21

[21] **2,318,254**  
[13] A1

[51] **Int.Cl. 6F01N 1/08**  
[25] EN  
[54] **IMPROVED HIGH PERFORMANCE MUFFLER**  
[54] **SILENCIEUX AMELIORE A HAUTE PERFORMANCE**  
[72] BORNEBY, HANS, US  
[72] MAY, BRIAN ROBERT, US  
[72] GRAVES, MATTHEW, US  
[71] MAREMONT EXHAUST PRODUCTS, INC., US  
[85] 2000-07-14  
[86] 1999-01-15 (PCT/US99/00934)  
[87] 1999-07-22 (WO99/36680)  
[30] US (09/007,850) 1998-01-15

[21] **2,318,255**  
[13] A1

[51] **Int.Cl. 6G07C 5/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR VALIDATING VEHICLE OPERATORS**  
[54] **PROCEDE ET DISPOSITIF SERVANT A VALIDER DES CONDUCTEURS DE VEHICULE**  
[72] DOYLE, THOMAS F., US  
[72] SEGAL, MICHAEL L., US  
[72] CHESAVAGE, DAVID T., US  
[71] QUALCOMM INCORPORATED, US  
[85] 2000-07-21  
[86] 1999-01-21 (PCT/US99/01276)  
[87] 1999-07-29 (WO99/38124)  
[30] US (09/010,949) 1998-01-22

[21] **2,318,257**  
[13] A1

[51] **Int.Cl. 6A61K 9/28 6A61K 9/48**  
[25] EN  
[54] **NOVEL DOSAGE FORM**  
[54] **NOUVELLE FORME POSOLOGIQUE**  
[72] ILLUM, LISBETH, GB  
[72] WATTS, PETER JAMES, GB  
[71] WEST PHARMACEUTICAL SERVICES DRUG DELIVERY & CLINICAL RESEARCH CENTRE LI, GB  
[85] 2000-07-14  
[86] 1999-01-20 (PCT/GB99/00193)  
[87] 1999-07-29 (WO99/37290)  
[30] GB (9801363.4) 1998-01-22

[21] **2,318,264**  
[13] A1

[51] **Int.Cl. 6A61F 2/06**  
[25] EN  
[54] **TRANSMYOCARDIAL CORONARY ARTERY BYPASS AND REVASCULARIZATION**  
[54] **REVASCULARISATION ET PONTAGE AORTO-CORONARIEN TRANSMYOCARDIQUE**  
[72] WILK, PETER J., US  
[71] WILK PATENT DEVELOPMENT CORPORATION, US  
[85] 2000-07-20  
[86] 1999-01-12 (PCT/US99/00593)  
[87] 1999-08-05 (WO99/38459)  
[30] US (09/016485) 1998-01-30

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[21] **2,318,273**  
[13] A1  
[51] **Int.Cl. 6C03C 25/02 6C08K 7/14 6D04H 1/64**  
[25] EN  
[54] **COMPOUND FOR USE AS A MINERAL FIBRE BINDER AND PROCESS FOR PROVIDING SUCH**  
[54] **COMPOSE SERVANT DE LIANT DE FIBRES MINERALES ET SON PROCEDE DE PREPARATION**  
[72] HANSEN, ERLING LENNART, DK  
[72] HUSEMOEN, THOR, DK  
[72] STANSSENS, DIRK ARMAND WIM, BE  
[71] ROCKWOOL INTERNATIONAL A/S, DK  
[85] 2000-07-14  
[86] 1999-01-15 (PCT/NL99/00029)  
[87] 1999-07-22 (WO99/36368)  
[30] NL (1008041) 1998-01-16

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[21] **2,318,282**  
[13] A1  
[51] **Int.Cl. 6F03B 13/08 6F03B 11/06**  
[25] EN  
[54] **MACHINE, IN PARTICULAR ELECTRICAL MACHINE, IN PARTICULAR ENERGY CONVERTER FOR FLOWING FLUIDS AND GASES**  
[54] **MACHINE, EN PARTICULIER MACHINE ELECTRIQUE, SPECIFIQUEMENT CONVERTISSEUR ENERGETIQUE POUR L'ECOULEMENT DE FLUIDES ET DE GAZ**  
[72] VAN KAMPEN, WILLEM ANTOON, NL  
[71] HYDRORING B.V., NL  
[85] 2000-07-14  
[86] 1999-01-27 (PCT/NL99/00046)  
[87] 1999-07-29 (WO99/37912)  
[30] NL (1008135) 1998-01-27

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[21] **2,318,283**  
[13] A1  
[51] **Int.Cl. 6B65D 47/20**  
[25] EN  
[54] **CONSTANT-VOLUME DISPENSING COATING CONTAINER**  
[54] **RECIPIENT DE REVETEMENT A DISTRIBUTION EN VOLUME CONSTANT**  
[72] KAKUTA, YOSHIYUKI, JP  
[72] OKAJIMA, TAKAKO, JP  
[72] OGAWA, RIICHI, JP  
[72] SUZUKI, KENICHI, JP  
[71] TAISHO PHARMACEUTICAL CO., LTD., JP  
[71] YOSHINO KOGYOSHO CO., LTD., JP  
[85] 2000-07-14  
[86] 1999-01-20 (PCT/JP99/00185)  
[87] 1999-07-29 (WO99/37551)  
[30] JP (10-010922) 1998-01-23  
[30] JP (10-010923) 1998-01-23  
[30] JP (11-010007) 1999-01-19

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[21] **2,318,284**  
[13] A1  
[51] **Int.Cl. 6C07K 14/715 6C07K 16/30 6A61K 47/48**  
[25] EN  
[54] **ANTIBODY/RECEPTOR TARGETING MOIETY FOR ENHANCED DELIVERY OF ARMED LIGAND**  
[54] **FRACTION CIBLANT DES ANTICORPS/RECEPTEURS PERMETTANT D'AMELIORER L'ADMINISTRATION D'UN LIGAND ARME**  
[72] BURTON, JACK, US  
[72] GOLDENBERG, DAVID M., US  
[71] CENTER FOR MOLECULAR MEDICINE AND IMMUNOLOGY, US  
[85] 2000-07-14  
[86] 1999-01-14 (PCT/US99/00773)  
[87] 1999-07-22 (WO99/36437)  
[30] US (60/071,520) 1998-01-15

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[21] **2,318,285**  
[13] A1  
[51] **Int.Cl. 6G01K 3/04**  
[25] EN  
[54] **BARRIER MATERIALS AND PRODUCTS PRODUCED THEREWITH**  
[54] **MATERIAUX FORMANT BARRIERE ET PRODUITS CONSTITUES DE CES MATERIAUX**  
[72] MOULE, ROBERT, GB  
[72] MOULE, SIMON, GB  
[71] FOOD GUARDIAN LIMITED, GB  
[85] 2000-07-14  
[86] 1999-01-18 (PCT/GB99/00044)  
[87] 1999-07-22 (WO99/36755)  
[30] GB (9800814.7) 1998-01-16

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[21] **2,318,288**  
[13] A1  
[51] **Int.Cl. 6A61F 5/453**  
[25] EN  
[54] **TWO-PIECE EXTERNAL INCONTINENCE DEVICE**  
[54] **DISPOSITIF D'INCONTINENCE EXTERNE EN DEUX PARTIES**  
[72] KAY, DENNIS M., US  
[71] BIODERM, INC., US  
[85] 2000-07-14  
[86] 1999-01-15 (PCT/US99/00923)  
[87] 1999-07-22 (WO99/36009)  
[30] US (60/071,519) 1998-01-15

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[21] **2,318,289**  
[13] A1  
[51] **Int.Cl. 7E01F 9/017 7E01F 13/02 7E01F 9/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR WARNING INDIVIDUALS OF UNSAFE ZONES**  
[54] **PROCEDE ET APPAREIL AVERTISSANT DES INDIVIDUS DE LA PRESENCE DE ZONES DANGEREUSES**  
[72] STEWART, BRIAN G., US  
[71] JERVIS B. WEBB COMPANY, US  
[85] 2000-07-14  
[86] 1999-11-15 (PCT/US99/26001)  
[87] 2000-05-25 (WO00/29677)  
[30] US (09/192,292) 1998-11-16

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[21] **2,318,290**  
[13] A1  
[51] **Int.Cl. 6B32B 5/16 6B32B 9/00 6B32B 19/00 6C23C 14/00 6G11B 5/127 6C23C 14/32 6G11B 5/33 6G11B 5/66 6G11B 5/70**  
[25] EN  
[54] **A METAL FOIL DISK FOR HIGH AREAL DENSITY RECORDING IN ENVIRONMENTS OF HIGH MECHANICAL SHOCK**  
[54] **DISQUE A FEUILLE METALLIQUE POUR ENREGISTREMENT A HAUTE DENSITE EN BITS/POUCE2 DANS DES ENVIRONNEMENTS A CHOCS MECANQUES ELEVES**  
[72] NIGAM, ANIL, US  
[72] WHITE, JAMES W., US  
[71] FLEXTOR, INC., US  
[85] 2000-07-14  
[86] 1999-01-14 (PCT/US99/00792)  
[87] 1999-07-22 (WO99/36255)  
[30] US (09/007,452) 1998-01-15

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[21] **2,318,291**  
[13] A1  
[51] **Int.Cl. 6B01L 3/02**  
[25] EN  
[54] **APPARATUS FOR DISPENSING A PREDETERMINED VOLUME OF A LIQUID**  
[54] **APPAREIL PERMETTANT DE DELIVRER UNE QUANTITE PREDETERMINEE DE LIQUIDE**  
[72] BACKES, MONICA, GB  
[72] CORLESS, ANTHONY ROBERT, GB  
[72] SHAW, JOHN EDWARD ANDREW, GB  
[72] SIBBALD, ALASTAIR, GB  
[71] CENTRAL RESEARCH LABORATORIES LIMITED, GB  
[85] 2000-07-14  
[86] 1999-01-18 (PCT/GB99/00163)  
[87] 1999-07-22 (WO99/36176)  
[30] GB (9800933.5) 1998-01-17

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[21] **2,318,292**  
[13] A1  
[51] **Int.Cl. 6H04R 7/06 6H04R 7/10**  
[25] EN  
[54] **ACTIVE ACOUSTIC DEVICES COMPRISING PANEL MEMBERS**  
[54] **DISPOSITIFS ACOUSTIQUES ACTIFS A PANNEAU**  
[72] HILL, NICHOLAS PATRICK ROLAND, GB  
[72] BANK, GRAHAM, GB  
[72] COLLOMS, MARTIN, GB  
[72] AZIMA, HENRY, GB  
[72] AZIMA, FARAD, GB  
[71] NEW TRANSDUCERS LIMITED, GB  
[85] 2000-07-14  
[86] 1999-01-15 (PCT/GB99/00143)  
[87] 1999-07-22 (WO99/37121)  
[30] GB (9801057.2) 1998-01-20  
[30] GB (9801054.9) 1998-01-20  
[30] GB (9811100.8) 1998-05-23  
[30] GB (9813293.9) 1998-06-20

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[21] **2,318,293**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/32 6H04M 1/00**  
[25] EN  
[54] **METHOD FOR TERMINAL ASSISTED MENU PRESENTATION OF ADDED VALUE SERVICES IN MOBILE COMMUNICATION SYSTEMS**  
[54] **PROCEDE DE PRESENTATION ASSISTE PAR TERMINAL D'UN MENU CONCERNANT DES SERVICES A VALEUR AJOUTEE DANS DES SYSTEMES DE COMMUNICATION MOBILES**  
[72] SASSE, ANDREAS, DE  
[71] DETEMOBIL DEUTSCHE TELEKOM MIBILNET GMBH, DE  
[85] 2000-07-14  
[86] 1999-01-15 (PCT/DE99/00076)  
[87] 1999-07-22 (WO99/37107)  
[30] DE (198 01 576.3) 1998-01-19

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[21] **2,318,294**  
[13] A1  
[51] **Int.Cl. 6C09D 5/03**  
[25] EN  
[54] **POWDER COATING COMPOSITION**  
[54] **COMPOSITION DE REVETEMENT EN POUDRE**  
[72] LUCARELLI, MICHAEL A., US  
[72] FLUCK, DAVID J., US  
[72] SOULE, LEE C., US  
[71] CABOT CORPORATION, US  
[85] 2000-07-14  
[86] 1999-01-15 (PCT/US99/00897)  
[87] 1999-07-22 (WO99/36481)  
[30] US (60/071,609) 1998-01-16

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[21] **2,318,304**  
[13] A1  
[51] **Int.Cl. 7C03C 17/36**  
[25] FR  
[54] **VITRAGE MUNI D'UN EMPLEMENT DE COUCHES BAS-EMISSIF**  
[54] **GLAZING PROVIDED WITH A LOW EMISSIVE STACK OF LAYERS**  
[72] SCHINDLER, HERBERT, DE  
[72] KAISER, WILFRIED, DE  
[72] SCHICHT, HEINZ, DE  
[72] SCHMIDT, UWE, DE  
[71] SAINT-GOBAIN VITRAGE, FR  
[85] 2000-07-06  
[86] 1999-11-10 (PCT/FR99/02764)  
[87] 2000-05-25 (WO00/29347)  
[30] DE (198 52 358.0) 1998-11-13

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[21] **2,318,306**  
[13] A1  
[51] **Int.Cl. 6C07H 1/08 6C12N 15/10 6C12Q 1/68**  
[25] EN  
[54] **ISOLATION OF NUCLEIC ACIDS**  
[54] **ISOLEMENT D'ACIDES NUCLEIQUES**  
[72] BAKER, MATTHEW JOHN, GB  
[71] DNA RESEARCH INSTRUMENTS LIMITED, GB  
[85] 2000-05-30  
[86] 1998-12-04 (PCT/GB98/03602)  
[87] 1999-06-17 (WO99/29703)  
[30] GB (9725839.6) 1997-12-06  
[30] GB (9815541.9) 1998-07-17

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<p style="text-align: right;">[21] <b>2,318,308</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/13</b> [25] FR [54] <b>COMPOSITION DE TEINTURE D'OXYDATION DES FIBRES KERATINIQUES CONTENANT UNE LACCASE ET PROCEDE DE TEINTURE METTANT EN OEUVRE CETTE COMPOSITION</b> [54] <b>KERATINOUS FIBRE OXIDATION DYEING COMPOSITIONS CONTAINING A LACCASE AND DYEING METHOD USING SAME</b> [72] COTTERET, JEAN, FR [72] LANG, GERARD, FR [71] L'OREAL, FR [85] 2000-07-10 [86] 1998-12-21 (PCT/FR98/02807) [87] 1999-07-22 (WO99/36037) [30] FR (98/00255) 1998-01-13</p>	<p style="text-align: right;">[21] <b>2,318,320</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/13</b> [25] FR [54] <b>COMPOSITION DE TEINTURE D'OXYDATION DES FIBRES KERATINIQUES CONTENANT UNE LACCASE ET PROCEDE DE TEINTURE METTANT EN OEUVRE CETTE COMPOSITION</b> [54] <b>KERATINOUS FIBRE OXIDATION DYEING COMPOSITION CONTAINING A LACCASE AND DYEING METHOD USING SAME</b> [72] COTTERET, JEAN, FR [72] LANG, GERARD, FR [71] L'OREAL, FR [85] 2000-07-10 [86] 1998-12-22 (PCT/FR98/02834) [87] 1999-07-22 (WO99/36042) [30] FR (98/00256) 1998-01-13</p>	<p style="text-align: right;">[21] <b>2,318,322</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/13</b> [25] FR [54] <b>COMPOSITION DE TEINTURE D'OXYDATION DES FIBRES KERATINIQUES CONTENANT UNE LACCASE ET PROCEDE DE TEINTURE METTANT EN OEUVRE CETTE COMPOSITION</b> [54] <b>KERATINOUS FIBRE OXIDATION DYEING COMPOSITION CONTAINING A LACCASE AND DYEING METHOD USING SAME</b> [72] COTTERET, JEAN, FR [72] LANG, GERARD, FR [71] L'OREAL, FR [85] 2000-07-10 [86] 1998-12-22 (PCT/FR98/02831) [87] 1999-07-22 (WO99/36039) [30] FR (98/00258) 1998-01-13</p>
<p style="text-align: right;">[21] <b>2,318,319</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/13</b> [25] FR [54] <b>COMPOSITION DE TEINTURE D'OXYDATION DES FIBRES KERATINIQUES CONTENANT UNE LACCASE ET PROCEDE DE TEINTURE METTANT EN OEUVRE CETTE COMPOSITION</b> [54] <b>KERATINOUS FIBRE OXIDATION DYEING COMPOSITION CONTAINING A LACCASE AND DYEING METHOD USING SAME</b> [72] LANG, GERARD, FR [72] COTTERET, JEAN, FR [71] L'OREAL, FR [85] 2000-07-10 [86] 1998-12-22 (PCT/FR98/02833) [87] 1999-07-22 (WO99/36041) [30] FR (98/00257) 1998-01-13</p>	<p style="text-align: right;">[21] <b>2,318,321</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/13</b> [25] FR [54] <b>COMPOSITION TINCTORIALE CONTENANT UNE LACCASE ET PROCEDES DE TEINTURE DES FIBRES KERATINIQUES LA METTANT EN OEUVRE</b> [54] <b>DYEING COMPOSITION CONTAINING A LACCASE AND KERATINOUS FIBRE DYEING METHODS USING SAME</b> [72] LANG, GERARD, FR [72] COTTERET, JEAN, FR [71] L'OREAL, FR [85] 2000-07-10 [86] 1998-12-18 (PCT/FR98/02794) [87] 1999-07-22 (WO99/36035) [30] FR (98/00254) 1998-01-13</p>	<p style="text-align: right;">[21] <b>2,318,323</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E21B 43/12</b> [25] EN [54] <b>METHOD AND APPARATUS FOR SELECTIVE INJECTION OR FLOW CONTROL WITH THROUGH-TUBING OPERATION CAPACITY</b> [54] <b>PROCEDE ET DISPOSITIF D'INJECTION SELECTIVE OU DE REGULATION D'ECOULEMENT PRESENTANT UNE CAPACITE DE PASSAGE D'OUTILS ALLONGES</b> [72] PRINGLE, RONALD E., US [72] MORRIS, ARTHUR J., US [71] CAMCO INTERNATIONAL, INC., US [85] 2000-07-13 [86] 1999-11-16 (PCT/US99/27181) [87] 2000-05-25 (WO00/29708) [30] US (60/108,810) 1998-11-17</p>

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[21] **2,318,326**  
[13] A1

[51] **Int.Cl. 6C07H 15/04 6C08B 37/00 6A61K 31/70**  
[25] FR  
[54] **NOUVEAUX PENTASACCHARIDES, PROCEDES POUR LEURS PREPARATIONS ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**  
[54] **NEW PENTASACCHARIDES, THEIR METHODS OF PRODUCTION AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME**  
[72] PETITOU, MAURICE, FR  
[71] AKZO NOBEL N.V., NL  
[71] SANOFI-SYNTHELABO, FR  
[85] 2000-07-11  
[86] 1999-01-13 (PCT/FR99/00045)  
[87] 1999-07-22 (WO99/36428)  
[30] FR (98/00514) 1998-01-19

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[21] **2,318,327**  
[13] A1

