

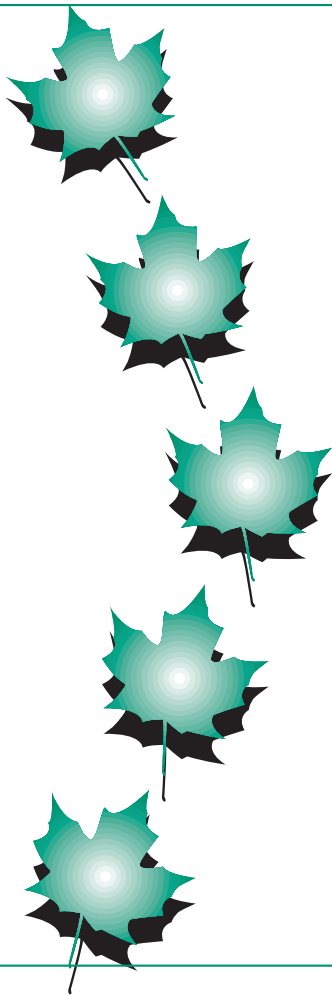


**Canadian  
Intellectual Property  
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**Office de la propriété  
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Un organisme  
d'Industrie Canada



**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

Vol. 128, No. 4 January 25, 2000

Vol. 128, N° 4 le 25 janvier 2000

**Canada**



# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

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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) 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 a choice of downloading the complete document or each section individually. Current editions are posted weekly on Tuesdays and an archive of past editions dating from April 1999 is available as well.

In order to prevent disruption of service to those clients who still require printed copies, CIPO will, on request, print copies for distribution to current subscribers, free of charge until March 31, 2000, after which copies will be available for a fee.

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### Avis important aux abonnés

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

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

Dans le but d'éviter toute interruption de service aux clients qui désirent obtenir des exemplaires sur support papier, l'OPIC imprimera, sur demande, un certain nombre de copies. Ce service sera disponible gratuitement jusqu'au 31 mars, 2000, après quoi des frais s'appliqueront.

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

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, 1999 will be shown as 1999-01-02.

#### Code Numerals

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

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

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

## Avis

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

#### Dates

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

#### Chiffres de code

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

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

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

## 2. Country Code

A complete list of country codes has been published in the issue of October 26, 1999 and will be published twice a year in the last issues of April and October.

## 3. Canadian Class Titles

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

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

## 4. Class Schedules and Definitions

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

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 (\$) per copy by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

## 2. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 26 octobre 1999 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 eight dollars (\$8) 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).
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- 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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A listing of all patents that have issued in each class or subclass, including both patents in force and expired patents, 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

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

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.

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

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

#### 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.

#### 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

### 9. Brevets disponibles pour licence ou vente

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.

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 this week for sale or licensing.

2,174,941          2,201,276

### 11. Patents Available for Licence or Sale

The following Canadian patents are available for licencing or sale.

2,166,429

Title: Modular Floor Cover

Issue date: October 27, 1998

Inventor & owner: Mr. Marcel Long

1,260,107

Title: Fire Hydrant Sentry

Issue date: September 26, 1989

Inventor & owner: Mr. Mario Parisi

### 12. 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. 1,140, 300 which issued on January 25, 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.

### 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.

2,174,941          2,201,276

### 11. Brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants sont disponibles pour octroi de licence ou vente.

2,166,429

Titre: Revêtement de sol modulaire

Date de délivrance: 27 octobre 1998

Inventeur et propriétaire: M. Marcel Long

1,260,107

Titre: Sentinelle de borne fontaine

Date de délivrance: 26 septembre 1989

Inventeur et propriétaire: M. Mario Parisi

### 12. 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 25 janvier 1983 sont maintenant expirés, jusque et y compris le no. 1,140, 300. 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.



### **13. 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.

### **14. 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).

### **13. 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.

### **14. Langue du document publié**

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

## Notices

### 15. Patent Cooperation Treaty (PCT)

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

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

#### BARÈME DE TAXES EN VIGUEUR À PARTIR DU 1 JANVIER 2000

| FEES   | AMOUNTS<br>\$   |
|--|-----------------|
| 1. <b>Transmittal Fee:</b> (Rule 14)   | 200.00          |
| 2*. <b>Basic Fee:</b> (Rule 15.2(a))<br>Amount for each additional sheet over 30   | 630.00<br>15.00 |
| 3. <b>Designation Fee:</b> (Rule 15.2(a))<br>The maximum that can be charged for the Designation Fee is \$1,088.00; therefore, if more than 10 countries are designated the fee remains \$1,088.00 | 136.00          |

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

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

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

#### Preliminary Examination

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

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

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

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

| TAXES  | MONTANTS<br>\$  |
|--|-----------------|
| 1. <b>Taxe de transmission:</b> (Règle 14)   | 200,00          |
| 2*. <b>Taxe de base:</b> (Règle 15.2(a))<br>Montant pour chaque feuille au delà de 30  | 630,00<br>15,00 |
| 3. <b>Taxe de désignation</b> (par pays) (Règle 15.2(a))<br>Le maximum payable pour la taxe de désignation est de 1 088,00 \$; donc, si plus que 10 pays sont désignés, la taxe demeure 1 088,00 \$. | 136,00          |

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

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

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

#### Examen préliminaire

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

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

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

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

## 16. 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>.

## 17. New Industrial Design Regulations

Notice is hereby given that on December 2, 1999, the Governor in Council approved the *Industrial Design Regulations*, which replaces the previous *Industrial Designs Rules (CRC, c. 964)*.

The new *Industrial Design Regulations* resulted in the Governor in Council having sole responsibility for the regulations; facilitated the introduction of electronic commerce and further included administrative requirements for filing dates, priority filings, registered proprietors, notification of appointment of agents, third party protests to a registration, postal addresses, paper size and copies.

The new *Industrial Design Regulations* are in effect as of December 15, 1999 and contained in Part II of the *Canada Gazette*, Vol. 133, No. 26, SOR/99-459 and SOR/99-460 on December 22, 1999. You may obtain a copy of this publication by contacting:

## 16. 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>.

## 17. Nouveau règlement sur les dessins industriels

Avis est, par la présente, donné qu'en date du 2 décembre, 1999, la gouverneure en conseil a approuvé le *Règlement sur les dessins industriels* remplaçant les *Règles sur les dessins industriels (CRC, c. 964)*.

Ce nouveau *Règlement* assure que la gouverneure en conseil est l'unique responsable pour toute modification au *Règlement*; il permet également le commerce électronique et clarifie les procédures administratives quant aux dates de dépôt, aux demandes prioritaires, aux propriétaires inscrits, aux avis de désignation de mandataires, aux protêts de tiers à l'endroit d'un enregistrement, aux adresses postales, au format de papier et à la fourniture de copies.

Le nouveau *Règlement* est en vigueur le 15 décembre 1999 et figure à la Partie II de la *Gazette du Canada*, Volume 133, No. 26, DORS/99-459 et DORS/99-460, en date du 22 décembre 1999. De plus, vous pouvez vous procurer un exemplaire de cette publication en vous adressant à :

## Notices

The Canada Gazette  
Canadian Government Publishing Centre  
Government Services Canada Ottawa, Ontario  
K1A 0S9  
Tel: (613) 956-4802

La Gazette du Canada  
Centre d'édition du gouvernement du Canada  
Services gouvernementaux Canada, Ottawa (Ontario)  
K1A 0S9  
tél: (613) 956-4802

Amendments can also be accessed on the Web site of the Canadian Intellectual Property Office at:

<http://cipo.gc.ca>

### **18. Laid-Open Applications**

The Patent Office Record of January 25, 2000 contains laid-open applications from January 2, 2000 - January 8, 2000.

Les modifications sont également accessibles sur le site Web de l'Office de la propriété intellectuelle du Canada:

<http://cipo.gc.ca>

### **18. 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 2 janvier 2000 - 8 janvier 2000.

## Avis

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January 25, 2000

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[51] **Int.Cl. 6C12N 15/09 6C07K 14/15**  
**6C12P 21/00 6G01N 33/53 6G01N 33/531**  
**6C12Q 1/70**  
[25] EN  
[54] **PRODUCTION OF HUMAN T-CELL LEUKEMIA (LYMPHOTROPIC) RETROVIRUS (HTLV-I) ENVELOPE PROTEIN FRAGMENTS IN BACTERIA AND USE IN SEROEPIDEMIOLOGICAL SURVEY OF HUMAN LYMPHOID MALIGNANCIES**  
[54] **PRODUCTION BACTERIENNE DE FRAGMENTS DE PROTEINE DE L'ENVELOPPE DU RETROVIRUS DE LA LEUCEMIE (LYMPHOTROPIQUE) DES CELLULES T DE L'HUMAIN (HTLV-I), AINSI QUE SON USAGE DANS LE DEPISTAGE SEROEPIDEMIOLOGIQUE DE TUMEURS MALIGNES LYMPHATIQUES CHEZ LES HUMAINS**  
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[72] Samuel, Kenneth, US  
[72] Lautenberger, James A., US  
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[54] **RECOMBINANT DNA PRODUCT AND METHODS**  
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[54] **CANCER-RELATED ANTIGEN-SPECIFIC HUMAN IMMUNOGLOBULINS AND HUMAN/HUMAN HYBRIDOMAS HAVING THE ABILITY TO PRODUCE SAID HUMAN IMMUNOGLOBULINS**  
[54] **IMMUNOGLOBULINES HUMAINES SPECIFIQUES A UN ANTIGENE ASSOCIE A UN CANCER, ET HYBRIDOMES HUMAIN/HUMAIN POUVANT PRODUIRE CES IMMUNOGLOBULINES HUMAINES**  
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[54] **METHOD OF PRODUCING METAL BASE COMPOSITE MATERIAL UNDER PROMOTION OF MATRIX METAL INFILTRATION BY FINE PIECES OF THIRD MATERIAL**  
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[54] PRODUITS VEGETAUX PRESENTANT UNE STABILITE ACCRUE AUX TEMPERATURES DE CONGELATION; METHODE CONNEXE DE FABRICATION  
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[73] SHELL CANADA LIMITED, CA  
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[54] **MACINE A AFFRANCHIR ELECTRONIQUE A MISE U JOUR DE LA COMPTABILITE A SECURITE ACCRUE**  
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[72] Korsnes, Lars, NO  
[73] Dynal A.S., NO  
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[54] **METHODE ET DISPOSITIF DE SCELLAGE D'UN OPERCULE SUR UN BEC**  
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[73] SOCIETE DES PRODUITS NESTLE S.A., CH  
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[54] **CIRCUIT DE COMMANDE D'ALIMENTATION POUR LAMPE A DECHARGE ET SON MODE D'EMPLOI**  
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[72] Ganter, Didier, FR  
[72] Gonin, André, FR  
[73] LOHR INDUSTRIE, Société Anonyme,  
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[73] Union Camp Corporation, US  
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[73] Sotralentz S.A., FR  
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[30] DE (P 39 05 976.6-22) 1989-02-25