[51] **Int.Cl. 6B60C 15/06**  
[25] FR  
[54] **BOURRELET DE PNEUMATIQUE AVEC ELEMENTS DE RENFORT CIRCONFERENCELS**  
[54] **TYRE BEAD WITH CIRCUMFERENTIAL REINFORCING ELEMENTS**  
[72] AUXERRE, PASCAL, FR  
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN - MICHELIN & CIE, FR  
[85] 2000-07-11  
[86] 1998-12-16 (PCT/EP98/08262)  
[87] 1999-07-15 (WO99/34990)  
[30] FR (98/00293) 1998-01-12

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[21] **2,318,328**  
[13] A1

[51] **Int.Cl. 6A61K 7/13**  
[25] FR  
[54] **COMPOSITION DE TEINTURE D'OXYDATION DES FIBRES KERATINIQUES CONTENANT UNE LACCASE ET PROCEDE DE TEINTURE METTANT EN OEUVRE CETTE COMPOSITION**  
[54] **KERATINOUS FIBRE OXIDATION DYEING COMPOSITION CONTAINING A LACCASE AND DYEING METHOD USING SAME**  
[72] COTTERET, JEAN, FR  
[72] LANG, GERARD, FR  
[71] L'OREAL, FR  
[85] 2000-07-11  
[86] 1998-12-22 (PCT/FR98/02832)  
[87] 1999-07-22 (WO99/36040)  
[30] FR (98/00259) 1998-01-13

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[21] **2,318,329**  
[13] A1

[51] **Int.Cl. 6A61K 7/13**  
[25] FR  
[54] **COMPOSITION DE TEINTURE D'OXYDATION DES FIBRES KERATINIQUES CONTENANT UNE LACCASE ET PROCEDE DE TEINTURE METTANT EN OEUVRE CETTE COMPOSITION**  
[54] **KERATINOUS FIBRE OXIDATION DYEING COMPOSITION CONTAINING A LACCASE AND DYEING METHOD USING SAME**  
[72] COTTERET, JEAN, FR  
[72] LANG, GERARD, FR  
[71] L'OREAL, FR  
[85] 2000-07-11  
[86] 1998-12-22 (PCT/FR98/02830)  
[87] 1999-07-22 (WO99/36038)  
[30] FR (98/00260) 1998-01-13

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[21] **2,318,330**  
[13] A1

[51] **Int.Cl. 6G06F 17/50 6G01R 31/26**  
[25] EN  
[54] **METHOD AND SYSTEM FOR IMPROVING A TRANSISTOR MODEL**  
[54] **PROCEDE ET SYSTEME D'AMELIORATION D'UN MODELE DE TRANSISTOR**  
[72] JACOBSON, LARS-PETER, SE  
[72] SJODIN, HAKAN, SE  
[72] EKLUND, ANDERS, SE  
[72] HJELMGREN, HANS, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-05-31  
[86] 1998-10-13 (PCT/SE98/01844)  
[87] 1999-06-10 (WO99/28833)  
[30] SE (9704465-5) 1997-12-01

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[21] **2,318,331**  
[13] A1

[51] **Int.Cl. 6A01N 43/90 6A01N 25/00 6A01N 63/00 6A01N 63/02**  
[25] EN  
[54] **USE OF MACROLIDES IN PEST CONTROL**  
[54] **UTILISATION DE MACROLIDES DANS LA LUTTE CONTRE LES PARASITES**  
[72] HALL, ROGER GRAHAM, CH  
[72] ANGST, MAX, CH  
[72] BRANDL, FRANZ, DE  
[72] LEE, BRUCE, DE  
[72] HOFER, DIETER, CH  
[72] SUTTER, MARIUS, CH  
[71] NOVARTIS AG, CH  
[85] 2000-06-13  
[86] 1998-12-21 (PCT/EP98/08384)  
[87] 1999-07-08 (WO99/33343)  
[30] CH (2960/97) 1997-12-23  
[30] CH (2961/97) 1997-12-23  
[30] CH (79/98) 1998-01-16  
[30] CH (84/98) 1998-01-16  
[30] CH (86/98) 1998-01-16  
[30] CH (418/98) 1998-02-22

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[21] **2,318,342**  
[13] A1

[51] **Int.Cl. 7H04L 12/54**  
[25] EN  
[54] **DATA TRANSMITTING DEVICE AND METHOD IN MOBILE COMMUNICATION SYSTEM**  
[54] **DISPOSITIF ET PROCEDE DE TRANSMISSION DE DONNEES DANS UN SYSTEME DE COMMUNICATIONS MOBILES**  
[72] LEE, HYUN-SEOK, KR  
[72] KIM, DAE-GYUN, KR  
[72] CHANG, HOON, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2000-06-22  
[86] 1999-12-02 (PCT/KR99/00727)  
[87] 2000-06-08 (WO00/33515)  
[30] KR (53335/1998) 1998-12-02

[21] **2,318,344**  
[13] A1

[51] **Int.Cl. 7A61M 39/06**  
[25] EN  
[54] **AXIALLY ACTIVATED HEMOSTASIS VALVE WITH LUMEN SIZE SELECTION**  
[54] **SOUPAPE HEMOSTATIQUE ACTIONNEE AXIALEMENT A DIAMETRE SELECTIF DE LA LUMIERE**  
[72] ALBERT, KATHRYN M., US  
[72] LAMSON, THEODORE C., US  
[72] WEST, RONALD L., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2000-06-22  
[86] 1999-10-25 (PCT/US99/25010)  
[87] 2000-05-04 (WO00/24453)  
[30] US (60/105,384) 1998-10-23  
[30] US (09/425,466) 1999-10-22

[21] **2,318,345**  
[13] A1

[51] **Int.Cl. 6A61K 7/42 6A61K 7/44**  
[25] EN  
[54] **COMPOSITION WITH HIGH EFFICIENCY SKIN PROTECTION FROM DAMAGING EFFECTS OF ULTRAVIOLET LIGHT**  
[54] **COMPOSITION HAUTEMENT EFFICACE POUR PROTEGER LA PEAU CONTRE LES EFFETS NUISIBLES DU RAYONNEMENT ULTRAVIOLET**  
[72] GREENE, JAMES A., US  
[72] SIDDIQUI, MUKHTAR, US  
[72] ROBERTS, RICHARD L., US  
[71] SHAKLEE CORPORATION, US  
[85] 2000-06-22  
[86] 1998-12-22 (PCT/US98/27433)  
[87] 1999-07-08 (WO99/33439)  
[30] US (08/998,238) 1997-12-24  
[30] US (09/113,815) 1998-07-10

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[13] A1

[51] **Int.Cl. 6C07J 41/00 6A61K 31/565 6A61K 31/57 6A61K 31/575**  
[25] EN  
[54] **ESTRONE SULFAMATE INHIBITORS OF ESTRONE SULFATASE, AND ASSOCIATED PHARMACEUTICAL COMPOSITIONS AND METHODS OF USE**  
[54] **OESTRONE SULFAMATE INHIBANT L'OESTRONE SULFATASE, COMPOSITIONS PHARMACEUTIQUES ASSOCIEES ET METHODES D'UTILISATION**  
[72] SHIGENO, KAZUHIKO, JP  
[72] CHAO, WAN-RU, US  
[72] TANABE, MASATO, US  
[72] PETERS, RICHARD H., US  
[71] SRI INTERNATIONAL, US  
[85] 2000-06-22  
[86] 1998-12-21 (PCT/US98/27333)  
[87] 1999-07-08 (WO99/33858)  
[30] US (08/997,416) 1997-12-24

[21] **2,318,351**  
[13] A1

[51] **Int.Cl. 6C07D 211/26 6C07D 401/04 6C07D 401/06 6C07D 401/14 6A61K 31/495 6A61K 31/505**  
[25] EN  
[54] **AROMATIC COMPOUNDS HAVING CYCLIC AMINO OR SALTS THEREOF**  
[54] **COMPOSES AROMATIQUES PRESENTANT DES GROUPEMENTS AMINO CYCLIQUES OU LEUR SELS**  
[72] NISHIDA, HIDEMITSU, JP  
[72] HOSAKA, YOSHITAKA, JP  
[72] MUKAIHIRA, TAKAFUMI, JP  
[72] MATSUSUE, TOMOKAZU, JP  
[72] MIYAZAKI, YUTAKA, JP  
[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP  
[85] 2000-06-22  
[86] 1998-12-28 (PCT/JP98/06002)  
[87] 1999-07-08 (WO99/33805)  
[30] JP (9-367538) 1997-12-26  
[30] JP (10-311491) 1998-10-30

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[13] A1

[51] **Int.Cl. 6A61K 38/16 6A61K 39/00 6C07K 14/00 6A61K 38/28 6C07K 14/435 6C07K 14/62**  
[25] EN  
[54] **CHIMERIC PROTEINS FOR THE TREATMENT OF DIABETES**  
[54] **PROTEINES CHIMERES POUR LE TRAITEMENT DU DIABETE**  
[72] MUELLER, JOHN P., US  
[72] MATIS, LOUIS A., US  
[72] WANG, YI, US  
[71] MUELLER, JOHN P., US  
[71] MATIS, LOUIS A., US  
[71] ALEXION PHARMACEUTICALS, INC., US  
[85] 2000-06-22  
[86] 1998-12-23 (PCT/US98/27408)  
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[13] A1  
[51] **Int.Cl. 6A61B 5/117 6H05B 33/12 6G06K 9/20**  
[25] FR  
[54] **DISPOSITIF DE PRISE D'EMPREINTES DIGITALES**  
[54] **FINGERPRINTING DEVICE**  
[72] POURCELOT, PIERRE, FR  
[72] LEHOMME, FRANCIS, FR  
[72] HALLIBERT, PASCAL, FR  
[72] SCHMITT, BERNARD, FR  
[71] SAGEM S.A., FR  
[85] 2000-07-14  
[86] 1999-01-20 (PCT/FR99/00104)  
[87] 1999-07-29 (WO99/37209)  
[30] FR (98/00658) 1998-01-22  
[30] FR (99/00026) 1999-01-05

[21] **2,318,364**  
[13] A1  
[51] **Int.Cl. 6B29B 17/02 6B03B 9/06**  
[25] FR  
[54] **PROCEDE ET INSTALLATION POUR SEPARER TOUTES CATEGORIES DE MATERIAUX POLYMERES**  
[54] **METHOD AND INSTALLATION FOR SEPARATING ALL CATEGORIES OF POLYMER MATERIALS**  
[72] DE FERAUDY, HUGUES, FR  
[71] GALLOO PLASTICS (S.A.), FR  
[85] 2000-07-14  
[86] 1999-01-22 (PCT/FR99/00136)  
[87] 1999-07-29 (WO99/37452)  
[30] FR (98/00874) 1998-01-22

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[13] A1  
[51] **Int.Cl. 6C07D 499/865 6C07D 501/04**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF .ALPHA.-OXOLACTAMS**  
[54] **PROCEDE DE PREPARATION D'ALPHA-OXOLACTAMES**  
[72] RAO, AKIREDDY SRINIVASA, US  
[72] BUYNAC, JOHN D., US  
[71] RESEARCH CORPORATION TECHNOLOGIES, INC., US  
[85] 2000-06-27  
[86] 1998-12-29 (PCT/US98/27636)  
[87] 1999-07-08 (WO99/33837)  
[30] US (60/068,927) 1997-12-29

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[13] A1  
[51] **Int.Cl. 6F25D 25/02**  
[25] FR  
[54] **TABLETTE POUR LE SUPPORT D'ARTICLES, EN PARTICULIER DANS DES INSTALLATIONS REFRIGEREES**  
[54] **SHELF FOR HOLDING ARTICLES, ESPECIALLY IN REFRIGERATION UNITS**  
[72] BORGNA, FLAVIO, IT  
[71] SAINT-GOBAIN VITRAGE, FR  
[85] 2000-07-17  
[86] 1998-01-27 (PCT/FR98/00148)  
[87] 1999-07-29 (WO99/37961)

[21] **2,318,373**  
[13] A1  
[51] **Int.Cl. 7F02K 1/72**  
[25] FR  
[54] **INVERSEUR DE POUSSEE DE TURBOREACTEUR A GRILLES SUPERPOSABLES**  
[54] **THRUST REVERSER WITH TURNING VANES CAPABLE OF BEING SUPERPOSED**  
[72] SCHREIBER, LAURENT CLAUDE JACQUES, FR  
[72] LECORDIX, JEAN LOIC, FR  
[71] SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "SNEC, FR  
[85] 2000-07-17  
[86] 1999-11-25 (PCT/FR99/02904)  
[87] 2000-06-02 (WO00/31401)  
[30] FR (98/14885) 1998-11-26

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[13] A1  
[51] **Int.Cl. 6H04N 5/262**  
[25] EN  
[54] **METHOD AND SYSTEM FOR COMBINING VIDEO SEQUENCES WITH SPACIO-TEMPORAL ALIGNMENT**  
[54] **PROCEDES ET SYSTEMES DE COMBINAISON DE SEQUENCES VIDEO A ALIGNEMENT SPATIO-TEMPOREL**  
[72] AYER, SERGE, CH  
[72] VETTERLI, MARTIN, CH  
[71] ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL), CH  
[85] 2000-07-10  
[86] 1999-01-15 (PCT/IB99/00173)  
[87] 1999-07-22 (WO99/37088)  
[30] US (09/013,772) 1998-01-16

[21] **2,318,378**  
[13] A1  
[51] **Int.Cl. 7G10K 11/34 7G01S 5/14 7G01N 29/26 7G01S 5/30**  
[25] FR  
[54] **TRANSDUCTEUR ULTRASONORE DE CONTACT, A ELEMENTS MULTIPLES**  
[54] **MULTIELEMENT ULTRASONIC CONTACT TRANSDUCER**  
[72] JOISEL, ALAIN, FR  
[72] CHATILLON, SYLVAIN, FR  
[72] BOLOMEY, JEAN-CHARLES, FR  
[72] CATTIAUX, GERARD, FR  
[72] SERRE, MARC, FR  
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR  
[85] 2000-07-17  
[86] 1999-11-25 (PCT/FR99/02912)  
[87] 2000-06-08 (WO00/33292)  
[30] FR (98/14971) 1998-11-27

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[13] A1  
[51] **Int.Cl. 6C07C 233/18 6C07D 219/00 6C07D 219/02 6C07D 219/04 6C07D 335/08 6C07D 335/10 6C07D 335/12 6A61K 31/165 6C07C 275/24 6C07C 275/26 6A61K 31/335 6A61K 31/38 6A61K 31/395 6C07D 209/58 6C07C 233/60 6C07D 333/74 6C07D 333/76 6C07D 333/78 6C07D 209/80 6C07D 311/80 6C07D 311/82 6C07D 307/91 6C07D 307/92 6C07D 307/93**  
[25] FR  
[54] **NOUVEAUX COMPOSES TRICYCLIQUES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**  
[54] **NOVEL TRICYCLIC COMPOUNDS, PREPARATION METHOD AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME**  
[72] JELLMANN, CAROLE, FR  
[72] MATHE-ALLAINMAT, MONIQUE, FR  
[72] LANGLOIS, MICHEL, FR  
[72] ANDRIEUX, JEAN, FR  
[72] DELAGRANGE, PHILIPPE, FR  
[72] RENARD, PIERRE, FR  
[72] BENNEJEAN, CAROLINE, FR  
[71] ADIR ET COMPAGNIE, FR  
[85] 2000-07-17  
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[51] **Int.Cl. 6C11D 3/50 6C11D 17/00**  
[25] FR  
[54] **GRANULES DISPERSABLES DANS L'EAU COMPRENANT UN PARFUM DANS UNE MATRICE HYDROSOLUBLE OU HYDRODISPERSABLE ET LEUR PROCEDE DE PREPARATION**  
[54] **WATER DISPERSIBLE GRANULATES COMPRISING A PERFUME IN A WATER SOLUBLE OR WATER DISPERSIBLE MATRIX AND PREPARATION METHOD**  
[72] MORVAN, MIKEL, FR  
[72] JOUBERT, DANIEL, FR  
[72] GUERIN, GILLES, FR  
[71] RHODIA CHIMIE, FR  
[85] 2000-07-17  
[86] 1999-01-22 (PCT/FR99/00132)  
[87] 1999-08-05 (WO99/38945)  
[30] FR (98/01157) 1998-02-02

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[13] A1

[51] **Int.Cl. 6A41H 43/00 6D06H 7/00**  
[25] FR  
[54] **UTILISATION D'UNE FEUILLE PAPETIERE PERMEABLE A L'AIR COMME ELEMENT SUPPORT D'UN EMPILEMENT D'ETOFFES**  
[54] **USE OF AN AIR PERMEABLE PAPER SHEET AS SUPPORT ELEMENT FOR A LAYER OF FABRICS**  
[72] GUILLAUMOT, CHRISTOPHE, FR  
[72] BIGOT, DIDIER, FR  
[71] AHLSTROM LYSTIL S.A., FR  
[85] 2000-07-18  
[86] 1999-01-20 (PCT/FR99/00115)  
[87] 1999-08-19 (WO99/40809)  
[30] FR (98/01986) 1998-02-13

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[21] **2,318,385**  
[13] A1

[51] **Int.Cl. 6B21D 7/02 6B21D 7/12**  
[25] FR  
[54] **MACHINE A CINTRER LES TUBES ET SON DISPOSITIF A BARILLET**  
[54] **TUBE BENDING MACHINE AND MAGAZINE DEVICE THEREOF**  
[72] CAPPELLO, SERGE, FR  
[72] BRUYAS, JEAN-PAUL, FR  
[72] CHASTAN, JEAN-PAUL, FR  
[71] SILFAX S.A.R.L., FR  
[85] 2000-07-18  
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[30] FR (98/01315) 1998-01-30

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[51] **Int.Cl. 6F03D 7/04 6F03D 11/00**  
[25] EN  
[54] **METHOD FOR MEASURING AND CONTROLLING OSCILLATIONS IN A WIND TURBINE**  
[54] **PROCEDE DE MESURE ET DE LIMITATION DES OSCILLATIONS DANS UNE EOLIENNE**  
[72] GARNAES, SVEND, DK  
[71] DANCONTROL ENGINEERING A/S, DK  
[85] 2000-07-10  
[86] 1999-01-14 (PCT/DK99/00020)  
[87] 1999-07-22 (WO99/36695)  
[30] DK (0046/98) 1998-01-14

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[13] A1

[51] **Int.Cl. 6D21H 17/70 6D21C 9/00 6D21C 5/02 6C01F 11/18**  
[25] FR  
[54] **PROCEDE DE SYNTHESE DE CARBONATE DE CALCIUM, PRODUIT OBTENU**  
[54] **CALCIUM CARBONATE SYNTHESIS METHOD AND RESULTING PRODUCT**  
[72] RICHARD, CHRISTIAN, FR  
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR  
[85] 2000-07-18  
[86] 1999-02-18 (PCT/FR99/00366)  
[87] 1999-08-26 (WO99/42657)  
[30] FR (98/02097) 1998-02-20  
[30] FR (98/02096) 1998-02-20

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[13] A1

[51] **Int.Cl. 6B21F 23/00 6B21F 3/02**  
[25] EN  
[54] **SPRING WINDING AUTOMATIC MACHINE**  
[54] **MACHINE AUTOMATIQUE POUR ENROULER LES RESSORTS**  
[72] HRESC, STEFAN, HR  
[71] SPINTEX AG, CH  
[85] 2000-07-10  
[86] 1999-01-08 (PCT/EP99/00071)  
[87] 1999-07-15 (WO99/34943)  
[30] DE (198 00 671.3) 1998-01-10