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[13] C

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[54] METHODE DE PREPARATION  
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[73] SHELL CANADA LIMITED, CA  
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[11] 2,011,207  
[13] C

[51] Int.Cl. 5B05B 1/10  
[25] EN  
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[54] DISTRIBUTEUR OU  
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[72] Dennis, Stephen R., US  
[73] CONTINENTAL SPRAYERS  
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[11] 2,011,446  
[13] C

[51] Int.Cl. 6A01N 25/16  
[25] EN  
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[54] MOUSSES PESTICIDES ET  
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[72] Barnett Jr., Horace G., US  
[73] BAYER CORPORATION, US  
[22] 1990-03-05  
[30] US (07/324,155) 1989-03-16

[11] 2,011,917  
[13] C

[51] Int.Cl. 6C12N 5/06 6C12M 3/00  
[25] EN  
[54] METHOD AND APPARATUS FOR  
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GROWTH OF CELLS IN CULTURE  
MEDIUM  
[54] METHODE ET APPAREIL POUR  
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[11] 2,012,243  
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[51] Int.Cl. 6F02C 7/00  
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[72] Anderson, Bernard Joseph, US  
[73] GENERAL ELECTRIC COMPANY,  
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[25] EN  
[54] **PROCESSES FOR THE PREPARATION AND SEPARATION OF MACROMOLECULES**  
[54] **METHODE DE PREPARATION ET DE SEPARATION DE MACROMOLECULES**  
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[72] Turmel, Chantal, CA  
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[73] XEROX CORPORATION, US  
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[13] C

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[25] EN  
[54] **BIS(1-HYDROCARBYLOXY-2,2,6,6-TETRAMETHYLPYPERIDIN-4-YL)-AMINE DERIVATIVES AND STABILIZED COMPOSITIONS**  
[54] **DERIVES BIS(1-HYDROCARBYLOXY-2,2,6,6-TETRAMETHYLPYPERIDIN-4-YL)-AMINE ET COMPOSITIONS STABILISEES**  
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[73] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
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[13] C

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[54] **EMETTEUR-RECEPTEUR POUR SYSTEME DE TRANSMISSION DE DONNEES**  
[72] Yungers, Christopher R., US  
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[25] EN  
[54] **MOLDABLE LOW DENSITY THERMOPLASTIC COMPOSITE WITH HOLLOW GLASS SPHERES AND THE METHOD FOR COMPOUNDING**  
[54] **MATERIAU COMPOSITE THERMOPLASTIQUE, MOULABLE, DE FAIBLE DENSITE, CONTENANT DES BILLES DE VERRE, ET PROCEDE DE FABRICATION**  
[72] Eckstein, Yona, US  
[72] Wilson, Gary F., US  
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[54] **CAPACITIVE SENSOR OF DISPLACEMENT AND TWIST ANGLE SENSOR INCLUDING AT LEAST ONE SUCH CAPACITIVE SENSOR**  
[54] **CAPTEUR DE DEPLACEMENT CAPACITIF ET CAPTEUR D'ANGLE DE TORSION COMPORTANT AU MOINS UN TEL CAPTEUR**  
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[73] THOMSON-CSF, FR  
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[51] **Int.Cl. 6F02K 1/12**  
[25] EN  
[54] **AXISYMMETRIC VECTORIZING EXHAUST NOZZLE**  
[54] **TUYERE D'ÉCHAPPEMENT A ORIENTATION ISOMETRIQUE**  
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[73] GENERAL ELECTRIC COMPANY, US  
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[54] **ADAPTATEUR POUR MICROSCOPE**  
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[73] YALE UNIVERSITY, US  
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[13] C

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[25] EN  
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[73] Pitney Bowes Inc., US  
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[13] C

[51] **Int.Cl. 6A23C 19/032 6A23C 19/05**  
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[54] **PROCESS FOR THE PRODUCTION OF A CHEESE CURD CONTAINING WHEY PROTEIN AND CHEESES PREPARED THEREFROM**  
[54] **PROCEDE DE PRODUCTION D'UN CAILLE CONTENANT DES PROTEINES DE LACTOSERUM ET FROMAGES FABRIQUES A PARTIR DE CE CAILLE**  
[72] Sueyasu, Ryoichi, JP  
[72] Sagara, Kazuhiko, JP  
[72] Ueda, Kunio, JP  
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[25] FR  
[54] **PROCEDE DE CONSERVATION A L'ETAT VIVANT SANS IMMERSION D'ANIMAUX AQUATIQUES TELS QUE: POISSONS, CRUSTACES, COQUILLAGES**  
[54] **PROCESS FOR THE CONSERVATION OF LIVE UNIMMERSED AQUATIC ANIMALS SUCH AS FISHES AND SHELL FISHES**  
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[13] C

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[54] **OIL-BASED PAINT**  
[54] **PEINTURE A L'HUILE**  
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[73] Chroma Acrylics (NSW) Pty. Ltd., AU  
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[72] Jarrell, Jim, CA  
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[13] C

[51] **Int.Cl. 5C07D 239/46 5C07D 413/00 5A01N 43/00 5C07D 403/10 5C07D 417/10 5C07D 405/12 5C07D 401/14**  
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[54] **URACIL DERIVATIVES AND HERBICIDES CONTAINING THE SAME AS ACTIVE INGREDIENT**  
[54] **DERIVES DE L'URACILE ET HERBICIDES EN RENFERMANT COMME INGREDIENT ACTIF**  
[72] Satow, Jun, JP  
[72] Itoh, Kaoru, JP  
[72] Fukuda, Kenzou, JP  
[72] Watanabe, Shigeomi, JP  
[72] Nawamaki, Tsutomu, JP  
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[22] 1990-07-12  
[30] JP (181824/89) 1989-07-14  
[30] JP (187065/89) 1989-07-19  
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[13] C

[51] **Int.Cl. 6G08B 13/24**  
[25] EN  
[54] **ELECTRONIC ARTICLE SURVEILLANCE TAG AND METHOD OF DEACTIVATING TAGS**  
[54] **ETIQUETTE DE SURVEILLANCE ELECTRONIQUE D'ARTICLES ET METHODE DE DESACTIVATION DE CETTE ETIQUETTE**  
[72] Froning, Robert Lee, US  
[72] Bengel, S. Eugene, US  
[73] SENSORMATIC ELECTRONICS CORPORATION, US  
[22] 1990-07-31  
[30] US (397,804) 1989-08-23

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[11] **2,022,698**  
[13] C

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[72] Evans, Philip Anthony, GB  
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[13] C

[51] **Int.Cl. 6B01J 2/28 6C22B 1/16 6C22B 1/244**  
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[54] **AGGLUTINATION DE MATERIAUX PRESENTS SOUS FORME DE PARTICULES**  
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[72] Allen, Anthony P., GB  
[73] ALLIED COLLOIDS LIMITED, GB  
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[11] **2,024,415**  
[13] C

[51] **Int.Cl. 5H01R 43/048**  
[25] FR  
[54] **DISPOSITIF POUR SERTIR DES ELEMENTS DE CONNEXION SUR DES CONDUCTEURS ELECTRIQUES ET SYSTEME DE SERTISSAGE AUTOMATIQUE COMPORTANT UN TEL DISPOSITIF**  
[54] **APPARATUS FOR CRIMPING CONNECTION ELEMENTS ON ELECTRIC CONDUCTORS AND AUTOMATIC CRIMPING SYSTEM WITH SUCH APPARATUS**  
[72] Cerda, Léon Germain, FR  
[73] Société Anonyme dite : Aérospatiale Société Nationale, FR  
[22] 1990-08-31  
[30] FR (89 11445) 1989-08-31

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[11] **2,025,511**  
[13] C

[51] **Int.Cl. 6G06F 13/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONCEALING THE ENABLEMENT OF A DEVICE BY MODIFYING A STATUS WORD**  
[54] **METHODE ET APPAREIL POUR DISSIMULER LA VALIDATION D'UN DISPOSITIF EN MODIFIANT UN MOT D'ETAT**  
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[54] **METHOD AND APPARATUS FOR PREVENTING BUS CONTENTION PROBLEMS BETWEEN TWO PROCESSORS**  
[54] **METHODE ET DISPOSITIF POUR EMPECHER LES PROBLEMES D'ENCOMBREMENT DE BUS ENTRE DEUX PROCESSEURS**  
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[72] Murray, Jeffrey P., US  
[73] **TELOGY NETWORKS, INC.**, US  
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[13] C

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[54] **ABSORBENT FOR THE REMOVAL OF BIOMACROMOLECULES SUCH AS LDL AND ENDOTOXINS FROM WHOLE BLOOD IN EXTRACORPOREAL CIRCUITS**  
[54] **ABSORBANT POUR L'ELIMINATION DE MACROMOLECULES BIOLOGIQUES COMME LES LDL ET LES ENDOTOXINES DANS LE SANG ENTIER EN CIRCULATION EXTRACORPORELLE**  
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[73] **Fresenius AG**, DE  
[22] 1990-10-02  
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[72] Che-Fong Yao, Raymond, US  
[73] **ELI LILLY AND COMPANY**, US  
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[25] EN  
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[54] **METHODE ET DISPOSITIF INFORMATIQUES DE RAPPROCHEMENT**  
[72] Proulx, Thomas Andrew, US  
[72] Dunn, Eric Campbell Williams, US  
[73] Intuit, US  
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[13] C

[51] **Int.Cl. 6H02P 5/41**  
[25] EN  
[54] **ADJUSTABLE SPEED AC DRIVE SYSTEM CONTROL FOR OPERATION IN PULSE WIDTH MODULATION AND QUASI-SQUARE WAVE MODES**  
[54] **COMMANDE POUR SYSTEME D'ENTRAINEMENT A COURANT ALTERNATIF A VITESSE VARIABLE POUVANT FONCTIONNER EN MODE DE MODULATION D'IMPULSIONS EN DUREE ET EN MODE A ONDES QUASI-CARREES**  
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[72] Szczesny, Paul Michael, US  
[73] **GENERAL ELECTRIC COMPANY**, US  
[22] 1990-10-18  
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[13] C

[51] **Int.Cl. 6C08F 2/46 6G03F 5/24 6C08F 2/50**  
[25] EN  
[54] **PROCESS FOR ADJUSTING THE SENSITIVITY TO RADIATION OF PHOTOPOLYMERIZABLE COMPOSITIONS**  
[54] **METHODE POUR REGLER LA SENSIBILITE AU RAYONNEMENT DES COMPOSES PHOTOPOLYMERISABLES**  
[72] Hofmann, Manfred, CH  
[72] Klingert, Bernd, DE  
[72] Hunziker, Max, CH  
[72] Wiesendanger, Rolf, CH  
[72] Schulthess, Adrian, CH  
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[73] **CIBA SPECIALTY CHEMICALS HOLDING INC.**, CH  
[22] 1990-10-25  
[30] CH (3901/89-0) 1989-10-27

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[13] C

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[54] **METHODE D'APPLICATION D'ENDUITS**  
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[72] Merz, Vernon Ralph, US  
[73] **SOCIETE DES PRODUITS NESTLE S.A.**, CH  
[22] 1990-10-31  
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[13] C

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[25] EN  
[54] **BI-DIRECTIONAL SNAP-ACTION REGISTER DISPLAY MECHANISM**  
[54] **INDICATEUR DE COMPTEUR BIDIRECTIF A DETENTE BRUSQUE**  
[72] Marshall, John D., US  
[72] Swinson, Thierry W., US  
[72] Bennett, Richard L., US  
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[73] **Schlumberger Industries, Inc.**, US  
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[51] Int.Cl. 6G01S 13/74 6G08G 1/123  
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[54] HIGH SPEED SYSTEM FOR  
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AND INTO REMOTE TAGS  
[54] SYSTEME RAPIDE DE LECTURE-  
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[25] EN  
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[54] ANTICORPS MONOCLONAUX  
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[85] 1990-12-19  
[86] 1990-04-25 (PCT/JP90/00538)  
[87] (WO90/12884)  
[30] JP (1-103471) 1989-04-25

[11] 2,031,904  
[13] C

[51] Int.Cl. 5A63B 37/12 5B29D 31/00  
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[25] EN  
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[54] MELANGE DE REVETEMENT  
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[22] 1990-12-10  
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[13] C

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[25] EN  
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[54] PROCEDE DE PRODUCTION DE  
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[72] Higashi, Tamio, JP  
[72] Hino, Kenichi, JP  
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[73] Kuraray Co. Ltd., JP  
[22] 1990-12-28  
[30] JP (341691/89) 1989-12-30

[11] 2,040,187  
[13] C

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[25] EN  
[54] SCANNING DENSITOMETER  
[54] DENSITOMETRE A BALAYAGE  
[72] Bowden, David R., US  
[72] Ouwinga, Ross A., US  
[72] Zandstra, Lawrence D., US  
[73] X-Rite, Inc., US  
[22] 1991-04-10  
[30] US (512,856) 1990-04-23

[11] 2,040,594  
[13] C

[51] Int.Cl. 5G11B 11/03 5G11B 21/02  
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[25] EN  
[54] CONTROL SYSTEM FOR ION  
PROJECTION PRINTING AND THE  
LIKE  
[54] SYSTEME DE CONTROLE POUR  
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PROJECTION D'IONS ET AUTRES  
ELEMENTS SEMBLABLES  
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[72] Dunphy, Robert H., US  
[73] Armstrong World Industries, Inc., US  
[22] 1991-04-16  
[30] US (540,029) 1990-06-18

[11] 2,040,925  
[13] C

[51] Int.Cl. 5C07C 51/487 5B01J 45/00  
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[25] EN  
[54] METHOD OF PURIFYING  
POLYUNSATURATED ALIPHATIC  
COMPOUNDS  
[54] METHODE DE PURIFICATION DE  
COMPOSES ALIPHATIQUES  
POLYINSATURES  
[72] Misawa, Yoshihisa, JP  
[72] Kondo, Hisao, JP  
[72] Tsutsumi, Tetsuya, JP  
[72] Hayashi, Masahiro, JP  
[72] Sugimori, Daisuke, JP  
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[22] 1991-04-22  
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[30] JP (282579/1990) 1990-10-19  
[30] JP (284249/1990) 1990-10-24  
[30] JP (025126/1991) 1991-01-28

[11] 2,041,303  
[13] C

[51] Int.Cl. 6E01B 29/20 6E01B 29/46  
[25] EN  
[54] RAIL TENSIONING APPARATUS  
[54] APAREIL DE MISE EN TENSION  
DE RAIL  
[72] Theurer, Josef, AT  
[72] Peitl, Friedrich, AT  
[73] FRANZ PLASSER  
BAHNBAUMASCHINEN-  
INDUSTRIEGESELLSCHAFT M.B.H., AT  
[22] 1991-04-26  
[30] AT (A 990/90) 1990-05-02

[11] 2,043,938  
[13] C

[51] Int.Cl. 6A45C 11/38  
[25] EN  
[54] WATERPROOF CASE FOR A  
CAMERA  
[54] BOITIER ETANCHE A L'EAU,  
POUR CAMERA  
[72] Yokoyama, Hiroshi, JP  
[73] SONY CORPORATION, JP  
[22] 1991-06-05  
[30] JP (P162298/90) 1990-06-20

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[11] **2,047,860**  
[13] C

[51] **Int.Cl. 5B05B 7/08 5B05D 1/02**  
[25] EN  
[54] **PLURAL COMPONENT  
EXTERNAL MIX SPRAY GUN AND  
METHOD**  
[54] **PISTOLET VAPORISATEUR A  
MELANGE EXTERNE DES  
COMPOSANTS**  
[72] Bert, Jeffrey, US  
[73] Binks Manufacturing Co., US  
[22] 1991-07-25  
[30] US (557,981) 1990-07-26

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[11] **2,049,083**  
[13] C

[51] **Int.Cl. 5H04K 1/00**  
[25] EN  
[54] **INFORMATION PROCESSING  
APPARATUS WITH REPLACEABLE  
SECURITY ELEMENT**  
[54] **APPAREIL DE TRAITEMENT  
D'INFORMATION A ELEMENT DE  
SECURITE REMPLACABLE**  
[72] Esserman, James Neil, US  
[72] Moroney, Paul, US  
[73] GENERAL INSTRUMENT  
CORPORATION, US  
[22] 1991-08-13  
[30] US (07/568,990) 1990-08-17

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[11] **2,049,344**  
[13] C

[51] **Int.Cl. 6B03D 1/14 6B03D 1/22**  
[25] EN  
[54] **CENTRIFUGAL FLOTATION  
APPARATUS AND METHOD**  
[54] **APPAREIL DE FLOTTATION  
CENTRIFUGE ET METHODE  
CONNEXE**  
[72] Campbell, Thomas P., US  
[73] United Worldwide Limited, VG  
[85] 1991-09-26  
[86] 1990-03-06 (PCT/US90/01234)  
[87] (WO90/11133)  
[30] US (329,294) 1989-03-27

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[11] **2,051,524**  
[13] C

[51] **Int.Cl. 6A47C 5/14 6B32B 21/00  
6A47C 5/00 6A47C 7/16 6B32B 31/20**  
[25] EN  
[54] **FURNITURE COMPRISING  
LAMINATED SLATS AND METHODS  
OF MANUFACTURING SUCH  
FURNITURE**  
[54] **MEUBLES EN PLANCHETTES  
LAMINEES ET METHODE DE  
FABRICATION**  
[72] Gehry, Frank O., US  
[73] KNOLL, INC., US  
[22] 1991-09-17  
[30] US (588,115) 1990-09-24

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[11] **2,053,231**  
[13] C

[51] **Int.Cl. 5C07C 401/00 5C07F 9/117  
5C07F 7/18 5C07H 15/222 5A61K 31/50**  
[25] EN  
[54] **NOVEL VITAMIN D ANALOGUES**  
[54] **ANALOGUES DE LA VITAMINE D**  
[72] Calverley, Martin John, DK  
[72] Hansen, Kai, DK  
[72] Binderup, Lise, DK  
[73] Leo Pharmaceutical Products Ltd. A/S  
(Lovens Kemiske Fabrik, DK  
[85] 1991-06-25  
[86] 1990-02-13 (PCT/DK90/00037)  
[87] (WO90/09992)  
[30] GB (GB8904153.7) 1989-02-23

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[11] **2,053,316**  
[13] C

[51] **Int.Cl. 6C03B 33/02**  
[25] EN  
[54] **METHOD FOR PRODUCING A  
GLASS KNIFE**  
[54] **METHODE DE FABRICATION  
D'UN COUTEAU DE VERRE**  
[72] Persson, Algy, SE  
[73] Glass Ultra Micro Trading Company, SE  
[85] 1991-10-18  
[86] 1990-04-19 (PCT/SE90/00263)  
[87] (WO90/12763)  
[30] SE (8901438-5) 1989-04-20

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[11] **2,055,605**  
[13] C

[51] **Int.Cl. 6A61F 13/52 6A61L 15/60**  
[25] EN  
[54] **ABSORBENT ARTICLE  
COMPRISING AT LEAST TWO  
SUPERABSORBENTS**  
[54] **ARTICLE ABSORBANT  
COMPORTANT AU MOINS DEUX  
MATERIAUX SUPERABSORBANTS**  
[72] Roos, Anders, SE  
[72] Quist, Magnus, SE  
[72] Hermansson, Jonas, SE  
[73] SCA HYGIENE PRODUCTS  
AKTIEBOLAG, BE  
[85] 1991-11-28  
[86] 1990-05-29 (PCT/SE90/00362)  
[87] (WO90/14815)  
[30] SE (8901964-0) 1989-05-31

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[11] **2,056,036**  
[13] C

[51] **Int.Cl. 6H04R 25/02**  
[25] EN  
[54] **ELECTRONIC DEVICE FORMING  
A PROGRAMMABLE MINIATURE  
HEARING AID, IN PARTICULAR OF  
THE INTRADUCTAL TYPE**  
[54] **DISPOSITIF ELECTRONIQUE  
CONSTITUANT UNE PROTHESE  
AUDITIVE MINIATURE  
PROGRAMMABLE DU TYPE INTRA-  
DUCTAL EN PARTICULIER**  
[72] Flippe, Patrice, FR  
[72] Laurent, Pierre, FR  
[73] INTRASON FRANCE, FR  
[22] 1991-11-22  
[30] FR (90 14667) 1990-11-23

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[11] **2,057,920**  
[13] C

[51] **Int.Cl. 5B01D 53/26**  
[25] EN  
[54] **DESICCANT GAS DRYING  
SYSTEM**  
[54] **SYSTEME DE SECHAGE DE GAZ  
DE DESSICATION**  
[72] Settlemyer, Bernard W., US  
[73] Pneumatic Products Corporation, US  
[85] 1991-11-12  
[86] 1990-03-22 (PCT/US90/01544)  
[87] (WO90/13351)  
[30] US (07/352,373) 1989-05-12

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[11] 2,062,172  
[13] C

[51] **Int.Cl. 6G07B 7/00**  
[25] EN  
[54] **SENSOR PROCESSOR FOR HIGH-SPEED MAIL-HANDLING MACHINE**  
[54] **PROCESSEUR CAPTEUR POUR MACHINE A HAUT RENDEMENT DE TRAITEMENT DU COURRIER**  
[72] DiGiulio, Peter C., US  
[72] Linkowski, William J., US  
[72] McDermott, Francis E., US  
[72] Salazar, Edilberto I., US  
[72] Tolmie, Robert J., Jr., US  
[73] Pitney Bowes Inc., US  
[22] 1992-03-02  
[30] US (666,769) 1991-03-08