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[13] A1

[51] **Int.Cl. 6C22C 21/12 6B65D 83/14**  
[25] FR  
[54] **ALLIAGE D'ALUMINIUM POUR BOITIER D'AEROSOL**  
[54] **ALUMINIUM ALLOY FOR AEROSOL HOUSING**  
[72] HOFFMANN, JEAN-LUC, FR  
[72] JUPIN, ALAIN, FR  
[71] CEBAL S.A., FR  
[85] 2000-07-19  
[86] 1999-01-20 (PCT/FR99/00106)  
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[30] FR (98/00869) 1998-01-22

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[13] A1

[51] **Int.Cl. 6G01V 3/08**  
[25] EN  
[54] **ELECTROMAGNETIC LOGGING TOOL WITH REFLECTOR FOR DIRECTIONAL SENSING**  
[54] **INSTRUMENT DE DIAGRAPHE ELECTROMAGNETIQUE DES PUITTS, DOTE D'UN REFLECTEUR POUR LA MESURE DIRECTIONNELLE**  
[72] SINCLAIR, PAUL L., US  
[71] SINCLAIR, PAUL L., US  
[85] 2000-07-10  
[86] 1999-01-08 (PCT/US99/00502)  
[87] 1999-07-15 (WO99/35515)  
[30] US (09/005,068) 1998-01-09

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[13] A1

[51] **Int.Cl. 6C25D 3/56 6C25D 7/08 6C25D 5/50**  
[25] EN  
[54] **ARTICLES HAVING A COLORED METALLIC COATING WITH SPECIAL PROPERTIES**  
[54] **ARTICLES A REVETEMENT METALLIQUE COLORE PRESENTANT DES PROPRIETES SPECIALES**  
[72] LEVINSON, LEONID, IL  
[71] NICKEL RAINBOW LTD., IL  
[85] 2000-07-10  
[86] 1999-01-13 (PCT/IL99/00022)  
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[30] IL (122928) 1998-01-13

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## PCT Applications Entering the National Phase

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<p>[21] <b>2,318,396</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04M 1/274</b> [25] EN [54] <b>METHOD AND APPARATUS FOR AUTOMATIC TELEPHONE AREA CODE DIALING</b> [54] <b>PROCEDE ET DISPOSITIF DE COMPOSITION AUTOMATIQUE DES INDICATIFS TELEPHONIQUES REGIONAUX</b> [72] MCINTOSH, P. STUCKEY, US [71] HOME WIRELESS NETWORKS, INC., US [85] 2000-07-12 [86] 1999-01-27 (PCT/US99/01724) [87] 1999-08-05 (WO99/39489) [30] US (09/017,002) 1998-02-02</p>	<p>[21] <b>2,318,400</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G09B 5/14 6G09B 7/04 6H04N 7/14</b> [25] EN [54] <b>METHOD FOR CREATING A FLEXIBLE AND EFFICIENT DISTRIBUTED EDUCATIONAL SYSTEM, IN A COMPUTER ENVIRONMENT, WITH THE POSSIBILITY TO PROTECT INSTRUCTIONS AND DATA</b> [54] <b>PROCEDE SERVANT A CREER UN SYSTEME EDUCATIF DISTRIBUE SOUPLE ET EFFICACE DANS UN ENVIRONNEMENT INFORMATIQUE ET PRESENTANT LA POSSIBILITE DE PROTEGER DES INSTRUCTIONS ET DES DONNEES</b> [72] LOHSE, JESPER, DK [71] LOHSE, JESPER, DK [85] 2000-07-10 [86] 1999-01-21 (PCT/DK99/00029) [87] 1999-07-29 (WO99/38139) [30] DK (0073/98) 1998-01-21</p>	<p>[21] <b>2,318,406</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04H 1/00</b> [25] EN [54] <b>METHOD AND SYSTEM FOR TRANSMITTING AUDIO DATA TOGETHER WITH OTHER DATA, COMPRISING ADDRESSING DATA, TO A RECEIVER</b> [54] <b>PROCEDE ET SYSTEME PERMETTANT D'ENVOYER A UN RECEPTEUR DES DONNEES AUDIO AINSI QUE D'AUTRES DONNEES COMPRENANT DES DONNEES D'ADRESSAGE</b> [72] JOHNSON, NICHOLAS DOUGALL, GB [71] TTP COMMUNICATIONS LIMITED, GB [85] 2000-07-13 [86] 1999-02-18 (PCT/GB99/00514) [87] 1999-08-26 (WO99/43109) [30] GB (9803623.9) 1998-02-20</p>
<p>[21] <b>2,318,397</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A41B 9/02</b> [25] EN [54] <b>DISPOSABLE TRUNKS TYPE SHORTS AND PRODUCTION METHOD THEREFOR</b> [54] <b>CALECONS-SLIPS DU TYPE JETABLE ET LEUR PROCEDE DE PRODUCTION</b> [72] MATSUSHITA, MICHIO, JP [72] MYOGA, AKIRA, JP [72] MURAKAMI, MASAKI, JP [71] UNI-CHARM CORPORATION, JP [85] 2000-07-10 [86] 1999-11-12 (PCT/JP99/06334) [87] 2000-05-25 (WO00/28845) [30] JP (10-322586) 1998-11-12</p>	<p>[21] <b>2,318,407</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04R 25/00</b> [25] EN [54] <b>AUDIO SIGNAL PROCESSORS</b> [54] <b>PROCESSEURS DE SIGNAUX AUDIO</b> [72] GERMANOVIX, WALTER, BR [72] TOUMAZOU, CHRISTOFER, GB [72] O'NEILL, GRAHAM, GB [71] IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY &amp; MEDICINE, GB [85] 2000-07-07 [86] 1999-01-08 (PCT/GB99/00055) [87] 1999-07-15 (WO99/35882) [30] GB (9800585.3) 1998-01-12 [30] GB (9816351.2) 1998-07-27</p>	

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[13] A1

[51] **Int.Cl. 6C22C 38/18 6C22C 38/60**  
[25] EN  
[54] **FREE-MACHINING MARTENSITIC STAINLESS STEEL**  
[54] **ACIER INOXYDABLE MARTENSITIQUE DE DECOLLETAGE**  
[72] KOSA, THEODORE, US  
[71] CRS HOLDINGS, INC., US  
[85] 2000-07-12  
[86] 1999-01-12 (PCT/US99/00611)  
[87] 1999-07-22 (WO99/36584)  
[30] US (09/008,264) 1998-01-16

[21] **2,318,409**  
[13] A1

[51] **Int.Cl. 6B65B 11/58 6B65B 25/14**  
[25] EN  
[54] **METHOD AND APPARATUS FOR WRAPPING OF PAPER AND BOARD ROLLS INTO A PACKAGE WRAPPING**  
[54] **PROCEDE ET APPAREIL POUR EMBALLER DES ROULEAUX DE PAPIER ET DE CARTON DANS UN EMBALLAGE UNITAIRE**  
[72] RUOHIO, RAIMO, FI  
[72] FORSSTROM, RISTO, FI  
[72] OJALA, PERTTI, FI  
[71] VALMET CORPORATION, FI  
[85] 2000-07-12  
[86] 1998-09-01 (PCT/FI98/00683)  
[87] 1999-07-22 (WO99/36318)  
[30] FI (980093) 1998-01-16

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

[51] **Int.Cl. 6A61M 1/00 6A61M 39/00**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR PROCESSING AND STORING PLACENTA/UMBILICAL CORD BLOOD**  
[54] **PROCEDES ET SYSTEMES DE TRAITEMENT ET DE STOCKAGE DU SANG PLACENTAIRE OU OMBILICAL**  
[72] WOLF, LUDWIG JR., US  
[71] BAXTER INTERNATIONAL INC., US  
[85] 2000-07-12  
[86] 1999-01-13 (PCT/US99/00702)  
[87] 1999-07-22 (WO99/36109)  
[30] US (09/009,479) 1998-01-20

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[13] A1

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[54] **DATA ENTRY SYSTEM**  
[54] **SYSTEME DE SAISIE DE DONNEES**  
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[72] WILLNER, MICHAEL A., US  
[71] WILNEL, INC., US  
[85] 2000-07-12  
[86] 1998-09-10 (PCT/US98/18165)  
[87] 1999-04-01 (WO99/15951)  
[30] US (08/934,648) 1997-09-22

[21] **2,318,412**  
[13] A1

[51] **Int.Cl. 7C07D 213/73**  
[25] EN  
[54] **SYNTHESIS OF 3-AMINO-2-CHLORO-4-METHYLPYRIDINE FROM ACETONE AND ETHYL CYANOACETATE**  
[54] **SYNTHESE DE 3-AMINO-2-CHLORO-4-METHYLPYRIDINE A PARTIR DE L'ACETONE ET DU CYANOACETATE D'ETHYLE**  
[72] GROZINGER, KARL G., US  
[71] BOEHRINGER INGELHEIM PHARMACEUTICALS, INC., US  
[85] 2000-07-12  
[86] 2000-01-06 (PCT/US00/00261)  
[87] 2000-07-27 (WO00/43364)  
[30] US (60/116,703) 1999-01-22

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[13] A1

[51] **Int.Cl. 6H04L 12/46 6H04L 12/18**  
[25] EN  
[54] **VIRTUAL LOCAL AREA NETWORK WITH MULTICAST PROTECTION**  
[54] **RESEAU LOCAL VIRTUEL DOTE D'UNE PROTECTION MULTIDESTINATAIRE**  
[72] RIHSINGHANI, ANIL G., US  
[71] CABLETRON SYSTEMS, INC., US  
[85] 2000-07-12  
[86] 1999-01-13 (PCT/US99/00147)  
[87] 1999-07-22 (WO99/37061)  
[30] US (09/006,629) 1998-01-13

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[13] A1

[51] **Int.Cl. 7C03B 37/027**  
[25] EN  
[54] **OPTICAL FIBER PREFORM MANUFACTURING APPARATUS AND METHOD FOR SHRINKAGE AND CLOSING OF DEPOSITED TUBE**  
[54] **APPAREIL DE FABRICATION DE PREFORMES POUR FIBRES OPTIQUES ET PROCEDE DE RETRECISSEMENT ET D'OBTURATION D'UN TUBE TRAITÉ PAR DEPOT**  
[72] SEO, MAN-SEOK, KR  
[72] OH, SUNG-KOOG, KR  
[72] YANG, JIN-SEONG, KR  
[72] DO, MUN-HYUN, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2000-07-12  
[86] 1999-11-17 (PCT/KR99/00692)  
[87] 2000-06-15 (WO00/34195)  
[30] KR (1998/54193) 1998-12-10

[21] **2,318,415**  
[13] A1

[51] **Int.Cl. 6H04J 3/24 6H04K 1/00 6H04N 7/10 6H04N 7/12 6H04L 9/18 6H04N 7/52 6H04L 12/56**  
[25] EN  
[54] **VIDEO PROGRAM BEARING TRANSPORT STREAM REMULTIPLEXER**  
[54] **REMULTIPLIXEUR DE FLUX DE TRANSPORT SUPPORTANT UN PROGRAMME VIDEO**  
[72] SLATTERY, WILLIAM, US  
[72] ROBINETT, ROBERT, US  
[72] GRATACAP, REGIS, US  
[71] SKYSTREAM CORPORATION, US  
[85] 2000-07-07  
[86] 1999-01-07 (PCT/US99/00360)  
[87] 1999-07-22 (WO99/37048)  
[30] US (09/007,211) 1998-01-14  
[30] US (09/007,212) 1998-01-14  
[30] US (09/007,334) 1998-01-14  
[30] US (09/007,203) 1998-01-14  
[30] US (09/007,204) 1998-01-14  
[30] US (09/007,210) 1998-01-14  
[30] US (09/006,963) 1998-01-14  
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[30] US (09/007,198) 1998-01-14  
[30] US (09/007,199) 1998-01-14

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[25] EN  
[54] **LIPASE INHIBITING POLYMERS**  
[54] **POLYMERES INHIBITEURS DE LIPASE**  
[72] GARIGAPATI, VENKATA R., US  
[72] BOIE, MOLLY KATE, US  
[72] MANDEVILLE, W., HARRY III, US  
[71] GELTEX PHARMACEUTICALS, INC., US  
[85] 2000-07-07  
[86] 1999-01-06 (PCT/US99/00195)  
[87] 1999-07-15 (WO99/34786)  
[30] US (09/005,379) 1998-01-09  
[30] US (09/166,510) 1998-10-05

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[13] A1

[51] **Int.Cl. 6A61K 31/785 6A61K 31/765 6A61K 31/78**  
[25] EN  
[54] **FAT-BINDING POLYMERS**  
[54] **POLYMERES FIXANT LA GRAISSE**  
[72] MANDEVILLE, W., HARRY III, US  
[72] WHITESIDES, GEORGE M., US  
[72] HOLMES-FARLEY, STEPHEN RANDALL, US  
[71] GELTEX PHARMACEUTICALS, INC., US  
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[87] 1999-07-15 (WO99/34787)  
[30] US (09/004,963) 1998-01-09  
[30] US (09/166,453) 1998-10-05

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[13] A1

[51] **Int.Cl. 6C07D 209/34**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF 3-METHYL-2-OXOINDOLINE**  
[54] **PROCEDE DE PREPARATION DE 3-METHYL-2-OXOINDOLINE**  
[72] HIGASHIKAWA, TETSURO, JP  
[72] KONDO, HISAO, JP  
[71] MEDICAL INFORMATION SERVICES, INC., JP  
[85] 2000-07-07  
[86] 1999-01-08 (PCT/JP99/00026)  
[87] 1999-07-22 (WO99/36401)  
[30] JP (10/6806) 1998-01-16

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[13] A1

[51] **Int.Cl. 6G07D 5/08 6G07F 3/02**  
[25] EN  
[54] **DISCRIMINATOR FOR BIMETALLIC COINS**  
[54] **DISCRIMINATEUR POUR PIECES BIMETALLIQUES**  
[72] HOWELLS, GEOFFREY, GB  
[71] SCAN COIN INDUSTRIES AB, SE  
[85] 2000-07-12  
[86] 1999-01-26 (PCT/SE99/00103)  
[87] 1999-08-05 (WO99/39311)  
[30] SE (9800284-3) 1998-01-30

[21] **2,318,420**  
[13] A1

[51] **Int.Cl. 6B32B 27/42 6E04C 2/20 6B32B 5/24 6E04C 2/24**  
[25] EN  
[54] **LAMINATE OF PHENOLIC RESIN FOAM**  
[54] **STRATIFIE EN MOUSSE DE RESINE PHENOLIQUE**  
[72] WATANABE, TAKAYASU, JP  
[71] ASAHI KASEI KOGYO KABUSHIKI KAISHA, JP  
[85] 2000-07-07  
[86] 1999-01-06 (PCT/JP99/00024)  
[87] 1999-07-15 (WO99/34975)  
[30] JP (HEI. 10-001744) 1998-01-07

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[13] A1

[51] **Int.Cl. 6A61K 47/26**  
[25] EN  
[54] **DISINTEGRATING AGENT**  
[54] **AGENT DE DESINTEGRATION**  
[72] MURAKAMI, TOSHIO, JP  
[72] SAKURAI, HIROYUKI, JP  
[72] II, NORITAKA, JP  
[71] DAIICHI PHARMACEUTICAL CO., LTD., JP  
[85] 2000-07-12  
[86] 1999-01-13 (PCT/JP99/00083)  
[87] 1999-07-22 (WO99/36097)  
[30] JP (10/5610) 1998-01-14

[21] **2,318,422**  
[13] A1

[51] **Int.Cl. 7C22C 19/00**  
[25] EN  
[54] **HYDROGEN STORAGE MATERIAL AND PROCESS FOR PRODUCING THE SAME**  
[54] **ALLIAGE DE STOCKAGE D'HYDROGENE ET PROCEDE DE PREPARATION DE CET ALLIAGE**  
[72] SAKAGUCHI, YOSHIKI, JP  
[72] UCHIYAMA, AKIRA, JP  
[72] MUKAI, DAISUKE, JP  
[72] KIKUGAWA, SHINGO, JP  
[72] YASUDA, KIYOTAKA, JP  
[71] MITSUI MINING & SMELTING COMPANY, LTD., JP  
[85] 2000-07-07  
[86] 1999-12-13 (PCT/JP99/06988)  
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[30] JP (10/356058) 1998-12-15  
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[13] A1

[51] **Int.Cl. 6G02B 6/16**  
[25] EN  
[54] **LOW SLOPE DISPERSION MANAGED WAVEGUIDE**  
[54] **GUIDE D'ONDE GERE EN DISPERSION FAIBLE PENTE**  
[72] LIU, YANMING, US  
[71] CORNING INCORPORATED, US  
[85] 2000-07-12  
[86] 1999-02-17 (PCT/US99/03403)  
[87] 1999-08-26 (WO99/42869)  
[30] US (60/075,754) 1998-02-23

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[13] A1

[51] **Int.Cl. 6A61L 9/015 6A61L 9/01**  
[25] EN  
[54] **USE OF ODORANTS TO ALTER VAGINAL BLOOD FLOW, AND ARTICLE OF MANUFACTURE THEREFOR**  
[54] **UTILISATION D'AGENTS ODORANTS POUR MODIFIER LE DEBIT SANGUIN DANS LE VAGIN ET ARTICLE MANUFACTURE DESTINE A CET EFFET**  
[72] HIRSCH, ALAN R., US  
[71] HIRSCH, ALAN R., US  
[85] 2000-07-07  
[86] 1998-12-15 (PCT/US98/26651)  
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[51] **Int.Cl. 6G02B 5/124 6G02B 5/128 6G02B 5/18**  
[25] EN  
[54] **MODULATING RETROREFLECTIVE ARTICLE**  
[54] **ARTICLE A RETROREFLEXION MODULABLE**  
[72] DREYER, JOHN F., US  
[72] FLEMING, MADELEINE B., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-07-12  
[86] 1998-06-03 (PCT/US98/09523)  
[87] 1999-08-12 (WO99/40462)  
[30] US (09/019108) 1998-02-05

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[13] A1  
[51] **Int.Cl. 6C09J 7/02 6B32B 7/06**  
[25] EN  
[54] **ROLL STABILIZING RELEASE LINER**  
[54] **DOUBLURE ANTIADHESIVE DE STABILISATION DE ROULEAU**  
[72] ZOLLER, PANU K., US  
[72] HENNEN, EUGENE G., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-07-12  
[86] 1999-01-11 (PCT/US99/00583)  
[87] 1999-08-05 (WO99/38930)  
[30] US (09/017,389) 1998-02-02

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[13] A1  
[51] **Int.Cl. 6F01N 3/28**  
[25] EN  
[54] **CATALYTIC CONVERTER SUPPORT DEVICE**  
[54] **DISPOSITIF SERVANT A SUPPORTER UN CONVERTISSEUR CATALYTIQUE**  
[72] HARDING, RAYMOND C., US  
[71] METEX MANUFACTURING CORPORATION, US  
[85] 2000-07-12  
[86] 1998-12-18 (PCT/US98/26900)  
[87] 1999-07-22 (WO99/36683)  
[30] US (09/007,132) 1998-01-14