[11] 2,063,919  
[13] C

[51] **Int.Cl. 5A23L 1/10 5A23L 1/22**  
[25] FR  
[54] **PROCEDE DE FABRICATION EN CONTINU D'UN PRODUIT DESTINE A L'ALIMENTATION HUMAINE**  
[54] **PROCESS FOR CONTINUOUS PRODUCTION OF FOOD PRODUCTS FOR HUMAN CONSUMPTION**  
[72] Grenet, Corinne, FR  
[72] Abecassis, Joel, FR  
[72] Feillet, Pierre, FR  
[73] SA SOREB, FR  
[22] 1992-03-25  
[30] EP (92440035.1) 1992-03-16

[11] 2,066,353  
[13] C

[51] **Int.Cl. 6B65G 21/20**  
[25] EN  
[54] **BEND SEGMENT FOR A CHAIN CONVEYOR**  
[54] **SEGMENT CINTRE POUR CONVOYEUR A CHAINE**  
[72] Wallaart, Jacobus Johannes, NL  
[72] Vermeulen, Constantinus Paulinus Johannes Maria, NL  
[73] MCC Nederland B.V., NL  
[22] 1992-04-16  
[30] NL (9100690) 1991-04-19

[11] 2,067,752  
[13] C

[51] **Int.Cl. 6H02J 7/00**  
[25] EN  
[54] **BATTERY PACK INCLUDING ELECTRONIC POWER SAVER**  
[54] **BLOC BATTERIE A ECONOMISEUR ELECTRONIQUE D'ALIMENTATION**  
[72] Koenck, Steven E., US  
[73] Norand Corporation, US  
[85] 1992-04-13  
[86] 1990-11-05 (PCT/US90/06383)  
[87] (WO91/07002)  
[30] US (433,076) 1989-11-07

[11] 2,067,843  
[13] C

[51] **Int.Cl. 6H01J 1/30 6H01S 4/00 6H01J 3/02 6H01L 31/0304 6H01J 37/073 6H01L 31/11 6H05H 1/46**  
[25] EN  
[54] **SEMICONDUCTOR DEVICE FOR EMITTING HIGHLY SPIN-POLARIZED ELECTRON BEAM**  
[54] **DISPOSITIF A SEMICONDUCTEUR EMETTANT UN FAISCEAU D'ELECTRONS A SPINS FORTEMENT ALIGNES**  
[72] Nakanishi, Tsutomu, JP  
[72] Horinaka, Hiromichi, JP  
[72] Saka, Takashi, JP  
[72] Kato, Toshihiro, JP  
[73] DAIDO TOKUSHUKO KABUSHIKI KAISHA, JP  
[22] 1992-05-01  
[30] JP (3-130611) 1991-05-02  
[30] JP (3-163642) 1991-06-07  
[30] JP (4-94807) 1992-03-21

[11] 2,070,639  
[13] C

[51] **Int.Cl. 6C09K 3/10 6C08L 101/00 6C08L 1/26 6C09D 5/34**  
[25] EN  
[54] **EARLY-RAIN-RESISTANT JOINTING COMPOUNDS**  
[54] **ENDUITS POUR JOINTS ANTI-PLUIE D'APPLICATION RAPIDE**  
[72] Loth, Helmut, DE  
[72] Knop, Bernhard, DE  
[72] Podola, Tore, DE  
[72] Helpenstein, Klaus, DE  
[73] Henkel Kommanditgesellschaft auf Aktien, DE  
[85] 1992-04-21  
[86] 1990-10-10 (PCT/EP90/01699)  
[87] (WO91/05825)  
[30] DE (P 39 34 870.9) 1989-10-19  
[30] DE (P 40 24 550.0) 1990-08-02

[11] 2,073,055  
[13] C

[51] **Int.Cl. 6A61K 31/465 6A61K 9/20**  
[25] EN  
[54] **NICOTINE CONTAINING STIMULANT UNIT**  
[54] **ELEMENT STIMULANT RENFERMANT DE LA NICOTINE**  
[72] Dam, Anders, DK  
[73] Dam, Anders, DK  
[85] 1992-05-06  
[86] 1990-11-06 (PCT/DK90/00280)  
[87] (WO91/06288)  
[30] DK (5560/89) 1989-11-07  
[30] DK (6156/89) 1989-12-04

[11] 2,073,472  
[13] C

[51] **Int.Cl. 5B05B 1/14**  
[25] EN  
[54] **SPRAY NOZZLE FLUID DISTRIBUTION SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION DE FLUIDE A GICLEURS MULTIPLES**  
[72] Harrison, Richard H., Jr., US  
[72] Garrish, Bryan F., US  
[73] BALTIMORE AIRCOIL COMPANY, US  
[22] 1992-07-08  
[30] US (07/738,681) 1991-07-31

[11] 2,074,768  
[13] C

[51] **Int.Cl. 6B32B 5/10 6B32B 7/14**  
[25] EN  
[54] **FLEECE LAMINATE HAVING HIGH SPECIFIC VOLUME AND GOOD STRENGTH**  
[54] **PRODUIT MOLLETON A VOLUME SPECIFIQUE ELEVE ET BONNE CARACTERISTIQUE DE RESISTANCE**  
[72] Assent, Hans Claus, DE  
[72] Jöst, Manfred, DE  
[72] Knoke, Jürgen, DE  
[73] CARL FREUDENBERG, DE  
[22] 1992-07-28  
[30] DE (P 41 25 151.2) 1991-07-30

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[11] **2,077,962**  
[13] C

[51] **Int.Cl. 5C12P 19/26 5B01D 11/04**  
[25] EN  
[54] **METHOD FOR PREPARING CHITOSAN**  
[54] **METHODE DE PREPARATION DE LA CHITOSANE**  
[72] Park, Okmi, JP  
[72] Miyoshi, Hiroshi, JP  
[72] Watanabe, Jun, JP  
[72] Chiba, Tohru, JP  
[72] Endo, Isao, JP  
[73] Shin-Etsu Chemical Co., Ltd., JP  
[73] INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH (THE), JP  
[22] 1992-09-10  
[30] JP (3-231893) 1991-09-11  
[30] JP (4-209203) 1992-08-05

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[11] **2,078,638**  
[13] C

[51] **Int.Cl. 6G01B 11/14 6G01C 3/32**  
[25] EN  
[54] **DISTANCE MEASURING METHOD AND A DISTANCE MEASURING APPARATUS**  
[54] **METHODE DE MESURE DE DISTANCE ET APPAREIL DE MESURE DE DISTANCE**  
[72] Sasaki, Shigeru, JP  
[72] Toriu, Takashi, JP  
[72] Ohta, Yoshiyuki, JP  
[72] Watanabe, Masaki, JP  
[73] FUJITSU LIMITED, JP  
[22] 1992-09-18  
[30] JP (03-241289) 1991-09-20

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[11] **2,080,516**  
[13] C

[51] **Int.Cl. 6C07C 217/42 6C07D 295/13 6C07C 317/32 6C07C 323/32 6C08G 18/32**  
[25] EN  
[54] **HIGHLY REACTIVE POLYOXYALKYLENE-POLYOLS CONTAINING TERTIARY AMINO GROUPS IN BONDED FORM, THEIR PREPARATION, AND THEIR USE FOR THE PREPARATION OF POLYISOCYANATE POLYADDITION PRODUCTS**  
[54] **POLYOXYALKYLENEPOLYOLS HAUTEMENT REACTIFS CONTENANT DES GROUPES AMINES TERTIAIRES SOUS FORME LIEE, LEUR PREPARATION ET LEUR UTILISATION POUR LA PREPARATION DE PRODUITS DE POLYADDITION**  
[72] Hinz, Werner, DE  
[72] Adams, Stefan, DE  
[72] Koehler, Ulrich, DE  
[72] Maletzko, Christian, DE  
[72] Vorspohl, Klaus, DE  
[72] Zschesche, Ruth, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[22] 1992-10-14  
[30] DE (P 41 35 588.1) 1991-10-29

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[11] **2,080,579**  
[13] C

[51] **Int.Cl. 6G11B 20/18 6G06F 11/10 6G11B 20/12 6G06F 11/16**  
[25] EN  
[54] **LOGICAL TRACK WRITE SCHEDULING SYSTEM FOR A PARALLEL DISK DRIVE ARRAY DATA STORAGE SUBSYSTEM**  
[54] **SYSTEME D'ORDONNANCEMENT D'ECRIURE POUR SOUS-SYSTEME DE STOCKAGE DE DONNEES A RESEAU DE LECTEURS DE DISQUE EN PARALLELE**  
[72] Milligan, Charles Allen, US  
[72] Rudeseal, George Arthur, US  
[73] Storage Technology Corporation, US  
[85] 1992-10-14  
[86] 1991-04-05 (PCT/US91/02358)  
[87] (WO91/16711)  
[30] US (509,484) 1990-04-16

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[11] **2,083,680**  
[13] C

[51] **Int.Cl. 6E05F 11/24 6E05F 15/10**  
[25] EN  
[54] **FRENCH CASEMENT WINDOW OPERATOR**  
[54] **DISPOSITIF DE MANOEUVRE POUR FENETRE A DEUX BATTANTS**  
[72] Vetter, Gregory J., US  
[72] Tucker, Daniel G., US  
[73] Truth Hardware Corporation,  
[22] 1992-11-24  
[30] US (899,717) 1992-06-17

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[11] **2,083,685**  
[13] C

[51] **Int.Cl. 6B41F 13/08 6B41F 27/00 6B41N 7/00 6B41F 31/26**  
[25] EN  
[54] **ROLLER, ESPECIALLY FOR APPLICATION IN A PRINTING MACHINE**  
[54] **ROULEAU, NOTAMMENT POUR MACHINE A IMPRIMER**  
[72] Vonk, Leo, NL  
[73] BIS Both Industrial Services B.V., NL  
[22] 1992-11-24  
[30] NL (9101983) 1991-11-27

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[11] **2,083,836**  
[13] C

[51] **Int.Cl. 6B65H 19/30 6B65H 35/02**  
[25] EN  
[54] **METHOD AND DEVICE FOR AUTOMATIC SLEEVE FEED IN ROLL-CUTTING MACHINES OF THE BACKUP ROLLER TYPE**  
[54] **PROCEDE ET DISPOSITIF D'ALIMENTATION AUTOMATIQUE D'UNE MACHINE COUPE-TUBE DU TYPE A ROULEAU FIXE**  
[72] Smith, Philip, US  
[72] Treutner, Jurgen, DE  
[72] Dorfel, Walter, DE  
[73] BELOIT TECHNOLOGIES, INC., US  
[85] 1992-11-25  
[86] 1990-05-26 (PCT/EP90/00849)  
[87] (WO91/18815)

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[11] **2,084,929**  
[13] C  
[51] Int.Cl. 5B01J 29/04 5B01J 37/10  
[25] EN  
[54] CATALYST AND PROCESS FOR CRACKING HYDROCARBONS WITH HIGHLY ATTRITION RESISTANT MESOPOROUS CATALYTIC CRACKING CATALYSTS  
[54] CATALYSEUR ET PROCEDE DE CRAQUAGE D'HYDROCARBURES AU MOYEN DE CATALYSEURS POUR CRAQUAGE CATALYTIQUE MESOPOREUX A HAUTE RESISTANCE A L'ATTRITION  
[72] Wachter, William Augustine, US  
[73] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[22] 1992-12-09  
[30] US (815,733) 1991-12-30  
[30] US (816,021) 1991-12-30

[11] **2,086,433**  
[13] C  
[51] Int.Cl. 6C07D 209/70 6C07D 401/02 6C07D 403/02 6C07D 405/02 6C07D 409/02 6C07D 413/12 6C07D 417/12 6A61K 31/40 6A61K 31/41 6A61K 31/44 6A61K 31/495 6A61K 31/535  
[25] EN  
[54] INDANO PYRROLIDINE CARBAMATES  
[54] CARBAMATES D'INDANOPYRROLIDINE  
[72] Chen, Yuhpyng L., US  
[73] PFIZER INC., US  
[85] 1992-12-29  
[86] 1991-06-25 (PCT/US91/04320)  
[87] (WO92/00961)  
[30] US (551,970) 1990-07-12

[11] **2,087,337**  
[13] C  
[51] Int.Cl. 5C09B 61/00 5A23K 1/00 5A23L 1/275 5C07C 49/743  
[25] EN  
[54] PIGMENTS  
[54] PIGMENTS  
[72] Mawson, Rodney, GB  
[73] QUEST INTERNATIONAL B.V., NL  
[85] 1993-01-14  
[86] 1991-07-17 (PCT/GB91/01182)  
[87] (WO92/01754)  
[30] GB (9016012.8) 1990-07-20

[11] **2,088,936**  
[13] C  
[51] Int.Cl. 6G01L 1/14 6G01G 19/02  
[25] EN  
[54] CAPACITANCE WEIGHING MAT WITH SUBSTANTIALLY RIGID SEPARATORS  
[54] MATTE DE PESEE DE CAPACITE COMPRENANT DES SEPARATEURS ESSENTIELLEMENT RIGIDES  
[72] Mohaupt, Udo Horst, CA  
[73] INTERNATIONAL ROAD DYNAMICS INC., CA  
[22] 1993-02-08

[11] **2,089,550**  
[13] C  
[51] Int.Cl. 6G01B 11/00 6H04N 5/232 6G03B 17/56 6G01S 13/66  
[25] EN  
[54] REMOTE TRACKING SYSTEM FOR MOVING PICTURE CAMERAS AND METHOD  
[54] SYSTEME DE TELEPOURSUIITE POUR CAMERAS ET METHODE D'UTILISATION CONNEXE  
[72] Parker, Jeffrey L., US  
[72] Sorrells, David F., US  
[72] Mix, John D., US  
[72] Daber, Richard P., US  
[73] PARKERVISION, INC., US  
[85] 1993-02-15  
[86] 1991-08-20 (PCT/US91/05934)  
[87] (WO92/03700)  
[30] US (569,643) 1990-08-20

[11] **2,090,150**  
[13] C  
[51] Int.Cl. 5F01P 11/12  
[25] EN  
[54] TRASH HANDLING APPARATUS FOR A SELF-CLEANING ROTARY SCREEN  
[54] DISPOSITIF DE DEGAGEMENT DE DEBRIS POUR CRIBLE ROTATIF AUTONETTOYANT  
[72] Lodico, James Irwin, US  
[72] Coder, David Ray, US  
[72] Adams, Lawrence Joel, US  
[72] Guthrie, Rebecca Ann Frana, US  
[72] Andes, Raymond Manford, Jr., US  
[72] Alexander, Philip George, US  
[73] DEERE & COMPANY, US  
[22] 1993-02-23  
[30] US (07/874,287) 1992-04-24

[11] **2,091,994**  
[13] C  
[51] Int.Cl. 6C07C 291/02 6A61K 31/13 6C07D 295/30 6A61K 31/44 6A61K 31/495 6C07D 213/53 6C07D 211/98  
[25] EN  
[54] COMPLEXES OF NITRIC OXIDE WITH POLYAMINES  
[54] COMPLEXES D'OXYDE NITRIQUE ET DE POLYAMINES  
[72] Keefer, Larry Kay, US  
[72] Hrabie, Joseph Anthony, US  
[73] THE UNITED STATES OF AMERICA, as represented by THE SECRETARY, U.S. DEPA, US  
[85] 1993-03-18  
[86] 1991-09-20 (PCT/US91/06736)  
[87] (WO92/05149)  
[30] US (585,793) 1990-09-20

[11] **2,092,941**  
[13] C  
[51] Int.Cl. 6A44C 21/00  
[25] EN  
[54] COIN BLANK  
[54] FLAN  
[72] Seuster, Egon, DE  
[72] Rinke, Horst, DE  
[72] Kolb-Telieps, Angelika, DE  
[72] Heubner, Ulrich, DE  
[73] Krupp VDM G.m.b.H., DE  
[22] 1993-03-30  
[30] EP (92105706.3) 1992-04-02

[11] **2,094,249**  
[13] C  
[51] Int.Cl. 6A01N 25/30 6A01N 25/24  
[25] EN  
[54] METHOD AND COMPOSITION FOR ENHANCING UPTAKE AND TRANSPORT OF BIOACTIVE AGENTS IN PLANTS  
[54] METHODE ET COMPOSITION POUR AMELIORER L'ABSORPTION ET LE TRANSPORT DES AGENTS BIOACTIFS DANS LES PLANTES  
[72] Mookerjee, Pradip Kumar, JP  
[72] Omid, Ahmad, JP  
[73] Tomen Corporation, JP  
[85] 1993-04-16  
[86] 1990-10-17 (PCT/US90/05973)  
[87] (WO92/06596)

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[11] **2,095,070**  
[13] C

[51] **Int.Cl. 6C12N 15/10 6C12P 19/34 6C12Q 1/68 6C12Q 1/70**  
[25] FR  
[54] **PROCEDE D'AMPLIFICATION D'ARN NECESSITANT UNE SEULE ETAPE DE MANIPULATION**  
[54] **RNA AMPLIFICATION PROCESS REQUIRING A SINGLE MANIPULATION STEP**  
[72] Mallet, François, FR  
[72] Oriol, Guy, FR  
[72] Mandrand, Bernard, FR  
[73] BIO MÉRIEUX, FR  
[22] 1993-04-28  
[30] FR (92 05 322) 1992-04-29

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[11] **2,095,232**  
[13] C

[51] **Int.Cl. 6F42B 12/80**  
[25] EN  
[54] **ENVIRONMENTALLY IMPROVED SHOT**  
[54] **PLOMBS SANS DANGER POUR L'ENVIRONNEMENT**  
[72] Huffman, John, US  
[72] Shannon, John, US  
[73] SAFETY SHOT LIMITED PARTNERSHIP, US  
[85] 1993-04-29  
[86] 1991-10-30 (PCT/US91/07844)  
[87] (WO92/08098)  
[30] US (606,814) 1990-10-31

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[11] **2,096,397**  
[13] C

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[54] **COMMANDE DE NIVEAU DE CODAGE ADAPTABLE POUR SYSTEMES DE COMPRESSION VIDEO**  
[72] Paik, Woo H., US  
[72] Krause, Edward A., US  
[72] Liu, Vincent, US  
[73] GENERAL INSTRUMENT CORPORATION, US  
[22] 1993-05-17  
[30] US (07/900,904) 1992-06-18

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[11] **2,096,508**  
[13] C

[51] **Int.Cl. 6B07C 3/14 6G06K 9/62**  
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[54] **MAIL ENCODING AND PROCESSING SYSTEM**  
[54] **SYSTEME POUR LE TRAITEMENT ET LE CODAGE DU COURRIER**  
[72] Allum, David Robert, CA  
[72] Johns, Frederick Surrey, CA  
[72] Clysdale, Donald Grant, CA  
[73] Canada Post Corporation, CA  
[22] 1993-05-18  
[30] US (07/888,905) 1992-05-26

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[11] **2,098,319**  
[13] C

[51] **Int.Cl. 5H04S 1/00 5H03G 5/18**  
[25] EN  
[54] **SIGNAL PROCESSOR FOR RECREATING ORIGINAL AUDIO SIGNALS**  
[54] **PROCESSEUR A SIGNAUX SERVANT A RESTITUER LES SIGNAUX AUDIO D'ORIGINE**  
[72] Byrd, Eldon A., US  
[73] Byrd, Eldon A., US  
[85] 1993-06-11  
[86] 1991-12-13 (PCT/US91/09375)  
[87] (WO92/10918)  
[30] US (07/793,908) 1991-11-20  
[30] US (627,767) 1990-12-14

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[11] **2,099,778**  
[13] C

[51] **Int.Cl. 5B31B 1/86**  
[25] EN  
[54] **APPARATUS FOR CARRYING ROPE HANDLES FOR PAPER BAGS TO A FORMING STATION THEREOF WHEREIN SAID HANDLES ARE APPLIED TO THE BAGS AT THE ENTRANCE OF SAID STATION BEFORE FORMING THE BAGS**  
[54] **APPAREIL SERVANT A TRANSPORTER DES POIGNEES DE CORDE POUR SACS EN PAPIER VERS UN POSTE D'APPLICATION DES POIGNEES AUX SACS A L'ENTREE DUDIT POSTE AVANT LE FACONNAGE DES SACS**  
[72] Maccalli, Giacomo, IT  
[73] Curioni Sun S.r.l., IT  
[85] 1993-06-29  
[86] 1991-12-06 (PCT/IT91/00107)  
[87] (WO93/10968)

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[13] C

[51] **Int.Cl. 6H01M 6/00 6H01H 13/12**  
[25] EN  
[54] **BATTERY WITH STRENGTH INDICATOR**  
[54] **PILE A INDICATEUR DE PUISSANCE**  
[72] Burroughs, James R., US  
[72] O'Kain, Alan N., US  
[73] STRATEGIC ELECTRONICS L.L.C., US  
[85] 1993-07-21  
[86] 1991-01-28 (PCT/US91/00602)  
[87] (WO92/13368)

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[11] **2,101,513**  
[13] C

[51] **Int.Cl. 6B22D 41/02**  
[25] EN  
[54] **LINING OF MOLTEN METAL HANDLING VESSEL**  
[54] **REVETEMENT INTERNE POUR WAGON TRANSPORTANT DU METAL EN FUSION**  
[72] Kloth, Heinz, DE  
[72] Friede, Klaus, DE  
[73] Fosco International Limited, GB  
[22] 1993-07-28  
[30] GB (9216079.5) 1992-07-28