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[13] A1  
[51] **Int.Cl. 6G02B 5/124**  
[25] EN  
[54] **RETROREFLECTORS HAVING TWO OPTICAL SURFACES AND VARYING RETROREFLECTIVITY**  
[54] **RETROREFLECTEURS A DEUX SURFACE OPTIQUES ET A RETROREFLECTIVITE VARIABLE**  
[72] FLEMING, MADELEINE B., US  
[72] DREYER, JOHN F., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-07-12  
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[30] US (09/019,113) 1998-02-05

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[13] A1  
[51] **Int.Cl. 7G11B 15/67 7G11B 23/107 7G11B 15/675**  
[25] EN  
[54] **STORAGE SYSTEM INCLUDING A STORAGE DEVICE AND A STORAGE CONTAINER AND POSITIONING MEANS FOR POSITIONING THE STORAGE CONTAINER IN THE STORAGE DEVICE**  
[54] **SYSTEME DE STOCKAGE COMPRENANT UN DISPOSITIF DE STOCKAGE ET UN RECIPIENT DE STOCKAGE AINSI QUE MOYEN DE POSITIONNEMENT DESTINE A POSITIONNER LE RECIPIENT DE STOCKAGE DANS LE DISPOSITIF DE STOCKAGE**  
[72] KLETZL, FRANZ, AT  
[72] RUYTEN, HENRICUS, AT  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2000-07-12  
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[13] A1  
[51] **Int.Cl. 6C08L 69/00 6C08K 3/00 6C08K 5/523**  
[25] EN  
[54] **FLAME-RESISTANT POLYCARBONATE ABS MOULDING COMPOUNDS**  
[54] **MATIERES MOULEES IGNIFUGEES, CONSTITUEES DE POLYCARBONATE ET D'ABS**  
[72] JANKE, NIKOLAUS, DE  
[72] ECKEL, THOMAS, DE  
[72] ZOBEL, MICHAEL, DE  
[72] WITTMANN, DIETER, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-07-12  
[86] 1999-01-05 (PCT/EP99/00024)  
[87] 1999-07-22 (WO99/36474)  
[30] DE (198 01 198.9) 1998-01-15

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[13] A1  
[51] **Int.Cl. 6H05K 9/00**  
[25] EN  
[54] **EMI SHIELDED VENT PANEL AND METHOD**  
[54] **PANNEAU DE VENTILATION BLINDE CONTRE LES INTERFERENCES ELECTROMAGNETIQUES ET PROCEDE ASSOCIE**  
[72] MITCHELL, JONATHAN E., US  
[72] ANDERSEN, CHARLENE, US  
[71] PARKER-HANNIFIN CORPORATION, US  
[85] 2000-07-13  
[86] 1999-02-03 (PCT/US99/02368)  
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[30] US (60/074,929) 1998-02-17

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[13] A1  
[51] **Int.Cl. 6B65D 85/02 6B65D 85/82**  
[25] EN  
[54] **SHIPPING CONTAINER AND METHOD**  
[54] **EMBALLAGE DE TRANSPORT ET PROCEDE AFFERENT**  
[72] JOHNSTON, BARRY E., US  
[72] GARRETH, RALPH H., US  
[71] EXAKT TECHNOLOGIES, INC., US  
[85] 2000-07-13  
[86] 1999-01-21 (PCT/US99/01408)  
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[30] US (09/010,661) 1998-01-22

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[13] A1

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[25] EN  
[54] **VIRTUAL BEARER CHANNEL PLATFORM FOR PROCESSING SERVICE REQUESTS RECEIVED IN THE FORM OF CHANNEL DATA**  
[54] **PLATE-FORME A CANAUX SUPPORTS VIRTUELS PERMETTANT DE TRAITER DES DEMANDES DE SERVICE RECUES SOUS LA FORME DE DONNEES DE CANAUX**  
[72] SHERMAN, FREDERICK A., US  
[72] BOND, DUKE, US  
[72] MORGAN, TIMOTHY A., US  
[72] LEONARD, ROBERT GARY, US  
[72] DENDI, RANGA R., US  
[71] MCI WORLDCOM, INC., US  
[85] 2000-07-05  
[86] 1999-01-06 (PCT/US99/00275)  
[87] 1999-07-15 (WO99/35773)  
[30] US (09/004,153) 1998-01-07

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[13] A1

[51] **Int.Cl. 6C07K 14/745 6C07K 14/75**  
[25] EN  
[54] **PURIFICATION OF FIBRINOGEN**  
[54] **PURIFICATION DU FIBRINOGENE**  
[72] DEMARIA, GRACE, AU  
[72] MARTINELLI, TERESA, AU  
[72] GOSS, NEIL, AU  
[72] KANELLOS, JERRY, AU  
[71] CSL LIMITED, AU  
[85] 2000-07-13  
[86] 1999-01-25 (PCT/AU99/00050)  
[87] 1999-07-29 (WO99/37680)  
[30] AU (PP 1481) 1998-01-23  
[30] AU (PP 1829) 1998-02-13

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[13] A1

[51] **Int.Cl. 6B05D 1/36 6B05D 7/14**  
[25] EN  
[54] **PROCESS FOR IMPROVING THE CORROSION RESISTANCE OF A METAL SURFACE**  
[54] **PROCEDE AMELIORANT LA RESISTANCE A LA CORROSION D'UNE SURFACE METALLIQUE**  
[72] YANAGI, MUTSUMI, JP  
[72] HONDA, TAKUMI, JP  
[71] HENKEL CORPORATION, US  
[85] 2000-07-13  
[86] 1999-01-13 (PCT/US99/00377)  
[87] 1999-07-22 (WO99/36192)  
[30] JP (10/6078) 1998-01-14

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[13] A1

[51] **Int.Cl. 6G11B 23/28 6G06F 13/00 6H04L 9/00 6G06F 13/14**  
[25] EN  
[54] **ELECTRONIC BOOKSHELF WITH MULTI-USER FEATURES**  
[54] **RAYON DE BIBLIOTHEQUE ELECTRONIQUE A UTILISATEURS MULTIPLES**  
[72] VELLANDI, HENRY P., US  
[71] NETLIBRARY, INC., US  
[85] 2000-07-13  
[86] 1998-11-24 (PCT/US98/25066)  
[87] 1999-07-22 (WO99/36917)  
[30] US (09/006,815) 1998-01-14

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[13] A1

[51] **Int.Cl. 6A61K 31/445 6A61K 9/16 6A61K 9/22 6A61K 9/48**  
[25] EN  
[54] **EXTENDED RELEASE TIAGABINE FORMULATIONS WITH REDUCED SIDE-EFFECTS**  
[54] **FORMULATIONS DE TIAGABINE A LIBERATION PROLONGEE ENTRAINANT MOINS D'EFFETS SECONDAIRES**  
[72] SLADE, RUSSELL T., US  
[72] ALVAREZ, FRANCISCO J., DE  
[72] BROWN, DAVID M., US  
[72] APFELBAUM, KATHLEEN M., US  
[72] GUSTAVSON, LINDA E., US  
[71] ABBOTT LABORATORIES, US  
[85] 2000-07-13  
[86] 1999-01-22 (PCT/US99/01242)  
[87] 1999-07-29 (WO99/37302)  
[30] US (60/072,130) 1998-01-22

[21] **2,318,451**  
[13] A1

[51] **Int.Cl. 6A61B 17/04**  
[25] EN  
[54] **A SUTURE TIGHTENING DEVICE FOR CLOSING WOUNDS AND A METHOD FOR ITS USE**  
[54] **DISPOSITIF POUR SERRER DES SUTURES AFIN DE FERMER DES PLAIES ET SON PROCEDE D'UTILISATION**  
[72] WEISS, JERRY, IL  
[71] WISEBANDS LTD., IL  
[85] 2000-07-13  
[86] 1999-01-18 (PCT/IL99/00031)  
[87] 1999-07-22 (WO99/35974)  
[30] IL (122994) 1998-01-19

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[13] A1

[51] **Int.Cl. 6G01V 1/28 6G01V 1/30**  
[25] EN  
[54] **METHOD OF PRESTACK 3-D MIGRATION**  
[54] **PROCEDE DE MIGRATION 3-D AVANT LA GESTION EN PILES**  
[72] ETGEN, JOHN T., US  
[71] BP AMOCO CORPORATION, US  
[85] 2000-07-13  
[86] 1998-10-15 (PCT/US98/21760)  
[87] 1999-07-22 (WO99/36800)  
[30] US (09/007,977) 1998-01-16

[21] **2,318,457**  
[13] A1

[51] **Int.Cl. 6C07C 251/22**  
[25] EN  
[54] **PREPARATION OF N-PHENYL-BENZOQUINONEIMINE FROM HYDROXYDIPHENYLAMINES**  
[54] **PREPARATION DE N-PHENYL-BENZOQUINONEIMINE A PARTIR D'HYDROXYDIPHENYLAMINES**  
[72] STERN, MICHAEL K., US  
[72] LODAYA, JAYANT S., US  
[72] FIELDS, DONALD L., JR., US  
[71] FLEXSYS AMERICA L.P., US  
[85] 2000-07-13  
[86] 1999-01-14 (PCT/IB99/00424)  
[87] 1999-07-22 (WO99/36395)  
[30] US (60/071,690) 1998-01-16  
[30] US (09/264,989) 1998-12-23

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[13] A1

[51] **Int.Cl. 6G01N 33/558 6G01N 33/569 6G01N 33/571 6G01N 33/576**  
[25] EN  
[54] **NEUTRALIZATION OF POLYCATIONS IN A CHROMATOGRAPHIC DEVICE FOR WHOLE BLOOD USE**  
[54] **NEUTRALISATION DE POLYCATIONS DANS UN DISPOSITIF CHROMATOGRAPHIQUE S'UTILISANT AVEC DES ECHANTILLONS DE SANG TOTAL**  
[72] YOSHIMURA, TORU, JP  
[72] OGASAWARA, TOSHIHIRO, JP  
[72] GROFF, JOHN P., US  
[72] SAITO, MICHIIHIRO, JP  
[71] ABBOTT LABORATORIES, US  
[85] 2000-07-13  
[86] 1998-12-29 (PCT/US98/27802)  
[87] 1999-07-22 (WO99/36781)  
[30] US (09/007,651) 1998-01-15

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[13] A1

[51] **Int.Cl. 6B32B 27/08 6C08J 5/18**  
[25] FR  
[54] **FILM POUR L'ENVELOPPEMENT D'OBJETS**  
[54] **FILM FOR WRAPPING OBJECTS**  
[72] MEILHON, DANIEL, FR  
[71] SOPLARIL S.A., FR  
[85] 2000-07-13  
[86] 1999-01-18 (PCT/FR99/00086)  
[87] 1999-08-05 (WO99/38685)  
[30] FR (98/00983) 1998-01-29

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[13] A1

[51] **Int.Cl. 6C12Q 1/04 6C12Q 1/37**  
[25] FR  
[54] **DERIVES D'INDOLAMINE DANS LA DETECTION DE PEPTIDASES DE MICRO-ORGANISMES**  
[54] **USE OF INDOLAMINE DERIVATIVES FOR DETECTING MICRO-ORGANISM PEPTIDASE**  
[72] ORENGA, SYLVAIN, FR  
[71] BIO MERIEUX, FR  
[85] 2000-07-13  
[86] 1999-01-28 (PCT/FR99/00166)  
[87] 1999-08-05 (WO99/38995)  
[30] FR (98/00917) 1998-01-28

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[21] **2,318,462**  
[13] A1

[51] **Int.Cl. 6H04L 12/46**  
[25] EN  
[54] **PROGRAMMABLE GATEWAY FOR A VIRTUAL BEARER CHANNEL PLATFORM**  
[54] **PASSERELLE PROGRAMMABLE POUR UNE PLATE-FORME DE VOIE PORTEUSE VIRTUELLE**  
[72] BOND, DUKE, US  
[72] DENDI, RANGA R., US  
[72] LEONARD, ROBERT GARY, US  
[72] SHERMAN, FREDERICK A., US  
[72] MORGAN, TIMOTHY A., US  
[71] MCI WORLDCOM, INC., US  
[85] 2000-07-05  
[86] 1999-01-06 (PCT/US99/00125)  
[87] 1999-07-15 (WO99/35803)  
[30] US (09/003,977) 1998-01-07

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[21] **2,318,463**  
[13] A1

[51] **Int.Cl. 6H04J 3/16 6H04Q 11/00**  
[25] EN  
[54] **RESOURCE MANAGER FOR A VIRTUAL BEARER CHANNEL PLATFORM**  
[54] **GESTIONNAIRE DE RESSOURCES POUR PLATE-FORME A CANAUX SUPPORTS VIRTUELS**  
[72] LEONARD, ROBERT GARY, US  
[72] BOND, DUKE, US  
[72] MORGAN, TIMOTHY A., US  
[72] SHERMAN, FREDERICK A., US  
[72] DENDI, RANGA R., US  
[71] MCI WORLDCOM, INC., US  
[85] 2000-07-05  
[86] 1999-01-06 (PCT/US99/00273)  
[87] 1999-07-15 (WO99/35774)  
[30] US (09/004,157) 1998-01-07

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[21] **2,318,464**  
[13] A1

[51] **Int.Cl. 7B65G 1/02**  
[25] EN  
[54] **RACK WITH TREE ATTACHMENT**  
[54] **DISPOSITIF DE RANGEMENT AVEC ATTACHE A ONGLETS**  
[72] KAUTZ, ALLEN B., US  
[72] GRUBER, ROBERT D., US  
[71] INTERLAKE MATERIAL HANDLING, INC., US  
[85] 2000-07-05  
[86] 1999-10-20 (PCT/US99/24553)  
[87] 2000-05-18 (WO00/27733)  
[30] US (09/187,777) 1998-11-06

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[21] **2,318,465**  
[13] A1

[51] **Int.Cl. 6B60R 3/02**  
[25] EN  
[54] **MODULAR POWER STEP**  
[54] **MARCHEPIED MODULAIRE MOTORISE**  
[72] PASCOE, DAVID MARK, CA  
[72] WATSON, BRAD E., CA  
[71] DECOMA INTERNATIONAL INC., CA  
[85] 2000-07-05  
[86] 1999-01-19 (PCT/CA99/00023)  
[87] 1999-07-29 (WO99/37505)  
[30] US (60/071,838) 1998-01-20

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[21] **2,318,466**  
[13] A1

[51] **Int.Cl. 6F16L 51/02 6F16L 27/12**  
[25] EN  
[54] **A CONTRACTIBLE JOINT DEVICE FOR METAL CONDUIT**  
[54] **DISPOSITIF A JOINT DE DILATATION POUR CONDUIT METALLIQUE**  
[72] LI, XIA, CN  
[72] RUI, YOUREN, CN  
[72] YANG, JIYAO, CN  
[72] OU, SHAMEN, CN  
[72] LI, ZHU, CN  
[72] ZHAO, XIJIN, CN  
[72] LOU, CHICHENG, CN  
[72] LI, XUEQIN, CN  
[72] JIN, JIESHENG, CN  
[72] LIAO, ZIHAN, CN  
[72] ZHOU, YUSHI, CN  
[72] LI, XIAOHONG, CN  
[72] DENG, JIANMIN, CN  
[72] LIU, YUEFANG, CN  
[72] LI, GENGWU, CN  
[72] PAN, JIAJING, CN  
[71] ZHOU, YUSHI, CN  
[71] LIU, YUEFANG, CN  
[71] JIN, JIESHENG, CN  
[71] LOU, CHICHENG, CN  
[85] 2000-07-13  
[86] 1998-10-15 (PCT/CN98/00246)  
[87] 1999-07-22 (WO99/36723)  
[30] CN (98230056.5) 1998-01-16  
[30] CN (98112442.9) 1998-04-21

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[21] **2,318,467**  
[13] A1

[51] **Int.Cl. 6B32B 3/06 6E04F 15/16**  
[25] EN  
[54] **FOOT MAT**  
[54] **PAILLASSON**  
[72] KREITZ, ROBERT D., US  
[72] BARTLETT, GARY F., US  
[71] CONSTRUCTION SPECIALTIES, INC., US  
[85] 2000-07-05  
[86] 1998-12-29 (PCT/US98/27711)  
[87] 1999-07-15 (WO99/34971)  
[30] US (60/070,725) 1998-01-07