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[11] **2,102,394**  
[13] C

[51] **Int.Cl. 5B42D 15/00**  
[25] EN  
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[72] Omori, Mitsuko, JP  
[73] Omori, Mitsuko, JP  
[22] 1993-11-03

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[11] **2,102,797**  
[13] C

[51] **Int.Cl. 6C02F 3/28 6C02F 1/24**  
[25] EN  
[54] **ANAEROBIC DIGESTION PROCESS**  
[54] **SYSTEME DE FERMENTATION ANAEROBIE**  
[72] Burke, Dennis A., US  
[73] Burke, Dennis A., US  
[85] 1993-11-09  
[86] 1991-05-10 (PCT/US91/03253)  
[87] (WO92/20628)

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[13] C  
[51] **Int.Cl. 6G06T 17/00**  
[25] EN  
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[54] **CONTROLEUR D'ECHELLE**  
**BIDIMENSIONNEL**  
[72] Lum, Sanford S., CA  
[72] Bennett, Dwayne R., CA  
[73] ATI TECHNOLOGIES INC., CA  
[22] 1993-11-12  
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[11] **2,103,351**  
[13] C  
[51] **Int.Cl. 6A61K 31/56 6A61K 7/16**  
[25] EN  
[54] **METHOD OF TREATMENT USING**  
**STERIOD MOUTHWASH**  
[54] **METHODE DE TRAITEMENT**  
**UTILISANT UN RINCE-BOUCHE A**  
**BASE DE STEROIDES**  
[72] Eisen, Drove, US  
[73] Eisen, Drove, US  
[85] 1993-11-17  
[86] 1992-04-10 (PCT/US92/02806)  
[87] (WO92/18133)  
[30] US (683,380) 1991-04-11  
[30] US (802,646) 1991-12-09

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[11] **2,103,405**  
[13] C  
[51] **Int.Cl. 6A61N 1/39**  
[25] EN  
[54] **CONSTANT CHARGE TIME OF**  
**DEFIBRILLATION CAPACITOR**  
[54] **CHARGE EN TEMPS CONSTANT**  
**D'UN CAPACITEUR DE**  
**DEFIBRILLATION**  
[72] Menken, John, US  
[72] Monroe, Paul, US  
[73] CARDIAC PACEMAKERS, INC., US  
[22] 1993-11-18  
[30] US (07/978,549) 1992-11-19

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[51] **Int.Cl. 6G07D 7/00 6G06T 1/00**  
[25] EN  
[54] **IMAGE PROCESSING**  
**APPARATUS AND METHOD THEREOF**  
[54] **APPAREIL ET METHODE DE**  
**TRAITEMENT D'IMAGES**  
[72] Sasanuma, Nobuatsu, JP  
[72] Sakurai, Masaaki, JP  
[72] Saito, Rie, JP  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1993-09-22  
[30] JP (4-256234) 1992-09-25  
[30] JP (4-256235) 1992-09-25  
[30] JP (4-282525) 1992-09-28

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[11] **2,107,247**  
[13] C  
[51] **Int.Cl. 6F16B 21/06**  
[25] EN  
[54] **SNAP MOUNTED ATTACHMENT**  
**DEVICE**  
[54] **DISPOSITIF DE FIXATION A**  
**PRESSION**  
[72] Hoffman, Keith Eugene, US  
[73] Bridgestone/Firestone, Inc., US  
[22] 1993-09-29  
[30] US (07/953,913) 1992-09-30

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[13] C  
[51] **Int.Cl. 6A61K 47/36 6A61K 9/06**  
**6A61K 31/725**  
[25] EN  
[54] **MUCO ADHESIVE POLYMERS**  
[54] **POLYMERES ADHERANT AUX**  
**MUQUEUSES**  
[72] Marlin, Lawrence, US  
[72] Yamamoto, Ronald K., US  
[73] UNION CARBIDE CHEMICALS &  
PLASTICS TECHNOLOGY  
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[22] 1993-09-29  
[30] US (7-954,753) 1992-09-30

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[11] **2,109,510**  
[13] C  
[51] **Int.Cl. 5G05D 3/12 5G01B 9/02**  
[25] EN  
[54] **STEP SCANNING TECHNIQUE**  
**FOR INTERFEROMETER**  
[54] **METHODE DE BALAYAGE**  
**ECHELONNE POUR**  
**INTERFEROMETRE**  
[72] Curbelo, Raul, US  
[72] Johnson, David B., US  
[73] Bio-Rad Laboratories, Inc., US  
[85] 1993-10-28  
[86] 1992-05-08 (PCT/US92/03838)  
[87] (WO92/21072)  
[30] US (704,304) 1991-05-22

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[11] **2,109,907**  
[13] C  
[51] **Int.Cl. 5A61B 17/60**  
[25] EN  
[54] **OSTEOSYNTHESIS PLATE**  
**SYSTEM**  
[54] **SYSTEME DE LAME**  
**D'OSTEOSYNTHESE**  
[72] Yapp, Ronald A., US  
[72] Worrick, Charles B., III, US  
[73] Codman & Shurtleff, Inc., US  
[22] 1993-11-24  
[30] US (981,281) 1992-11-25

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[11] **2,109,935**  
[13] C  
[51] **Int.Cl. 6D06P 1/40 6D06P 3/06 6D06P**  
**3/24**  
[25] EN  
[54] **METHOD FOR DYEING NYLON**  
**FILAMENTS**  
[54] **METHODE DE TEINTURE DES**  
**FILS NYLON**  
[72] Suhonen, Christopher H., US  
[73] Gillette Canada Inc., CA  
[85] 1993-11-24  
[86] 1992-06-02 (PCT/US92/04589)  
[87] (WO92/22699)  
[30] US (716,196) 1991-06-17

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[13] C

[51] **Int.Cl. 6C08L 77/00 6C08L 21/00 6C08L 23/26**  
[25] EN  
[54] **FLEXIBLE POLYAMIDE FILM**  
[54] **PELLICULE FLEXIBLE DE POLYAMIDE**  
[72] Kim, Hee-Teck, US  
[73] AlliedSignal Inc., US  
[85] 1993-12-17  
[86] 1992-06-09 (PCT/US92/04807)  
[87] (WO93/00404)  
[30] US (07/721,016) 1991-06-26

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[11] **2,112,449**  
[13] C

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **SIGNALING METHOD FOR PACKET NETWORK AND SYSTEM**  
[54] **METHODE DE SIGNALISATION POUR RESEAU ET SYSTEME DE TRANSMISSION DE PAQUETS**  
[72] Iwata, Atsushi, JP  
[73] NEC CORPORATION, JP  
[22] 1993-12-24  
[30] JP (344990/1992) 1992-12-25

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[11] **2,113,412**  
[13] C

[51] **Int.Cl. 6C12N 15/52 6C12P 7/62 6C12N 15/82**  
[25] EN  
[54] **TRANSGENIC PLANTS PRODUCING POLYHYDROXYALKANOATES**  
[54] **PLANTES TRANSGENIQUES QUI PRODUISENT DES POLYHYDROXYALCANOATES**  
[72] Somerville, Christopher R., US  
[72] Poirier, Yves, US  
[72] Dennis, Douglas E., US  
[73] Michigan State University, US  
[85] 1994-01-13  
[86] 1992-07-13 (PCT/US92/05786)  
[87] (WO93/02187)  
[30] US (732,243) 1991-07-19

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[13] C

[51] **Int.Cl. 6G06F 13/30**  
[25] EN  
[54] **DYNAMICALLY PROGRAMMABLE BUS ARBITER WITH PROVISIONS FOR HISTORICAL FEEDBACK AND ERROR DETECTION AND CORRECTION**  
[54] **ARBITRE DE BUS DYNAMIQUEMENT PROGRAMMABLE A FONCTIONS DE RETROACTION HISTORIQUE ET DE DETECTION ET DE CORRECTION D'ERREURS**  
[72] Larson, Mikiel Loyal, US  
[72] Wilcox, Wayne Richard, US  
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US  
[22] 1994-02-15  
[30] US (063,380) 1993-05-17

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[11] **2,116,459**  
[13] C

[51] **Int.Cl. 6G05D 1/02**  
[25] EN  
[54] **GUIDEWIRE CONTROLS FOR A MANNED, MATERIAL HANDLING VEHICLE**  
[54] **COMMANDES DE CABLES DE GUIDAGE POUR VEHICULES DE MANUTENTION DE MATERIAUX**  
[72] Hellmann, Christopher J., US  
[72] Day, Richard M., US  
[73] RAYMOND CORPORATION, US  
[22] 1994-02-25  
[30] US (150,708) 1993-11-10

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[11] **2,117,269**  
[13] C

[51] **Int.Cl. 6B05B 7/02 6B05B 7/28**  
[25] EN  
[54] **IMPROVED AIR SEAL FOR PAINT GUNS**  
[54] **JOINT A AIR AMELIORE POUR PISTOLET DE PEINTURE**  
[72] Steinberg, Timothy D., US  
[72] Gunderson, Richard W., US  
[73] Wagner Spray Tech Corporation, US  
[85] 1994-04-11  
[86] 1992-11-10 (PCT/US92/09819)  
[87] (WO93/09877)  
[30] US (792,175) 1991-11-14

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[11] **2,117,466**  
[13] C

[51] **Int.Cl. 5A61K 31/425**  
[25] FR  
[54] **APPLICATION DE L'AMINO-2 TRIFLUOROMETHOXY-6 BENZOTHIAZOLE POUR OBTENIR UN MEDICAMENT DESTINE AU TRAITEMENT DES MALADIES DU MOTONEURONE**  
[54] **APPLICATION OF 2-AMINO 6-TRIFLUOROMETHOXY BENZOTHIAZOLE FOR OBTAINING A DRUG USEFUL IN THE TREATMENT OF MOTOR NEURON DISEASES**  
[72] Louvel, Erik, FR  
[73] RHONE-POULENC RORER S.A., FR  
[85] 1994-08-10  
[86] 1992-10-22 (PCT/FR92/00992)  
[87] (WO93/17683)  
[30] FR (92 02696) 1992-03-06

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[11] **2,122,609**  
[13] C

[51] **Int.Cl. 6B27K 3/34 6B27K 3/50**  
[25] EN  
[54] **WOOD PRESERVATION METHOD AND WOOD PRESERVATIVE**  
[54] **PROCEDE ET PRODUIT DE PROTECTION DU BOIS**  
[72] Ritschkoff, Anne-Christine, FI  
[72] Viikari, Liisa, FI  
[72] Paajanen, Leena, FI  
[72] Mattila, Tiina, FI  
[73] Kymmene Oy, FI  
[73] Koskisen Oy, FI  
[73] Metsäliitto Osuuskunta, FI  
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[86] 1992-10-30 (PCT/FI92/00293)  
[87] (WO93/08971)  
[30] FI (915166) 1991-11-01