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<p style="text-align: right;">[21] <b>2,318,468</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 19/00 6F28F 27/02</b> [25] EN [54] <b>METHOD OF FORMING INTERCONNECTIONS BETWEEN CHANNELS AND CHAMBERS</b> [54] <b>PROCEDE POUR FORMER DES INTERCONNEXIONS ENTRE DES CANAUX ET DES CHAMBRES</b> [72] SHAW, JOHN EDWARD ANDREW, GB [72] TURNER, CHRIS, GB [71] CENTRAL RESEARCH LABORATORIES LIMITED, GB [85] 2000-07-06 [86] 1999-01-05 (PCT/GB99/00018) [87] 1999-07-15 (WO99/34909) [30] GB (9800220.7) 1998-01-06</p>	<p style="text-align: right;">[21] <b>2,318,471</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 51/04</b> [25] EN [54] <b>NUCLEAR SCINTIGRAPHIC ASSESSMENT OF MUCOSAL FUNCTION</b> [54] <b>EVALUATION DU FONCTIONNEMENT DES MUQUEUSES PAR SCINTIGRAPHIE NUCLEAIRE</b> [72] RICH, TYVIN R., US [72] KIRICHENKO, ALEXANDER V., US [71] THE UNIVERSITY OF VIRGINIA PATENT FOUNDATION, US [85] 2000-07-06 [86] 1999-01-05 (PCT/US99/00269) [87] 1999-07-15 (WO99/34838) [30] US (60/070,550) 1998-01-06</p>	<p style="text-align: right;">[21] <b>2,318,474</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B27N 3/02</b> [25] EN [54] <b>MOLDING FINELY POWDERED LIGNOCELLULOSIC FIBERS INTO HIGH DENSITY MATERIALS</b> [54] <b>MOULAGE DE FIBRES LIGNOCELLULOSIQUES FINEMENT PULVERISEES EN MATERIAUX DE HAUTE DENSITE</b> [72] CLAUSI, ROBERT N., CA [71] CLAUSI, ROBERT N., CA [85] 2000-07-06 [86] 1998-01-07 (PCT/CA98/00011) [87] 1999-07-15 (WO99/34963)</p>
<p style="text-align: right;">[21] <b>2,318,469</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65F 1/14 6B09B 1/00 6B65F 3/02 6B65F 1/12</b> [25] EN [54] <b>PROCESS AND ASSOCIATED INSTALLATIONS FOR THE TREATMENT AND DISPOSAL OF REFUSE</b> [54] <b>PROCEDE ET AMENAGEMENTS ASSOCIES POUR LE TRAITEMENT ET L'ELIMINATION DES ORDURES</b> [72] CAMBIUZZI, GIULIO, IT [71] CAMBIUZZI, GIULIO, IT [85] 2000-07-06 [86] 1999-01-08 (PCT/IT99/00001) [87] 1999-07-15 (WO99/35060) [30] IT (BO98A000003) 1998-01-08</p>	<p style="text-align: right;">[21] <b>2,318,472</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47G 1/16</b> [25] EN [54] <b>ADJUSTABLE MOUNTING DEVICE</b> [54] <b>DISPOSITIF DE MONTAGE AJUSTABLE</b> [72] KILDUFF, EDWARD H., US [72] BRINDISI, THOMAS J., US [71] KILDUFF, EDWARD H., US [71] BRINDISI, THOMAS J., US [85] 2000-07-06 [86] 1999-03-05 (PCT/US99/04936) [87] 2000-09-08 (WO00/51476)</p>	<p style="text-align: right;">[21] <b>2,318,475</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C02F 1/00</b> [25] EN [54] <b>POUR-THROUGH WATER TREATMENT DISPENSER</b> [54] <b>DISTRIBUTEUR POUR TRAITEMENT DE L'EAU A ECOULEMENT TRAVERSANT</b> [72] TANNER, JOHN D., US [72] VAN ORNUM, DOUGLAS J., US [72] GASTON, JOHANNES N., US [72] EMMONS, DAVID J., US [71] RECOVERY ENGINEERING, INC., US [85] 2000-07-06 [86] 1999-01-07 (PCT/US99/00332) [87] 1999-07-15 (WO99/35092) [30] US (09/005,292) 1998-01-09</p>
<p style="text-align: right;">[21] <b>2,318,470</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/22</b> [25] EN [54] <b>METHODS AND APPARATUS FOR CROSSING TOTAL OCCLUSIONS IN BLOOD VESSELS</b> [54] <b>PROCEDES ET DISPOSITIFS SERVANT A TRAVERSER DES OCCLUSIONS TOTALES DANS DES VAISSEAUX SANGUINS</b> [72] FRENCH, RONALD G., US [72] SELMON, MATTHEW R., US [72] CO, FRED H., US [72] HILL, RICHARD E., US [72] MILO, CHARLES F., US [71] LUMEND, INC., US [85] 2000-07-06 [86] 1998-12-18 (PCT/US98/26938) [87] 1999-07-22 (WO99/35979) [30] US (09/006,563) 1998-01-13</p>	<p style="text-align: right;">[21] <b>2,318,473</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 17/00</b> [25] EN [54] <b>PROCESS FOR CONCENTRATING PROTEIN WITH DISEASE-RELATED CONFORMATION</b> [54] <b>TECHNIQUE PERMETTANT DE CONCENTRER UNE PROTEINE A CONFORMATION LIEE A UNE AFFECTION</b> [72] PRUSINER, STANLEY B., US [72] SAFAR, JIRI G., US [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US [85] 2000-07-21 [86] 1999-02-04 (PCT/US99/02492) [87] 1999-08-26 (WO99/42487) [30] US (09/026,967) 1998-02-20</p>	<p style="text-align: right;">[21] <b>2,318,476</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01H 1/00 6A01H 5/00 6C12N 9/00 6C12N 5/04 6C12N 5/14 6C12N 15/29 6C12N 15/82</b> [25] EN [54] <b>PLANT SENESCENCE-ASSOCIATED GENES</b> [54] <b>GENES ASSOCIES A LA SENESCENCE DES PLANTES</b> [72] GEPSTEIN, SHIMON, IL [72] ROSNER, AMALIA, IL [72] HAJUOJE, TALEB, IL [71] VITALITY BIOTECHNOLOGIES, INC., US [85] 2000-07-06 [86] 1998-12-08 (PCT/US98/25799) [87] 1999-06-17 (WO99/29159) [30] US (60/067,898) 1997-12-08</p>

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[21] **2,318,477**  
[13] A1

[51] **Int.Cl. 6G01N 33/53 6G01N 33/537 6G01N 33/543 6G01N 33/566**  
[25] EN  
[54] **ASSAY FOR SPECIFIC STRAINS OF MULTIPLE DISEASE RELATED CONFORMATIONS OF A PROTEIN**  
[54] **DOSAGE POUR SOUCHES SPECIFIQUES DE CONFORMATIONS D'UNE PROTEINE RELATIVES A PLUSIEURS MALADIES**  
[72] COHEN, FRED E., US  
[72] PRUSINER, STANLEY B., US  
[72] SAFAR, JIRI G., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2000-07-21  
[86] 1999-02-05 (PCT/US99/02580)  
[87] 1999-08-26 (WO99/42829)  
[30] US (09/026,957) 1998-02-20  
[30] US (09/151,057) 1998-09-10

[21] **2,318,478**  
[13] A1

[51] **Int.Cl. 6E05D 15/06**  
[25] EN  
[54] **DOOR WITH ARTICULATED CAM**  
[54] **PORTE A CAME ARTICULEE**  
[72] OGDEN, STEVEN D., US  
[72] GONTARSKI, CHRISTOPHER, US  
[72] GANNON, JOHN J., JR., US  
[71] ALBANY INTERNATIONAL CORP., US  
[85] 2000-07-06  
[86] 1999-01-07 (PCT/US99/00294)  
[87] 1999-07-15 (WO99/35359)  
[30] US (09/004,790) 1998-01-09

[21] **2,318,480**  
[13] A1

[51] **Int.Cl. 6H04Q 7/24 6H04Q 3/00**  
[25] EN  
[54] **METHOD FOR CONNECTION RECONFIGURATION IN CELLULAR RADIO NETWORK**  
[54] **PROCEDE DE RECONFIGURATION DE CONNEXION DANS UN RESEAU RADIOCELLULAIRE**  
[72] VIALEN, JUKKA, FI  
[72] BRITSCHGI, JUHANA, FI  
[71] NOKIA NETWORKS OY, FI  
[85] 2000-07-13  
[86] 1998-08-31 (PCT/FI98/00674)  
[87] 1999-08-05 (WO99/39528)  
[30] FI (980208) 1998-01-29

[21] **2,318,481**  
[13] A1

[51] **Int.Cl. 6B01J 23/745 6B01J 35/10 6C01B 17/78**  
[25] EN  
[54] **CATALYST FOR OXIDIZING SO2 TO SO3 AND UTILIZATION OF THE CATALYST IN A METHOD FOR PRODUCING SULFURIC ACID**  
[54] **CATALYSEUR POUR OXYDER DU SO2 POUR FORMER DU SO3 ET UTILISATION DUDIT CATALYSEUR DANS UN PROCEDE DE PREPARATION D'ACIDE SULFURIQUE**  
[72] WERNER, DIETRICH, DE  
[72] ANASTASIJEVIC, NIKOLA, DE  
[72] WINGEN, ANNETTE, DE  
[72] SCHUTH, FRANZ-FERDINAND, DE  
[72] HOLLNAGEL, ACHIM, DE  
[72] WINKLER, EGON, DE  
[72] SCHMIDT, GEORG, DE  
[71] METALLGESELLSCHAFT AKTIENGESELLSCHAFT, DE  
[85] 2000-07-06  
[86] 1998-12-17 (PCT/EP98/08310)  
[87] 1999-07-22 (WO99/36175)  
[30] DE (198 00 800.7) 1998-01-13

[21] **2,318,484**  
[13] A1

[51] **Int.Cl. 6H04J 14/08**  
[25] EN  
[54] **SELF-SYNCHRONIZATION OF AN OPTICAL PACKET NETWORK USING SEED PULSES EXTRACTED FROM WITHIN THE PACKETS**  
[54] **SYNCHRONISATION AUTOMATIQUE D'UN RESEAU OPTIQUE A COMMUTATION PAR PAQUETS UTILISANT DES IMPULSIONS MERES EXTRAITES DE CES PAQUETS DE DONNEES**  
[72] ISLAM, MOHAMMED N., US  
[72] XIA, TIEJUN, US  
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US  
[85] 2000-07-06  
[86] 1999-02-17 (PCT/US99/03367)  
[87] 1999-08-19 (WO99/41870)  
[30] US (60/075,013) 1998-02-17

[21] **2,318,485**  
[13] A1

[51] **Int.Cl. 6H04B 13/02 6E21B 47/12**  
[25] EN  
[54] **BORE HOLE TRANSMISSION SYSTEM USING IMPEDANCE MODULATION**  
[54] **SYSTEME DE TRANSMISSION DANS UN TROU DE SONDAGE METTANT EN APPLICATION UNE MODULATION D'IMPEDANCE**  
[72] HUDSON, STEVEN MARTIN, GB  
[71] FLIGHT REFUELLING LIMITED, GB  
[85] 2000-07-13  
[86] 1999-01-15 (PCT/GB99/00129)  
[87] 1999-07-22 (WO99/37044)  
[30] GB (9801010.1) 1998-01-16

[21] **2,318,487**  
[13] A1

[51] **Int.Cl. 6C07C 259/04**  
[25] EN  
[54] **SOLID SUPPORTED SYNTHESIS OF HYDROXAMIC ACIDS**  
[54] **SYNTHESE D'ACIDES HYDROXAMIQUES SUR SUPPORT SOLIDE**  
[72] GOLEBIEWSKI, ADAM, US  
[72] KLOPFENSTEIN, SEAN REES, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-07-07  
[86] 1998-12-28 (PCT/IB98/02117)  
[87] 1999-07-15 (WO99/35126)  
[30] US (60/070,980) 1998-01-09

[21] **2,318,489**  
[13] A1

[51] **Int.Cl. 6C07C 51/15 6C07C 63/04 6C07C 201/08 6C07C 65/21 6C07C 65/28 6C07C 51/347 6C07C 205/58**  
[25] EN  
[54] **PROCESS FOR MAKING CERTAIN BENZOIC ACID COMPOUNDS**  
[54] **PROCEDE DE PREPARATION DE CERTAINS COMPOSES D'ACIDE BENZOIQUE**  
[72] ALMSTEAD, JI-IN KIM, US  
[72] ZHENG, XIAOMIN SHARON, US  
[72] GRAY, JEFFREY LYLE, US  
[72] LEDOUSSAL, BENOIT, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-07-07  
[86] 1998-12-28 (PCT/IB98/02116)  
[87] 1999-07-15 (WO99/35117)  
[30] US (60/070,866) 1998-01-09



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[21] **2,318,491**  
[13] A1

[51] **Int.Cl. 6C11D 17/06 6C11D 3/02 6C11D 3/06 6C11D 3/10 6C11D 3/12 6C11D 1/37 6C11D 1/83**  
[25] EN  
[54] **GRANULAR COMPOSITIONS HAVING IMPROVED DISSOLUTION**  
[54] **COMPOSITIONS GRANULEES PRESENTANT UNE APTITUDE AMELIOREE A LA DISSOLUTION**  
[72] MORT, PAUL R., III, US  
[72] NORWOOD, KEVIN TODD, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-07-07  
[86] 1998-01-13 (PCT/US98/00567)  
[87] 1999-07-22 (WO99/36503)

[21] **2,318,493**  
[13] A1

[51] **Int.Cl. 6A61K 39/39 6A61K 48/00 6A61K 47/48**  
[25] EN  
[54] **ORAL DELIVERY OF NUCLEIC ACID VACCINES BY PARTICULATE COMPLEXES**  
[54] **ADMINISTRATION PAR VOIE ORALE DE VACCINS D'ACIDES NUCLEIQUES AU MOYEN DE COMPLEXES PARTICULAIRES**  
[72] HUANG, SHAU-KU, US  
[72] ROY, KRISHNENDU, US  
[72] LEONG, KAM W., US  
[72] SAMPSON, HUGH, US  
[71] THE JOHNS HOPKINS UNIVERSITY, US  
[85] 2000-07-13  
[86] 1999-01-15 (PCT/US99/00861)  
[87] 1999-07-22 (WO99/36090)  
[30] US (60/071,679) 1998-01-16

[21] **2,318,495**  
[13] A1

[51] **Int.Cl. 6A61L 15/60 6A61F 13/15 6A61L 15/42**  
[25] EN  
[54] **ABSORBENT POLYMER COMPOSITIONS HAVING HIGH SORPTION CAPACITIES UNDER AN APPLIED PRESSURE**  
[54] **COMPOSITIONS POLYMERES ABSORBANTES A HAUTE CAPACITE DE SORPTION SOUS L'APPLICATION D'UNE PRESSION**  
[72] MAGNESS, ROBERT EARL, US  
[72] DYER, JOHN COLLINS, US  
[72] HIRD, BRYN, US  
[72] GOLDMAN, STEPHEN ALLEN, US  
[72] ASHRAF, ARMAN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-06-27  
[86] 1998-12-21 (PCT/IB98/02091)  
[87] 1999-07-15 (WO99/34843)  
[30] US (09/003,565) 1998-01-07

[21] **2,318,496**  
[13] A1

[51] **Int.Cl. 6G01N 29/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MEASURING THE CALORIFIC VALUE OF A GAS**  
[54] **PROCEDE ET APPAREIL DE MESURE DE LA VALEUR CALORIFIQUE D'UN GAZ**  
[72] THURSTON, ROBERT RICHARD, GB  
[72] PRICE, BARRY LEONARD, GB  
[72] HAMMOND, PAUL STEVEN, GB  
[71] BG INTELLECTUAL PROPERTY LIMITED, GB  
[85] 2000-06-27  
[86] 1999-01-08 (PCT/GB99/00069)  
[87] 1999-07-22 (WO99/36767)  
[30] GB (9800822.0) 1998-01-16  
[30] GB (9815255.6) 1998-07-15

[21] **2,318,497**  
[13] A1

[51] **Int.Cl. 6G01N 29/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MEASURING THE RELATIVE DENSITY OF A GAS**  
[54] **PROCEDE ET APPAREIL DE MESURE DE LA DENSITE RELATIVE D'UN GAZ**  
[72] HAMMOND, PAUL STEVEN, GB  
[72] THURSTON, ROBERT RICHARD, GB  
[72] PRICE, BARRY LEONARD, GB  
[71] BG INTELLECTUAL PROPERTY LIMITED, GB  
[85] 2000-06-27  
[86] 1999-01-08 (PCT/GB99/00073)  
[87] 1999-07-22 (WO99/36768)  
[30] GB (9800820.4) 1998-01-16  
[30] GB (9815254.9) 1998-07-15

[21] **2,318,498**  
[13] A1

[51] **Int.Cl. 6A61K 39/39 6A61K 48/00 6A61K 47/48**  
[25] EN  
[54] **GENETIC IMMUNIZATION WITH CO-DELIVERY OF NUCLEIC ACID AND CYTOKINES IN A SINGLE VEHICLE**  
[54] **IMMUNISATION GENETIQUE PAR L'ADMINISTRATION CONJOINTE D'ACIDES NUCLEIQUES ET DE CYTOKINES DANS UN EXCIPIENT UNIQUE**  
[72] AUGUST, THOMAS J., US  
[72] LEONG, KAM W., US  
[72] TRUONG, VU, US  
[71] THE JOHNS HOPKINS UNIVERSITY, US  
[85] 2000-07-13  
[86] 1999-01-15 (PCT/US99/00860)  
[87] 1999-07-22 (WO99/36089)  
[30] US (60/071,746) 1998-01-16

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[21] **2,318,499**  
[13] A1

[51] **Int.Cl. 6B23P 11/00 6B23P 15/00 6B23P 19/00**  
[25] EN  
[54] **A FASTENER INSTALLATION HEAD HAVING A PIVOTING FASTENER DRIVE ASSEMBLY**  
[54] **TETE D'INSTALLATION D'ELEMENTS DE FIXATION POURVU D'UN ENSEMBLE D'ENTRAINEMENT DES ELEMENTS DE FIXATION PIVOTANT**  
[72] ALTROCK, NICK L., US  
[71] FABRISTEEL PRODUCTS, INC., US  
[85] 2000-06-27  
[86] 1999-01-06 (PCT/US99/00276)  
[87] 1999-07-15 (WO99/34953)  
[30] US (60/070,641) 1998-01-07

[21] **2,318,500**  
[13] A1

[51] **Int.Cl. 6E21B 17/00 6E21B 7/20**  
[25] EN  
[54] **APPARATUS FOR FACILITATING REMOVAL OF A CASING OF AN OVERBURDEN DRILLING EQUIPMENT FROM A BORE**  
[54] **APPAREIL PERMETTANT D'ENLEVER FACILEMENT L'ENVELOPPE D'UN EQUIPEMENT DE FORAGE DE MORTS-TERRAINS D'UN TROU DE FORAGE**  
[72] SPEDALE, ANGELO LEE, US  
[71] SANDVIK AB, SE  
[85] 2000-06-27  
[86] 1998-11-27 (PCT/SE98/02145)  
[87] 1999-07-08 (WO99/34087)  
[30] US (08/998,648) 1997-12-29

[21] **2,318,502**  
[13] A1

[51] **Int.Cl. 6G06F 15/80**  
[25] EN  
[54] **N-TUPLE OR RAM BASED NEURAL NETWORK CLASSIFICATION SYSTEM AND METHOD**  
[54] **PROCEDE ET SYSTEME DE CLASSIFICATION DANS UN RESEAU NEURONAL ORIENTE RAM OU N-LIGNE**  
[72] JORGENSEN, THOMAS MARTINI, DK  
[72] LINNEBERG, CHRISTIAN, DK  
[71] INTELLIX A/S, DK  
[85] 2000-07-13  
[86] 1999-02-02 (PCT/DK99/00052)  
[87] 1999-08-12 (WO99/40521)  
[30] EP (98201910.1) 1998-06-09  
[30] DK (0162/98) 1998-02-05

[21] **2,318,503**  
[13] A1

[51] **Int.Cl. 6A61B 10/00**  
[25] EN  
[54] **BIOPSY INSTRUMENT**  
[54] **INSTRUMENT DE BIOPSIE**  
[72] SKINNER, BRUCE A.J., CA  
[71] BIOPSY NEEDLE LIMITED PARTNERSHIP, CA  
[85] 2000-06-30  
[86] 1998-12-30 (PCT/CA98/01209)  
[87] 1999-07-15 (WO99/34734)  
[30] US (09/002,472) 1998-01-02

[21] **2,318,504**  
[13] A1

[51] **Int.Cl. 6G02B 6/38 6G01M 11/00 6G02B 6/42**  
[25] EN  
[54] **POLARIZATION-MAINTAINING CONNECTOR**  
[54] **CONNECTEUR A MAINTIEN DE LA POLARISATION**  
[72] PIANCIOLA, AURELIO, IT  
[72] SCOTTI, SIMONA, IT  
[71] PIRELLI CAVI E SISTEMI S.P.A., IT  
[85] 2000-07-05  
[86] 1998-12-14 (PCT/EP98/08084)  
[87] 1999-07-15 (WO99/35524)  
[30] EP (98100185.2) 1998-01-08  
[30] US (60/071,724) 1998-01-16

[21] **2,318,505**  
[13] A1

[51] **Int.Cl. 6A21D 13/00 6A23B 4/03**  
[25] EN  
[54] **CRISP FRIED IN GRAPSEED OIL**  
[54] **CHIPS FRITES DANS DE L'HUILE DE RAISIN**  
[72] DIAMOND, GEORGE B., US  
[71] DIAMOND, GEORGE B., US  
[85] 2000-07-05  
[86] 1999-01-07 (PCT/US99/00346)  
[87] 1999-07-15 (WO99/34682)  
[30] US (60/070,661) 1998-01-07  
[30] US (60/093,448) 1998-07-20

[21] **2,318,506**  
[13] A1

[51] **Int.Cl. 6H02K 33/04**  
[25] EN  
[54] **RECIPROCATING MOTOR WITH ARCuate POLE FACES**  
[54] **MOTEUR ALTERNATIF A FACES POLAIRES COURBES**  
[72] SOULTANIAN, DANIEL S., US  
[71] SUNBEAM PRODUCTS, INC., US  
[85] 2000-07-05  
[86] 1999-01-08 (PCT/US99/00442)  
[87] 1999-07-15 (WO99/35732)  
[30] US (09/005,120) 1998-01-09

[21] **2,318,508**  
[13] A1

[51] **Int.Cl. 7A61K 35/14 7A61M 1/34**  
[25] EN  
[54] **BATCH DEVICES FOR THE REDUCTION OF COMPOUNDS FROM BIOLOGICAL COMPOSITIONS CONTAINING CELLS AND METHODS OF USE**  
[54] **DISPOSITIFS DE TRAITEMENT DISCONTINU PERMETTANT DE REDUIRE LA CONCENTRATION DE COMPOSES DANS DES COMPOSITIONS BIOLOGIQUES CONTENANT DES CELLULES, ET PROCEDES ASSOCIES**  
[72] PHAN, THU ANH, US  
[72] HEI, DEREK JOSEPH, US  
[71] CERUS CORPORATION, US  
[85] 2000-07-05  
[86] 1998-07-08 (PCT/US98/14134)  
[87] 1999-07-15 (WO99/34914)  
[30] US (09/003,113) 1998-01-06  
[30] WO (PCT/US98/00531) 1998-01-06

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[21] **2,318,509**  
[13] A1

[51] **Int.Cl. 6G11B 23/28 6G06F 12/14 6H04N 7/167**  
[25] EN  
[54] **SYSTEM AND METHOD FOR COPY PROTECTION FOR DIGITAL SIGNALS**  
[54] **SYSTEME ET PROCEDE POUR ASSURER UNE PROTECTION CONTRE LA COPIE DE SIGNAUX NUMERIQUES**  
[72] CHANEY, JACK, US  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2000-07-07  
[86] 1999-01-08 (PCT/KR99/00046)  
[87] 1999-07-15 (WO99/35647)  
[30] US (60/070,764) 1998-01-08

[21] **2,318,510**  
[13] A1

[51] **Int.Cl. 6E06B 3/70 6B32B 31/00**  
[25] EN  
[54] **WEATHER RESISTANT PANELS**  
[54] **PANNEAUX RESISTANT AUX INTEMPERIES**  
[72] STEEL, IAIN, GB  
[72] ALBERTELLI, ALDINO, GB  
[71] ACELL HOLDINGS LIMITED, GB  
[85] 2000-07-07  
[86] 1999-01-08 (PCT/GB99/00067)  
[87] 1999-07-15 (WO99/35364)  
[30] GB (9800371.8) 1998-01-08  
[30] GB (9808081.5) 1998-04-16  
[30] GB (9810075.3) 1998-05-11

[21] **2,318,511**  
[13] A1

[51] **Int.Cl. 6C11D 1/83 6C11D 3/12 6C11D 3/22 6C11D 3/37**  
[25] EN  
[54] **A DETERGENT GRANULE WITH IMPROVED DISSOLUTION**  
[54] **GRANULE DETERGENT PRESENTANT UNE APTITUDE AMELIOREE A LA DISSOLUTION**  
[72] RAMANAN, GANAPATHY VENKATA, JP  
[72] INOUE, TOMOTAKA, JP  
[72] HIDALGO, NOE ONGCOY, JP  
[72] KATSUDA, RINKO, JP  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-07-07  
[86] 1998-01-13 (PCT/US98/00587)  
[87] 1999-07-22 (WO99/36493)

[21] **2,318,512**  
[13] A1

[51] **Int.Cl. 6C12N 15/87 6A61K 48/00 6C07K 5/062 6C07C 323/60**  
[25] FR  
[54] **COMPOSES TRANSFECTANTS SENSIBLES AUX CONDITIONS REDUCTRICES, COMPOSITIONS PHARMACEUTIQUES LES CONTENANT, ET LEURS APPLICATIONS**  
[54] **TRANSFECTING COMPOSITIONS SENSITIVE TO REDUCING CONDITIONS, PHARMACEUTICAL COMPOSITIONS CONTAINING THEM, AND THEIR APPLICATIONS**  
[72] DUBERTRET, CATHERINE, FR  
[72] BYK, GERARDO, IL  
[72] PITARD, BRUNO, FR  
[72] SCHERMAN, DANIEL, FR  
[71] AVENTIS PHARMA S.A., FR  
[85] 2000-07-13  
[86] 1999-01-28 (PCT/FR99/00162)  
[87] 1999-08-05 (WO99/38821)  
[30] FR (9801065) 1998-01-30  
[30] US (60/077,026) 1998-03-06

[21] **2,318,513**  
[13] A1

[51] **Int.Cl. 6A61K 47/48**  
[25] EN  
[54] **PROCESS FOR MAKING ABSORBABLE MICROPARTICLES**  
[54] **PROCEDE DE PREPARATION DE MICROPARTICULES POUVANT ETRE ABSORBEES**  
[72] LOUGHMAN, THOMAS CIARAN, IE  
[71] KINERTON LIMITED, IE  
[85] 2000-07-17  
[86] 1999-01-25 (PCT/IE99/00007)  
[87] 1999-08-05 (WO99/38535)  
[30] IE (980054) 1998-01-29

[21] **2,318,514**  
[13] A1

[51] **Int.Cl. 6A61K 7/42 6A61K 7/06 6A61K 7/48**  
[25] EN  
[54] **SKIN AND HAIR DARKENING COMPOSITION**  
[54] **COMPOSITION SERVANT A FONCER LA PEAU ET LES CHEVEUX**  
[72] WAGH, SUSHAMA SHRIPAD, IN  
[72] RAMAN, GOVINDARAJAN, IN  
[72] RAMAIAH, ABDURI, IN  
[72] RAGHUPATHI, SUBRAMANIAN, IN  
[71] UNILEVER PLC, GB  
[85] 2000-07-17  
[86] 1998-11-09 (PCT/EP98/07218)  
[87] 1999-07-29 (WO99/37279)  
[30] GB (9801191.9) 1998-01-20

[21] **2,318,516**  
[13] A1

[51] **Int.Cl. 6A61K 31/505 6A61K 31/00**  
[25] EN  
[54] **OPHTHALMIC COMPOSITION**  
[54] **COMPOSITION OPHTALMIQUE**  
[72] KATO, ICHIE, JP  
[72] UENO, RYUJI, US  
[71] R-TECH UENO, LTD., JP  
[85] 2000-07-17  
[86] 1999-01-29 (PCT/JP99/00369)  
[87] 1999-08-05 (WO99/38497)  
[30] JP (10/19836) 1998-01-30

[21] **2,318,535**  
[13] A1

[51] **Int.Cl. 6H04N 7/24 6H04N 7/16**  
[25] EN  
[54] **APPARATUS AND METHOD FOR DIGITAL ADVERTISEMENT INSERTION IN A BITSTREAM**  
[54] **DISPOSITIF ET TECHNIQUE D'INSERTION D'ANNONCE NUMERIQUE DANS UN TRAIN NUMERIQUE**  
[72] SAFADI, REEM, US  
[71] GENERAL INSTRUMENT CORPORATION, US  
[85] 2000-07-17  
[86] 1999-01-15 (PCT/US99/00867)  
[87] 1999-08-05 (WO99/39506)  
[30] US (60/073,106) 1998-01-30

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[21] **2,318,538**  
[13] A1

[51] **Int.Cl. 6G06K 19/07**  
[25] EN  
[54] **CONTACT/CONTACTLESS SMART CARD HAVING CUSTOMIZABLE ANTENNA INTERFACE**  
[54] **CARTE A MEMOIRE AVEC/SANS CONTACT POURVUE D'UNE INTERFACE ANTENNE PERSONNALISABLE**  
[72] GILBOA, RONNIE, IL  
[72] BASHAN, ODED, IL  
[72] ITAY, NEHEMYA, IL  
[72] ADUK, MOSHE, IL  
[71] ON TRACK INNOVATIONS LTD., IL  
[85] 2000-07-17  
[86] 1998-12-28 (PCT/IL98/00624)  
[87] 1999-07-08 (WO99/34326)  
[30] IL (122841) 1997-12-31

[21] **2,318,539**  
[13] A1

[51] **Int.Cl. 6A61K 7/48**  
[25] EN  
[54] **LIPOPROTEIN CREAMS**  
[54] **CREMES AUX LIPOPROTEINES**  
[72] FOERSTER, THOMAS, DE  
[72] WALDMANN-LAUE, MARIANNE, DE  
[72] BIALASINSKI, LESZEK, DE  
[72] HEINEN, SORAYA, DE  
[72] SCHRADER, KARLHEINZ, DE  
[71] HENKEL  
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 2000-07-17  
[86] 1999-01-09 (PCT/EP99/00085)  
[87] 1999-07-22 (WO99/36051)  
[30] DE (198 01 593.3) 1998-01-17

[21] **2,318,540**  
[13] A1

[51] **Int.Cl. 6D21H 21/16 6D21H 17/16 6D21H 17/17 6D21H 17/72**  
[25] EN  
[54] **HYDROPHOBISING SYSTEM FOR PAPER OR SIMILAR FIBRE PRODUCT**  
[54] **SYSTEME POUR RENDRE HYDROPHOBE DU PAPIER OU UN PRODUIT FIBREUX SIMILAIRE**  
[72] JUPPO, ARI, FI  
[72] HAKANSSON, PHILIP, SE  
[71] KEMIRA CHEMICALS OY, FI  
[85] 2000-07-17  
[86] 1999-01-27 (PCT/FI99/00051)  
[87] 1999-07-29 (WO99/37859)  
[30] FI (980177) 1998-01-27

[21] **2,318,541**  
[13] A1

[51] **Int.Cl. 6H04M 11/06 6H04M 3/00**  
[25] EN  
[54] **COMPUTER TELEPHONY INTEGRATED PBX**  
[54] **CENTRAL TELEPHONIQUE INTEGRE INFORMATISE**  
[72] CENZANO, OTTO M., US  
[71] WILLOWBROOK TECHNOLOGIES, US  
[85] 2000-07-17  
[86] 1999-01-27 (PCT/US99/01791)  
[87] 1999-07-29 (WO99/38312)  
[30] US (09/013,745) 1998-01-27

[21] **2,318,542**  
[13] A1

[51] **Int.Cl. 7G01N 27/447 7B01D 57/02**  
[25] EN  
[54] **ENCAPSULATED IPG STRIPS**  
[54] **BANDES IPG ENCAPSULEES**  
[72] OLECH, LEE, US  
[72] HARBERS, ADRIANA J., US  
[71] BIO-RAD LABORATORIES INC., US  
[85] 2000-07-17  
[86] 1999-10-20 (PCT/US99/24628)  
[87] 2000-06-02 (WO00/31526)  
[30] US (09/195,983) 1998-11-19

[21] **2,318,543**  
[13] A1

[51] **Int.Cl. 6A61L 27/00**  
[25] EN  
[54] **BONE PASTE SUBJECTED TO IRRADIATIVE AND THERMAL TREATMENT**  
[54] **COLLE A OS TRAITEE PAR IRRADIATION ET CHAUFFAGE**  
[72] WIRONEN, JOHN F., US  
[72] FELTON, PHILLIP A., US  
[72] JAW, REBECCA, US  
[71] UNIVERSITY OF FLORIDA TISSUE BANK, INC., US  
[71] REGENERATION TECHNOLOGIES, INC., US  
[85] 2000-07-17  
[86] 1999-01-27 (PCT/US99/01677)  
[87] 1999-08-05 (WO99/38543)  
[30] US (09/014,519) 1998-01-28  
[30] US (09/154,400) 1998-09-16

[21] **2,318,544**  
[13] A1

[51] **Int.Cl. 6B21D 39/02**  
[25] EN  
[54] **FLANGING DEVICE WITH PRESSING AND CLAMPING ELEMENTS**  
[54] **DISPOSITIF DE SERTISSAGE A ELEMENTS DE PRESSION ET DE SERRAGE**  
[72] ZIMMER, ERNST, DE  
[71] KUKA SCHWEISSANLAGEN GMBH, DE  
[85] 2000-07-17  
[86] 1999-01-22 (PCT/EP99/00402)  
[87] 1999-07-29 (WO99/37419)  
[30] DE (298 01 147.6) 1998-01-24  
[30] DE (298 01 153.0) 1998-01-24

[21] **2,318,545**  
[13] A1

[51] **Int.Cl. 6B65D 47/20 6B65D 50/06**  
[25] EN  
[54] **DISPENSING CLOSURE WITH INTEGRAL LOCKING SWITCH AND TAMPER EVIDENCY STRUCTURE**  
[54] **FERMETURE DE DISTRIBUTION A COMMUTATION DE BLOCAGE SOLIDAIRE ET A STRUCTURE INDIQUANT L'EFFRACTION**  
[72] ODER, REUBEN EARL, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-07-17  
[86] 1998-01-20 (PCT/US98/01081)  
[87] 1999-07-22 (WO99/36328)

[21] **2,318,546**  
[13] A1

[51] **Int.Cl. 6A61M 31/00**  
[25] EN  
[54] **GYNECOLOGIC ENDOVASCULAR EMBOLOTHERAPY METHODS**  
[54] **PROCEDES D'EMBOLOTHERAPIE GYNECOLOGIQUE ENDOVASCULAIRE**  
[72] GREFF, RICHARD J., US  
[71] MICRO THERAPEUTICS, INC., US  
[85] 2000-07-17  
[86] 1999-02-26 (PCT/US99/04398)  
[87] 1999-09-02 (WO99/43380)  
[30] US (09/032,896) 1998-02-27

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[21] **2,318,558**  
[13] A1

[51] **Int.Cl. 6C07K 5/08 6A61K 38/06**  
[25] EN  
[54] **COMPOUNDS WITH GROWTH HORMONE RELEASING PROPERTIES**  
[54] **COMPOSES AVEC PROPRIETES DE LIBERATION DE L'HORMONE DE CROISSANCE**  
[72] ANKERSEN, MICHAEL, DK  
[71] NOVO NORDISK A/S, DK  
[85] 2000-07-14  
[86] 1999-01-15 (PCT/DK99/00021)  
[87] 1999-07-22 (WO99/36431)  
[30] DK (0056/98) 1998-01-16  
[30] DK (PA 1998 00799) 1998-06-15

[21] **2,318,559**  
[13] A1

[51] **Int.Cl. 6C11D 3/00 6C11D 17/06 6C11D 3/10**  
[25] EN  
[54] **GRANULAR COMPOSITIONS HAVING IMPROVED DISSOLUTION**  
[54] **COMPOSITIONS GRANULEES PRESENTANT UNE APTITUDE AMELIOREE A LA DISSOLUTION**  
[72] HARTSHORN, RICHARD TIMOTHY, GB  
[72] CANCEIL, SYLVESTRE, GB  
[72] HOLLIHAN, LESTER JOHN, US  
[72] WHITEHURST, GARY ROY, GB  
[72] BOHLEN, DAVID SCOTT, US  
[72] ALAM, ZAYEED, GB  
[72] KATSUDA, RINKO, JP  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-07-07  
[86] 1998-01-13 (PCT/US98/00571)  
[87] 1999-07-22 (WO99/36494)

[21] **2,318,560**  
[13] A1

[51] **Int.Cl. 6B01D 53/94 6B01J 23/34 6B01J 23/656**  
[25] EN  
[54] **THREE-WAY CATALYST**  
[54] **CATALYSEUR TRIFONCTIONNEL**  
[72] LANDEN, TORQUIL GEORGE SPENCER, GB  
[72] THOMPSETT, DAVID, GB  
[72] FISHER, JANET MARY, GB  
[72] HYDE, TIMOTHY IAN, GB  
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB  
[85] 2000-07-07  
[86] 1999-01-06 (PCT/GB99/00026)  
[87] 1999-07-15 (WO99/34904)  
[30] GB (9800325.4) 1998-01-09

[21] **2,318,561**  
[13] A1

[51] **Int.Cl. 6C11D 1/38 6C11D 3/43 6C11D 1/44 6C11D 1/62 6C11D 1/72 6C11D 1/94**  
[25] EN  
[54] **NOVEL QUATERNARY AMMONIUM COMPOUNDS, COMPOSITIONS CONTAINING THEM, AND USES THEREOF**  
[54] **NOUVEAUX COMPOSES D'AMMONIUM QUATERNAIRE, COMPOSITIONS CONTENANT CES COMPOSES ET UTILISATION DE CES COMPOSITIONS**  
[72] FRIEDLI, FLOYD, US  
[72] KOHLE, HANS-JURGEN, DE  
[71] WITCO CORPORATION, US  
[71] WITCO SURFACTANTS GMBH, DE  
[85] 2000-07-07  
[86] 1999-01-07 (PCT/US99/00295)  
[87] 1999-07-15 (WO99/35223)  
[30] US (60/071,054) 1998-01-09

[21] **2,318,562**  
[13] A1

[51] **Int.Cl. 6C09K 7/06 6E21B 47/12 6G01V 3/18**  
[25] EN  
[54] **CONDUCTIVE MEDIUM FOR OPENHOLE LOGGING AND LOGGING WHILE DRILLING**  
[54] **MILIEU CONDUCTEUR POUR DIAGRAPHIE EN TROU OUVERT ET DIAGRAPHIE PENDANT LE FORAGE**  
[72] PATEL, ARVIND D., US  
[71] M-I L.L.C., US  
[85] 2000-07-07  
[86] 1999-01-08 (PCT/US99/00439)  
[87] 1999-07-15 (WO99/35211)  
[30] US (09/004,267) 1998-01-08  
[30] US (09/013,454) 1998-01-26  
[30] US (09/021,013) 1998-02-09

[21] **2,318,624**  
[13] A1

[51] **Int.Cl. 6A61B 19/02 6A61B 10/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ASEPTICALLY PACKAGING AND DISPENSING LIVE MATERIAL**  
[54] **PROCEDE ET APPAREIL DE CONDITIONNEMENT ET DE DISTRIBUTION DE MATIERE VIVANTE DANS DES CONDITIONS D'ASEPSIE**  
[72] WEITZNER, BARRY, US  
[72] MELO, ANTONIO, US  
[72] OMSTEAD, DANIEL, US  
[72] WHITE, DESMOND, US  
[71] REPROGENESIS, INC., US  
[85] 2000-07-19  
[86] 1999-01-22 (PCT/US99/01316)  
[87] 1999-07-29 (WO99/37233)  
[30] US (60/072,345) 1998-01-23

[21] **2,318,625**  
[13] A1

[51] **Int.Cl. 7G09B 7/04 7G09B 7/06 7G06F 9/44**  
[25] EN  
[54] **METHOD FOR DEVELOPING ANSWER-OPTIONS TO ISSUE-QUESTIONS RELATING TO CHILD-DEVELOPMENT**  
[54] **PROCEDE RELATIF A L'ELABORATION DE VARIANTES EN REPOSE AUX QUESTIONS QUE POSENT LE DEVELOPPEMENT DE L'ENFANT**  
[72] NOCERA, TINA M., US  
[71] NOCERA, TINA M., US  
[85] 2000-07-19  
[86] 1999-11-19 (PCT/US99/27564)  
[87] 2000-06-02 (WO00/31710)  
[30] US (09/197,156) 1998-11-20