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[13] C

[51] **Int.Cl. 6H01H 3/24**  
[25] EN  
[54] **HAND HELD ACTUATOR FOR A PATIENT CALL SYSTEM**  
[54] **ACTIONNEUR MANUEL POUR SYSTEME D'APPEL POUR PATIENTS**  
[72] Van Lear, Jeffrey D., US  
[73] Dwyer Precision, Inc., US  
[22] 1994-05-19  
[30] US (08/064,635) 1993-05-20

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[13] C

[51] Int.Cl. 6B65D 75/58 6B65D 81/24  
[25] EN  
[54] PACKING CASE AND OPENING METHOD THEREFOR  
[54] CONDITIONNEMENT ET METHODE D'OUVERTURE  
[72] Higuma, Masahiko, JP  
[72] Ikeda, Masami, JP  
[72] Asai, Naohito, JP  
[72] Abe, Tsutomu, JP  
[72] Kashino, Toshio, JP  
[72] Ohshima, Noriyoshi, JP  
[72] Okazaki, Takeshi, JP  
[72] Sugimoto, Hitoshi, JP  
[72] Tajima, Hiroki, JP  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1994-05-24  
[30] JP (122621/1993(Pat.)) 1993-05-25  
[30] JP (122946/1993(Pat.)) 1993-05-25  
[30] JP (223489/1993(Pat.)) 1993-09-08

[11] 2,125,664  
[13] C

[51] Int.Cl. 5C12P 7/64 5C02F 3/34  
[25] EN  
[54] METHOD TO PRODUCE SINGLE CELL OIL CONTAINING GAMMA-LINOLENIC ACID  
[54] METHODE D'OBTENTION D'HUILE CONTENANT DE L'ACIDE GAMMA-LINOLENIQUE A PARTIR D'UNE SEULE CELLULE  
[72] Botha, Alfred, ZA  
[72] Kock, Johan Lodewyk Franscicus, ZA  
[73] Sastech (Proprietary) Limited, ZA  
[85] 1994-06-10  
[86] 1992-12-10 (PCT/GB92/02288)  
[87] (WO93/12242)  
[30] ZA (919749) 1991-12-11

[11] 2,126,188  
[13] C

[51] Int.Cl. 5C21C 5/56 5C21B 13/02  
[25] EN  
[54] METHOD FOR CONTINUOUSLY MELTING DOWN SCRAP METAL  
[54] METHODE DE FUSION EN CONTINU DE FERRAILLE  
[72] Nieder, Wolfgang, AT  
[72] Winkler, Manfred, AT  
[72] Perchtold, Gerhard, AT  
[72] Seirlehner, Leo, AT  
[72] Kohler, Herbert, DE  
[72] Eberle, Arwed, DE  
[73] Voest-Alpine Industrienanlagenbau GmbH, AT  
[73] Mercedes-Benz Aktiengesellschaft, DE  
[85] 1994-06-17  
[86] 1993-10-19 (PCT/AT93/00158)  
[87] (WO94/09163)  
[30] AT (A 2062/92) 1992-10-19

[11] 2,127,385  
[13] C

[51] Int.Cl. 6F16H 63/40  
[25] EN  
[54] INPUT SHAFT OVERSPEED WARNING SYSTEM  
[54] SYSTEME AVERTISSEUR DE CHANGEMENT DE VITESSE DEFECTUEUX  
[72] Hutchison, Ronald Allen, US  
[73] EATON CORPORATION, US  
[22] 1994-07-05  
[30] US (088,025) 1993-07-09

[11] 2,128,977  
[13] C

[51] Int.Cl. 6G03G 21/00  
[25] EN  
[54] PRECONDITIONING OF PHOTORECEPTOR AND CLEANER BRUSH  
[54] PRECONDITIONNEMENT DE PHOTORECEPTEURS ET DE BROSSES DE NETTOYAGE  
[72] Lindblad, Nero R., US  
[72] Pozzanghera, Darryl L., US  
[72] Gardiner, Charles M., US  
[72] Hogestyn, Larry G., US  
[72] Timmons, Kenneth L., US  
[72] Daunton, Clive R., US  
[73] XEROX CORPORATION, US  
[22] 1994-07-27  
[30] US (139,689) 1993-10-22

[11] 2,129,005  
[13] C

[51] Int.Cl. 6A01G 7/06  
[25] EN  
[54] TREE TREATMENT CAPSULE WITH RADIALY EXPANDING SHANK PORTION  
[54] CAPSULE DE TRAITEMENT POUR ARBRES, AVEC TIGE A EXPANSION RADIALE  
[72] Merving, Hans A. K., SE  
[73] Merving, Hans A. K., SE  
[85] 1994-07-27  
[86] 1992-01-29 (PCT/US92/00387)  
[87] (WO93/14623)

[11] 2,129,413  
[13] C

[51] Int.Cl. 5B23Q 3/06  
[25] EN  
[54] METHOD FOR POSITIONING A WORK PIECE CARRIER MEMBER IN A MACHINING APPARATUS AND A WORK PIECE CARRIER MEMBER ADAPTED TO BE POSITIONED IN A MACHINING APPARATUS  
[54] METHODE POUR POSITIONNER UN SUPPORT DE PIECE A USINER DANS UNE MACHINE D'USINAGE ET SUPPORT ADAPTE A CES FINS  
[72] Obrist, Basil, CH  
[73] Erowa AG, CH  
[22] 1994-08-03  
[30] DE (P 43 26 275.9) 1993-08-05

[11] 2,130,297  
[13] C

[51] Int.Cl. 6B02C 13/00  
[25] EN  
[54] MOBILE PAPER SHREDDER  
[54] DECHIQUETEUSE A PAPIER SUR CAMION  
[72] Rajewski, David Edward, CA  
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[22] 1994-08-17

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[13] C

[51] **Int.Cl. 5H04L 9/28 5H04L 9/32**  
[25] EN  
[54] **METHOD AND APPARATUS FOR VERIFICATION OF CLASSES OF DOCUMENTS**  
[54] **METHODE ET APPAREIL DE VERIFICATION DE CLASSES DE DOCUMENTS**  
[72] Berson, William, US  
[73] Pitney Bowes Inc., US  
[22] 1994-08-19  
[30] US (08/110,268) 1993-08-23

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[11] **2,130,751**  
[13] C

[51] **Int.Cl. 5B01D 57/02 6C07K 1/26 5G01N 33/559 5G01N 33/68 5C12Q 1/68**  
[25] EN  
[54] **APPARATUS AND PROCESS FOR ELECTROELUTION OF A GEL CONTAINING CHARGED MACROMOLECULES**  
[54] **APPAREIL ET PROCESSUS D'ELECTROELUTION D'UN GEL CONTENANT DES MACROMOLECULES CHARGEES**  
[72] Andersen, Peter, DK  
[73] Andersen, Peter, DK  
[85] 1994-08-23  
[86] 1992-02-25 (PCT/DK92/00058)  
[87] (WO93/16788)

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[11] **2,130,780**  
[13] C

[51] **Int.Cl. 6C25C 3/04**  
[25] EN  
[54] **ELECTROLYTIC PRODUCTION OF MAGNESIUM METAL WITH FEED CONTAINING MAGNESIUM CHLORIDE AMMONIATES**  
[54] **PRODUCTION ELECTROLYTIQUE DE METAL DE MAGNESIUM AVEC MATIERE DE CHARGE RENFERMANT DES AMMONIATES DE CHLORURE DE MAGNESIUM**  
[72] Sivilotti, Olivo G., CA  
[73] ALCAN INTERNATIONAL LIMITED, CA  
[22] 1994-08-24  
[30] US (111,388) 1993-08-25

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[13] C

[51] **Int.Cl. 6B64C 27/00 6G10K 11/178**  
[25] EN  
[54] **HELICOPTER ACTIVE NOISE CONTROL SYSTEM**  
[54] **SYSTEME D'INSONORISATION ACTIVE DESTINE A UN HELICOPTERE**  
[72] Yoerkie, Charles A., US  
[72] Welsh, William A., US  
[72] Sheehy, Thomas W., US  
[73] United Technologies Corporation, US  
[85] 1994-09-15  
[86] 1993-04-14 (PCT/US93/03486)  
[87] (WO93/21064)  
[30] US (07/870,434) 1992-04-16

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[11] **2,132,845**  
[13] C

[51] **Int.Cl. 6A61F 13/46**  
[25] EN  
[54] **SANITARY NAPKIN HAVING BARRIER MEANS**  
[54] **SERVIETTE HYGIENIQUE OFFRANT UNE PROTECTION ACCRUE**  
[72] Roberts, John David, US  
[72] Mancel, Claude Paul, BE  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1994-09-23  
[86] 1993-03-15 (PCT/US93/02448)  
[87] (WO93/19711)  
[30] EP (92870052.5) 1992-03-31

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[11] **2,134,169**  
[13] C

[51] **Int.Cl. 5C08G 73/02 5H01F 1/00 5H01F 41/00**  
[25] FR  
[54] **PROCEDE DE COPOLYMERISATION DES COMPOSES DE L'ANILINE**  
[54] **PROCESS FOR COPOLYMERIZING ANILINE COMPOUNDS**  
[72] Cotteville, Denis, FR  
[72] Galaj, Stanislas, FR  
[73] ALCATEL, FR  
[22] 1994-10-24  
[30] FR (93 12 867) 1993-10-28

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[11] **2,134,325**  
[13] C

[51] **Int.Cl. 6G11B 7/14**  
[25] EN  
[54] **HIGH DATA RATE OPTICAL TAPE RECORDER**  
[54] **ENREGISTREUR A BANDE OPTIQUE A GRAND DEBIT**  
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[72] Hamilton, Scott M., US  
[72] Gangstead, Mervin L., US  
[72] Trimble, Richard A., US  
[72] Sadler, Jimmie L., US  
[72] Welch, Jeffrey P., US  
[73] RAYTHEON E-SYSTEMS, INC., US  
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[86] 1993-04-22 (PCT/US93/03602)  
[87] (WO93/22765)  
[30] US (877,535) 1992-05-01

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[11] **2,134,904**  
[13] C

[51] **Int.Cl. 6A61B 17/36 6A61M 25/01**  
[25] EN  
[54] **PROCESS FOR THE NONSURGICAL MAPPING AND TREATMENT OF ATRIAL ARRHYTHMIA USING CATHETERS GUIDED BY SHAPED GUIDING INTRODUCERS**  
[54] **PROCEDE DE CARTOGRAPHIE PAR VOIE NON CHIRURGICALE ET TRAITEMENT DE L'ARYTHMIE AURICULAIRE AU MOYEN DE CATHETERS GUIDES PAR DES INTRODUCTEURS PROFILES**  
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[72] Ockuly, John D., US  
[73] Daig Corporation, US  
[22] 1994-11-02  
[30] US (08/147,168) 1993-11-03  
[30] US (08/146,744) 1993-11-03  
[30] US (08/272,014) 1994-07-08