[21] **2,318,626**  
[13] A1

[51] **Int.Cl. 6B23B 3/20 6G01B 11/24**  
[25] EN  
[54] **CALIBRATION AND COMPENSATION OF ROBOT-BASED GAUGING SYSTEM**  
[54] **ETALONNAGE ET COMPENSATION D'UN SYSTEME DE MESURE ROBOTISE**  
[72] KIM, MUNSHANG, KR  
[72] GREER, DALE R., US  
[71] PERCEPTION, INC., US  
[85] 2000-07-19  
[86] 1999-01-18 (PCT/US99/00989)  
[87] 1999-07-22 (WO99/36216)  
[30] US (09/008,711) 1998-01-19

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[13] A1

[51] **Int.Cl. 6C07C 275/42 6A61K 31/16  
6A61K 31/17 6C07C 237/22**

[25] EN

[54] **VLA-4 ANTAGONISTS**

[54] **ANTAGONISTES D'ANTIGENE-4  
D'ACTIVATION TRES TARDIVE (VLA-  
4)**

[72] VON MATT, PETER JOSEF, US

[72] WATTANASIN, SOMPONG, US

[71] NOVARTIS AG, CH

[85] 2000-07-18

[86] 1999-01-21 (PCT/EP99/00384)

[87] 1999-07-29 (WO99/37605)

[30] US (09/012,336) 1998-01-23

[30] US (60/110,723) 1998-12-03

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[21] **2,318,641**

[13] A1

[51] **Int.Cl. 6C12N 5/06 6A61L 27/00  
6C12N 5/08 6C12N 5/10**

[25] EN

[54] **ARTIFICIAL CORNEA**

[54] **CORNEE ARTIFICIELLE**

[72] SONG, YING, US

[72] DOILLON, CHARLES J., CA

[72] WATSKY, MITCHELL, US

[72] GRIFFITH, MAY, CA

[71] UNIVERSITE LAVAL, CA

[71] THE UNIVERSITY OF TENNESSEE  
RESEARCH CORPORATION, US

[71] UNIVERSITY OF OTTAWA, CA

[85] 2000-07-20

[86] 1999-01-25 (PCT/CA99/00057)

[87] 1999-07-29 (WO99/37752)

[30] CA (2,227,827) 1998-01-23

## **PCT Applications Entering the National Phase**

## Canadian Divisional and Previously Unavailable Laid-Open applications

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[21] **2,317,915**  
[13] A1

[51] **Int.Cl. 7B60C 9/00 7B60C 9/20**  
[25] EN  
[54] **TIRES WITH HIGH STRENGTH REINFORCEMENT**  
[54] **PNEUMATIQUE A ARMATURE RENFORCEE**  
[72] KIM, DONG KWANG, US  
[72] HELFER, FARREL BRUCE, US  
[72] SHEMENSKI, ROBERT MARTIN, US  
[72] JEANPIERRE, GUY, US  
[72] VAN NGUYEN, GIA, BE  
[72] SINOPOLI, ITALO MARZIALE, US  
[72] MORGAN, JOHN GOMER, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 1991-03-21  
[43] 1991-09-22  
[62] 2,075,066  
[30] US (496759) 1990-03-21

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[21] **2,317,939**  
[13] A1

[51] **Int.Cl. 7F04B 39/14 7F04B 15/04**  
[25] EN  
[54] **MOLTEN METAL PUMP SUPPORT POST AND APPARATUS FOR REMOVING IT FROM A BASE**  
[54] **POTEAU DE SUPPORT DE POMPE A METAL EN FUSION ET APPAREIL SERVANT A L'ENLEVER D'UNE BASE**  
[72] MORDUE, GEORGE S., US  
[72] HENDERSON, RICHARD S., US  
[72] MASARIN, DAVID M., US  
[72] GILBERT, RONALD E., US  
[71] METAULLICS SYSTEMS CO., L.P., US  
[22] 1995-06-06  
[43] 1996-02-10  
[62] 2,151,084  
[30] US (08/287914) 1994-08-09

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[21] **2,317,965**  
[13] A1

[51] **Int.Cl. 7G01L 27/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR USE IN TESTING GAS PRESSURE REDUCTION EQUIPMENT**  
[54] **APPAREIL ET PROCEDE DESTINES A LA MISE A L'ESSAI D'UN DETENDEUR DE GAZ COMPRI ME**  
[72] REID, DONALD JAMES, GB  
[72] MURPHY, DAVID THOMAS, GB  
[72] CARSCADDEN, IAN ANDREW, GB  
[71] BG PLC, GB  
[22] 1996-07-31  
[43] 1997-02-13  
[62] 2,201,372  
[30] GB (95 15849.9) 1995-08-02

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[21] **2,317,938**  
[13] A1

[51] **Int.Cl. 7C07D 249/12 7C07D 401/06 7C07D 403/06 7C07D 405/06 7C07D 409/06 7C07D 413/06 7C07D 417/06 7A01N 43/653 7A01N 43/74**  
[25] EN  
[54] **TRIAZOLYL DERIVATIVES**  
[54] **DERIVES DE TRIAZOLYLE**  
[72] JAUTELAT, MANFRED, DE  
[72] TIEMANN, RALF, DE  
[72] DUTZMANN, STEFAN, DE  
[72] STENZEL, KLAUS, DE  
[72] HANSSLER, GERD, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1995-11-08  
[43] 1996-05-30  
[62] 2,205,509  
[30] DE (P 44 41 354.8) 1994-11-21  
[30] DE (195 26 918.7) 1995-07-24  
[30] DE (195 28 046.6) 1995-07-31

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[21] **2,317,943**  
[13] A1

[51] **Int.Cl. 7B60C 9/00 7B60C 9/20**  
[25] EN  
[54] **TIRES WITH HIGH STRENGTH REINFORCEMENT**  
[54] **PNEUMATIQUE A ARMATURE RENFORCEE**  
[72] SHEMENSKI, ROBERT MARTIN, US  
[72] SINOPOLI, ITALO MARZIALE, US  
[72] VAN NGUYEN, GIA, BE  
[72] KIM, DONG KWANG, US  
[72] MORGAN, JOHN GOMER, US  
[72] JEANPIERRE, GUY, LU  
[72] HELFER, FARREL BRUCE, US  
[71] THE GOODYEAR TIRE AND RUBBER COMPANY, US  
[22] 1991-03-21  
[43] 1991-09-22  
[62] 2,075,066  
[30] US (496759) 1990-03-21

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[21] **2,318,024**  
[13] A1

[51] **Int.Cl. 7A01H 5/00 7A01H 1/04**  
[25] EN  
[54] **BIOLOGICALLY SAFE PLANT TRANSFORMATION SYSTEM**  
[54] **SYSTEME BIOLOGIQUEMENT SUR DE TRANSFORMATION DE PLANTES**  
[72] YODER, JOHN T., US  
[72] LASSNER, MICHAEL W., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[22] 1991-07-01  
[43] 1992-01-20  
[62] 2,087,610  
[30] US (555,271) 1990-07-19



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[21] **2,318,515**

[13] A1

[51] **Int.Cl. 7B65B 11/00 7B65D 65/14  
7B65D 85/52**

[25] EN

[54] **PLANT PACKAGING METHOD  
AND PRODUCT**

[54] **PRODUIT ET PROCEDE  
D'EMBALLAGE D'UNE PLANTE**

[72] WEDER, DONALD E., US

[71] SOUTH PAC TRUST

INTERNATIONAL, INC., NZ

[22] 1995-03-30

[43] 1995-10-01

[62] 2,145,981

[30] US (08/220,852) 1994-03-31

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[21] **2,318,582**

[13] A1

[51] **Int.Cl. 7H04L 12/24**

[25] EN

[54] **COMMUNICATIONS NETWORK  
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[54] **GESTION DE RESEAUX DE  
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[72] BUSUIOC, NICOLAE MARIUS, GB

[72] YADEGAR, JACOB, GB

[72] PUROHIT, BHARAT, GB

[72] CRABTREE, IAN BARRY, GB

[71] BRITISH TELECOMMUNICATIONS  
PUBLIC LIMITED COMPANY, GB

[22] 1994-11-30

[43] 1995-06-08

[62] 2,177,488

[30] EP (93309544.0) 1993-11-30

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[21] **2,318,657**

[13] A1

[51] **Int.Cl. 7A01N 57/20**

[25] EN

[54] **GLYPHOSATE FORMULATIONS  
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[54] **FORMULATIONS A BASE DE  
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[72] BRINKER, RONALD JOSEPH, US

[72] SANDBRINK, JOSEPH JUDE, US

[72] WRIGHT, DANIEL RICHARD, US

[72] WIDEMAN, AL STEVEN, US

[71] MONSANTO COMPANY, US

[22] 1996-03-28

[43] 1996-10-24

[62] 2,214,376

[30] US (08/419,299) 1995-04-10

[30] US (08/599,363) 1996-03-15

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BALDO, FRANCINE	2,305,942	C.G. AIR SYSTEMES INC.	2,269,307	DAGLE, JEFFREY LOUIS	2,306,156
BANCTEL, FABRICE	2,302,852	C.G. AIR SYSTEMES INC.	2,305,941	DAIDO TOKUSHUKO	
BANSAL, PRADEEP K.	2,301,213	CACERES, RAMON	2,301,435	KABUSHIKI KAISHA	2,302,103
BARBISAN, Joseph C.	2,269,363	CADORETTE, Mario	2,269,433	DAIMLERCHRYSLER	
BARKER, Marcin K.	2,269,393	CALAMVOKIS, COSTAS	2,306,042	CORPORATION	2,305,907
BASF		CALL, RONALD W.	2,301,453	DANA CORPORATION	2,302,602
AKTIENGESELLSCHAFT	2,305,089	CALLENS, ROLAND	2,305,944	DAVIDSON, John Scott	2,269,149
BAYER		CAMCO INTERNATIONAL		DE LAFORCADE, VINCENT	2,305,005
AKTIENGESELLSCHAFT	2,305,164	INC.	2,305,831	DEERE & COMPANY	2,297,621
BAYER CORPORATION	2,304,421	CAMP, WILLIAM R.	2,304,837	DEERE & COMPANY	2,298,076
BELANGER, DAVID GERALD	2,301,435	CAMPBELL, STEVE	2,299,755	DEERE & COMPANY	2,298,200



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DEGUSSA-HULS		FEENEY, James	2,271,451	HANSEN, LOREN FREDRICK	2,297,621
AKTIENGESELLSCHAFT	2,306,209	FEIGEL, Kurt R., Jr.	2,269,393	HANSEN, LOREN FREDRICK	2,298,076
DEKONING, Adrianus	2,269,479	FERRARO, FRANK		HANSEN, LOREN FREDRICK	2,298,200
DELORME PUBLISHING		ANTHONY	2,301,468	HANSEN, LOREN FREDRICK	2,298,303
COMPANY, INC.	2,305,851	FILIP, Michael LeRoy Patrick	2,269,253	HARTMANN, MARTINA	2,305,906
DELORME, DAVID M.	2,305,851	FLUGSTAD, BENJAMIN A.	2,275,112	HASHISAKA, ANN E. A.	2,305,943
DELPLANCHE, THIERRY	2,305,944	FOISY, PAUL K.	2,299,789	HASHISAKA, ANN E. A.	2,305,945
DENLEY, RONALD S.	2,298,953	FOLLO, THOMAS	2,300,553	HAVCO WOOD PRODUCTS,	
DESCOMBES, ARTHUR	2,305,885	FOLLO, THOMAS A.	2,300,254	INC.	2,306,308
DESCOMBES, ARTHUR	2,305,887	FONDS DE RECHERCHE DE		HAWKES, ROBERT	2,306,342
DESPLANS, JEAN-PIERRE	2,306,320	L'INSTITUT DE		HEFNER, JOHN GUINN	2,304,910
DEWHURST, Phillip A.	2,269,186	CARDIOLOGIE	2,268,379	HEINISCH, LOTHAR	2,305,893
DÉZIEL, ANDRÉ	2,298,865	FORCE 10 MARINE LTD.	2,306,434	HEMOSOL INC.	2,269,258
DHARANI, LOKESWARAPPA		FORT JAMES CORPORATION	2,305,963	HENKEL	
A.	2,306,308	FORTAIN, JEAN-MARIE	2,305,026	KOMMANDITGESELLSC	
DI BIASE, Joseph J.	2,269,272	FOURNIER, FREDERIQUE	2,305,029	HAFT AUF AKTIEN	2,306,300
DIAMANTE, ERMILDO R.	2,300,351	FRANKLIN, KENT A.	2,302,891	HERITIER, JEAN-MARC	2,304,418
DINTER, CHRISTIAN	2,306,209	FRAPPIER, Benoît	2,268,463	HERTER, Larry	2,269,480
DJORDJEVIC, NEBOJSA	2,305,117	FREMY, GEORGES	2,305,010	HERTER, LARRY	2,306,279
DOI, TAKASHI	2,305,839	FRES-CO SYSTEM USA, INC.	2,305,999	HEYDEN, THOMAS J.	2,305,610
DONAHOE, THOMAS S.	2,299,930	FRESH EXPRESS, INC.	2,306,288	HIDAKA, SEIJI	2,305,854
DONATI, ELISABETTA	2,306,214	FRETTS, Dale	2,269,940	HIGUCHI, Fumii	2,269,363
DONNELLY, Steve	2,269,356	FREUDENBERG, CARL	2,305,114	HILT, GEORGE ALLEN	2,305,838
DORTON, HOWARD L., JR.	2,305,963	FRICK, TIM A.	2,302,136	HIRAKI, TADAYOSHI	2,306,007
DOUGHTY, FREDERICK C.	2,304,271	FRIEDMAN, MICHAEL	2,303,973	HOARAN, VICTOR	2,305,829
DOW CORNING TORAY		FROMMELT INDUSTRIES OF		HOCKER, HARTWIG	2,306,209
SILICONE COMPANY,		CANADA, INC.	2,269,272	HOEKSTRA, GEERT JAN	2,302,071
LTD.	2,301,930	FUKUMOTO, ATSUSHI	2,306,048	HOFGEN, NORBERT	2,305,893
DOW CORNING TORAY		FUKUOKA, HIROYUKI	2,306,037	HOLDER, Anthony	2,271,451
SILICONE COMPANY,		FUKUTA, SHINJI	2,305,839	HOLM, CARL DAVID	2,301,240
LTD.	2,304,903	FULGHUM, TRENT A.	2,299,089	HOLOGIC, INC.	2,305,911
DRAHEIM, REGINA	2,305,893	FURUSAWA, SATOSHI	2,305,908	HOSLE, HELMUT	2,306,338
DUHAULT, JACQUES	2,305,940	FURUSHO, KENTA	2,304,260	HOYA PHOTONICS, INC.	2,304,418
DUMORTIER, PHILIP	2,304,937	GALOMB, DAVID E.	2,305,999	HROMINCHUK, Len	2,268,416
DUNN, ADRIAN	2,303,660	GAUDIO, STEPHEN A.	2,305,919	HROMINCHUK, LEN	2,299,190
DURNEZ, FRANCOIS	2,304,884	GEIDEMAN, CURT M.	2,299,789	HUANG, CHENG-HO	2,298,039
EBBRECHT, THOMAS	2,305,906	GENARD, SYLVIE	2,305,933	HUANG, S. J.	2,305,812
EGGER, THOMAS	2,305,926	GENERAL ELECTRIC		HUANG, S. J.	2,305,813
EHLERT, THOMAS D.	2,302,891	COMPANY	2,306,156	HUBER, ANDREAS	2,305,021
ELCO TEXTRON INC.	2,298,953	GERRIER, CHRISTOPHE	2,304,884	HUBER, ANDREAS	2,305,125
ELF ATOCHEM NORTH		GIARDINA, CHARLES		HUELSBERGEN, LORENZ	
AMERICA, INC.	2,305,928	ROBERT	2,302,140	FRANCIS	2,300,756
ELF ATOCHEM S.A.	2,305,010	GIPPERT, MICHAEL	2,305,906	HULTMAN, CARL ARTHUR	2,301,468
ELF ATOCHEM S.A.	2,305,930	GISH, LARRY D.	2,302,136	HUNT-WESSON, INC.	2,305,943
EM MICROELECTRONIC-		GLUE, PAUL W.	2,306,039	HUNT-WESSON, INC.	2,305,945
MARIN SA	2,305,885	GOBBO, GILLES	2,300,577	HUX, SHAWN E.	2,301,453
EM MICROELECTRONIC-		GODDARD, Michael	2,269,311	HWANG, Tsong-Ming	2,269,438
MARIN SA	2,305,887	GOLANDER, YECHIEL	2,303,973	IHARA, TAKANOBU	2,305,072
EMCON EMANATION		GOLDBERG, Leslie H.	2,269,467	INFINEUM INTERNATIONAL	
CONTROL LTD.	2,272,693	GOLDSCHMIDT AG	2,305,906	LIMITED	2,303,660
EMHART INC.	2,304,271	GRAFE, UDO	2,305,893	INGERSOLL-RAND	
ENERSUL HOLDINGS INC.	2,269,301	GRANDE, Rene	2,269,300	COMPANY	2,282,902
EPROVA AG	2,305,926	GRANDE, RENE	2,305,259	INSTITUT FRANÇAIS DE	
ETHIER, Daniel	2,268,337	GRAY, KEITH A.	2,305,851	PÉTROLE	2,305,029
ETHIER, DANIEL	2,306,094	GREENWOOD, KEN C.	2,305,975	INSTITUT FRANCAIS DU	
EUBIG, JACEK A.	2,304,282	GSW INC.	2,269,189	PETROLE	2,306,320
EVAC INTERNATIONAL OY	2,305,895	GUERET, JEAN-LOUIS H.	2,304,401	INSTRUMENTATION	
EVAC INTERNATIONAL OY	2,305,897	GUILIER, ANNE	2,306,323	LABORATORY, S.P.A.	2,306,236
EWING, William D.	2,269,182	GUIRAMAND, CAROLE	2,305,942	INTERCRAFT COMPANY	2,274,185
FANG, I-NING HSU	2,301,341	HAAS, WOLFGANG	2,305,893	IQBAL, Muhammad Muzafar	2,269,483
FANG, I-NING HSU	2,302,081	HACKL, CHRISTA	2,305,089	ITOU, HIDEKI	2,305,855
FAORO, MARTIN	2,303,701	HAHN, Sungtack Samuel	2,269,260	JACUZZI, REMO C.	2,293,070
FAUCHERE, JEAN-LUC	2,305,940	HALL, STEVEN	2,306,176	JAPAN AS REPRESENTED BY	
FEDER, DIDIER GEORGES	2,305,023	HALSTEAD, Brad	2,269,480	SECRETARY OF	
FEDER, DIDIER GEORGES	2,305,024	HALSTEAD, BRAD	2,306,279	AGENCY OF	

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JAPAN BIOINDUSTRY ASSOCIATION	2,304,260	KUHN S.A.	2,305,000	LITTON SYSTEMS, INC.	2,299,930
JASON INTERNATIONAL, INC.	2,293,070	KUHN S.A.	2,305,003	LIVENS, WIM	2,304,937
JASPERSE, THOMAS J.	2,287,684	KUMAR, AJITH KUTTANNAIR	2,306,156	LLEDOS, BERNARD	2,299,188
JENKINS, MICHAEL D.	2,275,066	KUO, WEN-YI	2,303,715	LOCKHART, Jae Franklin	2,269,313
JENNINGS, RALPH ERNEST	2,302,457	KUPFER, JURGEN	2,305,108	L'OREAL	2,304,401
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JONES, Jason	2,270,020	KUPNICKI, Richard A.	2,269,136	L'OREAL	2,305,025
JORDAN, John P.	2,274,185	KURANE, RYUICHIRO	2,304,260	L'OREAL	2,305,933
JORDON, IAN	2,305,917	KURATA, SHINYA	2,304,260	L'OREAL	2,305,942
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KAI, SHINICHI	2,306,048	LABRECQUE, François	2,270,204	LUCAS, ALUN	2,306,342
KAJIWARA, TOMOYUKI	2,305,855	LACHENDRO, JIM	2,299,789	LUCENT TECHNOLOGIES INC.	2,300,756
KALISH CANADA INC.	2,301,356	LAHN, WOLFGANG	2,306,300	LUCENT TECHNOLOGIES INC.	2,301,236
KALITEC SIGNALISATION INC.	2,269,422	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES	2,299,188	LUCENT TECHNOLOGIES INC.	2,301,341
KAMAGATA, YOICHI	2,304,260	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES	2,305,026	LUCENT TECHNOLOGIES INC.	2,302,081
KAMINSKI, GARY L.	2,306,314	LAMMERT, AMY	2,305,943	LUCENT TECHNOLOGIES INC.	2,302,140
KANAGAWA, TAKAHIRO	2,304,260	LAMMERT, AMY	2,305,945	LUCENT TECHNOLOGIES INC.	2,303,715
KANE, ROBERT S.	2,291,976	LAMPE, STEVEN W.	2,301,415	LUCENT TECHNOLOGIES INC.	2,303,716
KANKYO ENGINEERING CO., LTD.	2,304,260	LANCASTER, PATRICK R., III	2,280,198	LUCENT TECHNOLOGIES INC.	2,303,719
KANSAI PAINT CO., LTD.	2,305,973	LANE, DONALD R.	2,302,871	LUCENT TECHNOLOGIES INC.	2,304,532
KANSAI PAINT CO., LTD.	2,306,007	LANE, DONALD R.	2,306,261	LUCENT TECHNOLOGIES INC.	2,304,695
KANSAI PAINT CO., LTD.	2,306,217	LANTECH MANAGEMENT CORP. AND LANTECH HOLDING CORP. D/B/A LANTECH, INC.	2,280,198	LUCENT TECHNOLOGIES INC.	2,305,059
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KARAPETIAN, Diana	2,269,197	LAPERGUE, GUY JEAN-LOUIS	2,305,024	LYON, LELAND H.	2,282,902
KASARI, AKIRA	2,306,007	LAPERGUE, GUY JEAN-LOUIS	2,305,927	MAAX INC.	2,269,356
KASCH, MICHAEL	2,305,108	LAPOINTE, Jean	2,269,422	MACBETH, BRUCE F.	2,305,910
KASTELIC, EDWARD D.	2,302,136	LASSON, REX H.	2,305,994	MAGATA, YASUHIRO	2,306,179
KATO, KIYOSHI	2,306,217	LASSONDE, Normand	2,268,504	MAIGNAN, JEAN	2,305,933
KAWARADA, Hiroyuki	2,269,381	LATTUADA, ELENA	2,306,236	MAJKOVIC, DAVOR	2,303,662
KDD CORPORATION	2,306,037	LAUGHLIN PRODUCTS, INC.	2,277,499	MAKAR, JOSEPH	2,305,822
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KIANG, T. ROGER	2,303,715	LAZAR, PATRICK I.	2,298,801	MANDEL, Arkady	2,269,364
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KIMBERLY-CLARK WORLDWIDE, INC.	2,302,891	LEDoux, Madeleine	2,270,201	MARCIL, Serge	2,269,449
KINGMAN, ROSS E.	2,302,136	LEFEBVRE, PHILIPPE	2,305,026	MARTIN, BAR	2,299,088
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KINNEY, FREDERICK D.	2,306,261	LES INDUSTRIES ALUBEC INC.	2,268,479	MATSUZAWA, HAJIME	2,305,894
KITA, KENJIRO	2,305,116	LESSARD, Robert	2,268,337	MATTHEWS, LARRY	2,306,436
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KLATT, MARTIN	2,305,089	LEUKHARDT, H. ALAN III	2,301,463	McCOLL, Terry	2,269,300
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KO, Wen-Tsan	2,267,632	LEVENS, NIGEL	2,305,940	MCCORMICK, DEWAYNE LEROY	2,305,828
KOBAYASHI, TOSHIROU	2,305,855	LEVITT, BARRIE	2,303,973	MCCORMICK, MARK ALAN	2,303,716
KOLBE, EDWARD R.	2,275,112	LEW, Gene	2,269,186	MCLAUGHLIN, DANIEL R.	2,305,994
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MILORA, DAVID J.	2,304,837	NISHI, Chika	2,269,381	POIRIER, LOUIS	2,298,801
MINNICK, MICHAEL W.	2,291,976	NIXON, Neville P.	2,269,314	PONDELICK, MARK A.	2,305,895
MISAWA HOMES CO., LTD.	2,299,647	NORANDA INC.	2,306,436	POPPE, HILDEGARD	2,305,893
MISAWA, HIROMITSU	2,305,042	NORDBERG, ANTHONY	2,305,484	PRITCHARD, ERIC	2,305,833
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MITEL CORPORATION	2,304,900	NORTHERN TELECOM LIMITED	2,269,298	Q2 MARKETING, LLC	2,302,123
MITSUBISHI HEAVY INDUSTRIES, LTD.	2,305,855	OATEY CO.	2,291,976	RACING STROLLERS, INC.	2,305,846
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MIZUNO CORPORATION	2,305,116	OOMS, DIRK	2,304,937	RAPAPORT, IRINA	2,306,214
MIZUNO, YOSHIYUKI	2,302,103	ORMISTON, MALCOLM D.	2,289,379	REID, LENNOX E.	2,304,323
MOEN INCORPORATED	2,302,136	ORSIC, MILO	2,304,695	RENAUD, Patrick	2,268,407
MONTANARO, Giuseppe	2,273,565	ORTEGA, ALEJANDRO V.	2,306,040	RENK- AKTIENGESELLSCHAFT	2,306,338
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MORGAN, William	2,271,451	PAATZ, KATHLEEN	2,306,300	RICHARD, PAUL D.	2,301,468
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MULCAHY, MICHAEL K.	2,295,456	PAOLITTO, ANTHONY	2,306,063	ROBERTS, CYRUS J.	2,289,379
MULLER, HANS RUDOLF	2,305,926	PAPER CONVERTING MACHINE COMPANY	2,299,745	ROBESON, LLOYD MAHLON	2,304,910
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MUNTEANU, VIOLETA F.	2,302,871	PARKER, KENNETH W.	2,305,985	ROEMER, ERNST	2,305,893
MUNTEANU, VIOLETA F.	2,306,261	PASS & SEYMOUR, INC.	2,305,910	ROESLER, RICHARD R.	2,304,421
MURATA MANUFACTURING CO., LTD.	2,305,854	PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH	2,305,021	ROTH, RICHARD	2,302,123
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KEES, URSULA R.	2,317,816	ANONYME POUR L'ETUDE		LI, XIAOHONG	2,318,466
KELLOGG COMPANY	2,317,776	ET L'EXPLOITATION DES		LI, XUEQIN	2,318,466
KEMIRA CHEMICALS OY	2,318,540	PROCED	2,318,387	LI, ZHU	2,318,466
KENNY, SIMON JOSEPH	2,318,154	LAL, PREETI	2,317,812	LIAO, ZIHAN	2,318,466
KEY, WILLIAM S.	2,318,140	LAL, PREETI	2,317,814	LIAU, CHRISTINE J. Y.	2,317,746
KIKUGAWA, SHINGO	2,318,422	LAMPE, WILLIAM H.	2,318,228	LICHKUS, ANDREW M.	2,317,763
KILDUFF, EDWARD H.	2,318,472	LAMPI, RUDOLPH K.	2,317,649	LILLARD, JAMES	2,316,323
KIM, DAE-GYUN	2,318,342	LAMSON, THEODORE C.	2,318,344	LIN, CHAO	2,318,161
KIM, JAEHO	2,318,137	LANDEN, TORQUIL GEORGE		LINDRUD, MARK D.	2,317,736
KIM, MI-KYUNG	2,317,673	SPENCER	2,318,560	LINNEBERG, CHRISTIAN	2,318,502
KIM, MUNSANG	2,318,626	LANG, GERARD	2,317,944	LIU, YANMING	2,318,423
KIM, SANG-GEON	2,317,673	LANG, GERARD	2,317,945	LIU, YUEFANG	2,318,466
KIM, SONG-BAE	2,317,113	LANG, GERARD	2,317,947	LLOYD, ANDREW	2,318,110
KIMOTO CO., LTD.	2,317,634	LANG, GERARD	2,317,948	LLOYD, CHRISTOPHER JAMES	2,318,170
KINERTON LIMITED	2,318,513	LANG, GERARD	2,317,953	LLOYD, MATTHEW D.	2,316,401
KIPLING, KENT	2,317,730	LANG, GERARD	2,318,308	LOCKHEED MARTIN ENERGY	
KIRICHENKO, ALEXANDER V.	2,318,471	LANG, GERARD	2,318,319	RESEARCH	
KIRKPATRICK, DOUGLAS A.	2,317,730	LANG, GERARD	2,318,320	CORPORATION	2,318,140
KITACHINE, YOURI	2,318,174	LANG, GERARD	2,318,321	LOCK-O'BRIEN, JODI J. L.	2,317,836
KLEIN, HANS J.	2,318,168	LANG, GERARD	2,318,322	LOCTITE (R & D) LIMITED	2,318,167
KLETZL, FRANZ	2,318,429	LANG, GERARD	2,318,328	LOCTITE CORPORATION	2,318,167
KLICH, MICHEL	2,317,951	LANG, GERARD	2,318,329	LODAYA, JAYANT S.	2,318,457
KLIMAN, GERALD BURT	2,317,583	LANGER, ROBERT S.	2,317,777	LOHSE, JESPER	2,318,400
KLINE & WALKER LLC	2,318,139	LANGFORD, DALE ELLIOT	2,318,031	L'OREAL	2,317,944
KLING, LOTHAR	2,315,974	LANGHEIM, HERMANN	2,318,248	L'OREAL	2,317,945
KLOPFENSTEIN, SEAN REES	2,318,487	LANGLOIS, MICHEL	2,318,381	L'OREAL	2,317,947
KLUGER, RONALD H.	2,317,836	LANGSTAFF, SARAH DORTHEA	2,318,085	L'OREAL	2,317,948
KNOLL, DEAN L.	2,318,081	LAPOINTE, ROBERT E.	2,317,774	L'OREAL	2,317,953
KOBATAKE, HIDEKI	2,318,138	LARONDE, MICHAEL L.	2,318,033	L'OREAL	2,318,308
KOHLER, HANS-JURGEN	2,318,561	LARSON, KENNETH A.	2,315,975	L'OREAL	2,318,319
KOLTAL, FERENC	2,317,654	LASERTRON	2,316,830	L'OREAL	2,318,320
KOMET		LAUGHLIN, JAMES	2,317,770	L'OREAL	2,318,321
PRÄZISIONSWERKZEUGE		LAUKS, IMANTS R.	2,318,161	L'OREAL	2,318,322
ROBERT BREUNING		LAURILA-LUMME, AULI	2,318,072	L'OREAL	2,318,328
GMBH	2,318,109	LAURIN, PATRICK	2,317,951	L'OREAL	2,318,329
KOMLOSI, MIHALY	2,317,635	LAVALLE, EDWARD R.	2,316,973	LOU, CHICHENG	2,318,466
KONDO, HISAO	2,318,418	LaVEAN, MICHAEL G.	2,318,121	LOUGHMAN, THOMAS CIARAN	2,318,513
KONDO, KATSUAKI	2,318,066	LAVEAN, MICHAEL G.	2,318,226	LOWE, JOHN MICHAEL	2,318,153
KONG, SEUNG-HYUN	2,318,038	LAVILLETTE, DIMITRI	2,317,026	LU, PRISCILLA MARILYN	2,317,731
KONING, G. PAUL	2,318,104	LEBOEUF, ALBERT R.	2,317,757	LU, YING-YUH	2,317,773
KONINKLIJKE KPN N.V.	2,317,771	LECORDIX, JEAN LOIC	2,318,373	LUCARELLI, MICHAEL A.	2,318,294
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KONINKLIJKE PHILIPS		LEE, BRUCE	2,318,331	LUDWIG, LESTER F.	2,318,395
ELECTRONICS N.V.	2,318,429	LEE, HYUN-SEOK	2,318,342	LULY, JAY R.	2,318,088
KOSA, THEODORE	2,318,408	LEE, LINDA G.	2,318,160	LUMEND, INC.	2,318,470
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KOTTING, JOSEF	2,318,040	LEICA CAMERA AG	2,318,111	LUSSIER, MARC	2,314,611
KOYO SEIKO CO., LTD.	2,317,658	LEINEN, ROGER W.	2,318,211	LUSSO, PAOLO	2,316,447
KREITZ, ROBERT D.	2,318,467	LEINO, HANNU JUHANI	2,318,072	MACLENNAN, DONALD A.	2,317,730
KREUTZMANN, PETER	2,315,976	LEMPERS, EDWIN LEO MARIO	2,318,065	MAGERT, HANS-JURGEN	2,315,976
KRISHNA, PATTABHIRAMAN	2,317,637	LENG, YONGZHANG	2,317,730		

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MAHAPATRA, AMARESH	2,318,204	MICRO MOTION, INC.	2,317,678	MOULE, SIMON	2,318,285
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MANDEVILLE, W., HARRY III	2,318,417	MILLER, MORTEN	2,317,959	MUKAIHIRA, TAKAFUMI	2,318,351
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MARTINELLI, TERESA	2,318,440	MILUTINOVIC, SANDRA GINETTE	2,317,536	MULLER, SIGRID	2,318,117
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MCCAFFERTY, MICHAEL A.	2,317,758	MINNESOTA MINING AND MANUFACTURING COMPANY	2,318,428	NAKASATO, YOSHISUKE	2,318,088
MCCAY HOLDINGS PTY. LTD.	2,317,655	MINNESOTA MINING AND MANUFACTURING COMPANY	2,318,422	NASOFF, MARC S.	2,318,175
MCCAY, GARY JEFFREY	2,317,655	MINNESOTA MINING AND MANUFACTURING COMPANY	2,318,422	NATHAN, SRIDHAR	2,318,077
MCCLUNG, GUY LAMONT III	2,318,031	MINNESOTA MINING AND MANUFACTURING COMPANY	2,318,422	NEATO (UK) LIMITED	2,318,042
MCCOY, JOHN M.	2,316,973	MINNESOTA MINING AND MANUFACTURING COMPANY	2,318,422	NEDERLANDSE ORGANISATIE VOOR TOEGEPAST- NATUURWETENSCHAPPE LIJK ONDERZOEK	2,317,641
McGARIAN, BRUCE	2,318,157	MITCHELL, JONATHAN E.	2,318,433	NEDERLANDSE ORGANISATIE VOOR TOEGEPAST- NATUURWETENSCHAPPE LIJK ONDERZOEK	2,317,643
MCGILL UNIVERSITY	2,314,611	MITCHELL, PORTER H.	2,318,201	NENTWIG, WOLFGANG	2,318,142
MCI WORLDCOM, INC.	2,318,077	MITRAGOTRI, SAMIR S.	2,317,777	NETLIBRARY, INC.	2,318,445
MCI WORLDCOM, INC.	2,318,438	MITSUBISHI CABLE INDUSTRIES, LTD.	2,318,066	NEW TRANSDUCERS LIMITED	2,318,292
MCI WORLDCOM, INC.	2,318,462	MITSU MINING & SMELTING COMPANY, LTD.	2,318,422	NEXELL THERAPEUTICS INC.	2,317,756
MCI WORLDCOM, INC.	2,318,463	MIYAZAKI, YUTAKA	2,318,351	NICKEL RAINBOW LTD.	2,318,391
MCINTOSH, P. STUCKEY	2,318,396	MIZELLI, HERBERT	2,318,185	NICKLIN, STEPHEN	2,318,170
MEDICAL CARBON RESEARCH INSTITUTE, LLC	2,318,130	MIZUGUCHI, KENJI	2,318,116	NIGAM, ANIL	2,318,290
MEDICAL INDUSTRIES CORP.	2,317,661	MOBIL OIL CORPORATION	2,318,061	NIGGEMANN, DIRK	2,318,210
MEDICAL INFORMATION SERVICES, INC.	2,318,418	MOCHIDA PHARMACEUTICAL CO., LTD.	2,318,351	NINNESS, RAYMOND W.	2,318,222
MEILHON, DANIEL	2,318,460	MOK, TSUNG D.	2,317,765	NISHIDA, HIDEIMITSU	2,318,351
MELAMED, ELDAD	2,317,811	MOPLEFAN (U.K.) LIMITED	2,318,063	NISHIKIBE, MASARU	2,318,184
MELO, ANTONIO	2,318,624	MORAN, EDMUND J.	2,318,055	NOCERA, TINA M.	2,318,625
MENZER, REINHARD	2,318,253	MORAN, EDMUND J.	2,318,192	NOKIA NETWORKS OY	2,318,480
MERBERG, DAVID	2,316,973	MORE, ROBERT B.	2,318,130	NONOMURA, MUNEKO	2,317,039
MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG	2,318,399	MORGAN, TIMOTHY A.	2,318,438	NORDBY, DAVID C.	2,317,627
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MERSMANN, FRANZ-JOSEF	2,318,051	MORGAN, TIMOTHY A.	2,318,463	NORTEL NETWORKS CORPORATION	2,318,146
MERTENS, BAUDOUIN	2,317,755	MORICE, ANDRE PIERRE	2,317,956	NORTHROP, JOHN	2,317,112
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MESHKOVSKY, KONSTANTIN A.	2,317,751	MORINAGA MILK INDUSTRY CO., LTD.	2,318,116	NOVARTIS AG	2,318,145
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		MORT, PAUL R., III	2,318,491	NPS ALLELIX CORP.	2,316,403
		MORTIMER, JOHN H.	2,317,649	NUMAR CORPORATION	2,318,033
		MORVAN, MIKEL	2,318,383	NYCE, JONATHAN W.	2,316,994
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		MOSS, STEPHEN FREDERICK	2,317,740	OBENDORF, MAIK	2,315,974
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ON TRACK INNOVATIONS LTD.	2,318,538	PRINGLE, RONALD E.	2,318,323	RUOHIO, RAIMO	2,318,409
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PC VANE INC.	2,318,234	RENARD, PIERRE	2,318,381	SANOFI-SYNTHELABO	2,318,326
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VAN NGUYEN, GIA	2,317,915
VAN NGUYEN, GIA	2,317,943
WEDER, DONALD E.	2,318,515
WIDEMAN, AL STEVEN	2,318,657
WRIGHT, DANIEL RICHARD	2,318,657
YADEGAR, JACOB	2,318,582
YODER, JOHN T.	2,318,024