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[11] **2,135,170**  
[13] C

[51] **Int.Cl. 5G01N 21/76 5G01N 35/02**  
[25] EN  
[54] **LUMINOMETER WITH REDUCED SAMPLE CROSSTALK**  
[54] **LUMINOMETRE A DIAPHOTIE REDUITE**  
[72] Smethers, Rick T., US  
[72] Warner, Brian D., US  
[72] Burolla, Victor P., US  
[73] BAYER CORPORATION, US  
[85] 1994-11-04  
[86] 1993-05-03 (PCT/US93/04115)  
[87] (WO93/22657)  
[30] US (07/878,829) 1992-05-05

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[13] C  
[51] Int.Cl. 6B41B 15/10 6B41B 17/18  
6B41B 15/32 6G03B 27/52  
[25] EN  
[54] SUPPORT SYSTEM FOR PAPER  
MAGAZINE  
[54] STRUCTURE DE SUPPORT POUR  
MAGAZINES  
[72] Tamai, Masayuki, JP  
[73] Noritsu Koki Co., Ltd., JP  
[22] 1994-11-09  
[30] JP (5-281184) 1993-11-10

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[13] C  
[51] Int.Cl. 6G01C 19/72 6G01C 25/00  
[25] EN  
[54] A METHOD FOR DETECTING A  
FAULT OF AN OPTICAL-FIBER GYRO,  
AND AN APPARATUS FOR  
DIAGNOSING A FAULT OF THE SAME  
[54] METHODE ET APPAREIL DE  
DETECTION DE DEFAILLANCES  
DANS LES GYROLASERS  
[72] Kumagai, Tatsuya, JP  
[72] Kajioaka, Hiroshi, JP  
[72] Kobayashi, Osamu, JP  
[72] Akiyama, Munehiro, JP  
[72] Oho, Shigeru, JP  
[72] Sonobe, Hisao, JP  
[73] Hitachi Cable, Ltd., JP  
[73] HITACHI, LTD., JP  
[22] 1994-11-15  
[30] JP (5-286368) 1993-11-16

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[13] C  
[51] Int.Cl. 6G01J 1/50 6B65D 85/62  
[25] EN  
[54] USE OF TEST STRIPS TO  
PREVENT SUNBURN  
[54] BANDELETTES TEMOINS POUR  
LA PREVENTION DES COUPS DE  
SOLEIL  
[72] Krause, Manfred, DE  
[72] Kaufmann, Norbert, DE  
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[30] DE (P 43 38 811.6) 1993-11-15

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[51] Int.Cl. 6F23C 9/06 6F23D 14/32  
[25] EN  
[54] METHOD FOR DEEPLY STAGED  
COMBUSTION  
[54] METHODE DE COMBUSTION  
SOUS-STOECHIOMETRIQUE  
[72] Kobayashi, Hisashi, US  
[73] PRAXAIR TECHNOLOGY, INC., US  
[22] 1994-11-16  
[30] US (08/153,505) 1993-11-17

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[11] 2,135,942  
[13] C  
[51] Int.Cl. 6B01D 53/047  
[25] EN  
[54] VACUUM PRESSURE SWING  
ADSORPTION PROCESS  
[54] PROCEDE D'ADSORPTION  
MODULEE EN PRESSION NEGATIVE  
[72] Leavitt, Frederick Wells, US  
[73] PRAXAIR TECHNOLOGY, INC., US  
[22] 1994-11-16  
[30] US (08/153,507) 1993-11-17

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[11] 2,137,385  
[13] C  
[51] Int.Cl. 6H04L 12/56 6H04Q 7/22  
[25] EN  
[54] SWITCHING ARRANGEMENT  
FOR WIRELESS TERMINALS  
CONNECTED TO A SWITCH VIA A  
DIGITAL PROTOCOL CHANNEL  
[54] DISPOSITIF DE COMMUTATION  
POUR TERMINAUX DE  
COMMUNICATION SANS FIL  
CONNECTES A UN COMMUTATEUR  
VIA UN CANAL PROTOCOLAIRE  
NUMERIQUE  
[72] Griffith, Gary Len, US  
[72] Nienaber, Michael Lee, US  
[72] Petty, Norman Wesley, US  
[73] AMERICAN TELEPHONE AND  
TELEGRAPH COMPANY, US  
[22] 1994-12-06  
[30] US (176,183) 1994-01-03

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[13] C  
[51] Int.Cl. 5H04B 1/40 5H04B 7/216  
5H04B 7/26  
[25] EN  
[54] MOBILE COMMUNICATION  
SYSTEM CAPABLE OF  
TRANSMITTING AND RECEIVING A  
RADIO SIGNAL OBTAINED BY TDMA  
AND CDMA WITHOUT  
INTERFERENCE  
[54] SYSTEME DE COMMUNICATION  
MOBILE POUVANT EMETTRE ET  
RECEVOIR SANS BROUILLAGE DES  
SIGNAUX RADIO AMRT ET AMDC  
[72] Sato, Toshifumi, JP  
[73] NEC CORPORATION, JP  
[22] 1994-12-07  
[30] JP (307635/1993) 1993-12-08

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[51] Int.Cl. 6H01J 29/48  
[25] EN  
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ELECTRON BEAM APPARATUS  
[54] SOURCE D'ELECTRONS ET  
APPAREIL A FAISCEAU  
ELECTRONIQUE  
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[22] 1994-12-12  
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[51] Int.Cl. 6B65D 43/16  
[25] EN  
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PIVOT POINT HINGE  
[54] ACCOUPLEMENT A FRICTION  
POUR CHARNIERE A DOUBLE  
ARTICULATION  
[72] Ady, Roger W., US  
[72] Groves, William R., US  
[73] MOTOROLA, INC., US  
[85] 1995-01-16  
[86] 1994-05-17 (PCT/US94/05440)  
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[30] US (08/079,031) 1993-06-21

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[13] C

[51] **Int.Cl. 6A61J 3/07**  
[25] EN  
[54] **MEDICAMENT HAVING A PEDIATRIC PRESENTATION FOR FACILITATING THE ABSORPTION THEREOF BY A CHILD**  
[54] **MEDICAMENT AYANT UNE PRESENTATION PEDIATRIQUE POUR FACILITER L'ABSORPTION CHEZ L'ENFANT**  
[72] Grimberg, Georges Serge, FR  
[73] Grimberg, Georges Serge, FR  
[22] 1995-01-18  
[30] FR (94 00639) 1994-01-21

[11] **2,141,813**  
[13] C

[51] **Int.Cl. 6G01B 15/02 6G01B 15/00 6G03B 42/02 6G01B 15/04**  
[25] EN  
[54] **ONLINE TOMOGRAPHIC GAUGING OF SHEET METAL**  
[54] **CALIBRE TOMOGRAPHIQUE EN CONTINU DE TOLES**  
[72] Hoffman, Carvel D., US  
[72] Romberger, Charles J., US  
[72] Ellinger, Hunter, US  
[72] Stephens, Thomas W., US  
[72] Savage, Richard D., US  
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[73] Scientific Measurement Systems, Inc., US  
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[87] (WO94/03776)  
[30] US (07/924,105) 1992-08-03

[11] **2,142,175**  
[13] C

[51] **Int.Cl. 6B61G 5/10**  
[25] EN  
[54] **IMBEDDED ELECTRICAL CONNECTOR**  
[54] **CONNECTEUR ELECTRIQUE INTEGRE**  
[72] Miller, Craig A., US  
[73] Westinghouse Air Brake Company, US  
[22] 1995-02-09  
[30] US (08/355,839) 1994-12-14

[11] **2,142,993**  
[13] C

[51] **Int.Cl. 6A61B 5/117 6G01S 13/74 6G01S 13/75 6G01S 13/78**  
[25] EN  
[54] **MEDICAL INFORMATION TRANSPONDER IMPLANT**  
[54] **IMPLANT TRANSPONDEUR TRANSMETTANT DES DONNEES MEDICALES**  
[72] Knapp, Terry Russell, US  
[72] Andrews, Winston A., US  
[73] LipoMatrix Incorporated, VG  
[85] 1995-02-21  
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[87] (WO94/06105)  
[30] US (07/938,833) 1992-08-31

[11] **2,143,676**  
[13] C

[51] **Int.Cl. 6C08L 23/12 6C09J 7/02 6C08L 23/06**  
[25] EN  
[54] **SHEETING MADE FROM POLYMERS OF ETHYLENE AND PROPYLENE, AND ITS USE**  
[54] **FEUILLES OBTENUES A PARTIR DE POLYMERES D'ETHYLENE ET DE PROPYLENE; LEUR UTILISATION**  
[72] Leiss, Dirk, DE  
[73] Benecke-Kaliko AG, DE  
[85] 1995-03-01  
[86] 1994-07-01 (PCT/EP94/02158)  
[87] (WO95/01390)  
[30] DE (P 43 22 140.8) 1993-07-02

[11] **2,143,704**  
[13] C

[51] **Int.Cl. 6B04B 1/20 6B04B 3/04**  
[25] EN  
[54] **TILE SURFACING FOR A CENTRIFUGE CONVEYOR**  
[54] **VIS HELICOIDAL REVETUE D'UN MATERIAU ANTI-USURE**  
[72] Michaud, Richard R., US  
[72] Lee, Chie-Ying, US  
[73] Dorr-Oliver Incorporated, US  
[22] 1995-03-01  
[30] US (08/206,760) 1994-03-07  
[30] US (08/321,787) 1994-10-12

[11] **2,144,085**  
[13] C

[51] **Int.Cl. 6B22C 9/00 6F02F 1/10**  
[25] EN  
[54] **ONE PIECE CYLINDER HEAD AND LINER INCLUDING A DRAFTLESS WATER JACKET AND METHOD FOR MAKING SAME**  
[54] **CULASSE ET CHEMISE MONOBLOC, COMPRENANT UNE CHEMISE D'EAU SANS COURANT; METHODE DE FABRICATION**  
[72] Clark, Richard J., US  
[72] Clark, Richard K., US  
[72] Clark, Dennis E., US  
[73] MOTIVEPOWER INVESTMENTS LIMITED, US  
[85] 1995-03-07  
[86] 1994-07-11 (PCT/US94/07794)  
[87] (WO95/02478)  
[30] US (089,109) 1993-07-12

[11] **2,144,200**  
[13] C

[51] **Int.Cl. 6E05G 7/00 6G07F 7/00 6G07F 19/00**  
[25] EN  
[54] **DELIVERY ACCESS DEVICE**  
[54] **DISPOSITIF D'ACCES A DES PIECES DISTRIBUEES**  
[72] Mercer, Scott Alan, US  
[72] Peters, David Andrew, US  
[72] Leonhardt, Carl Nelsob, US  
[73] Interbold, US  
[22] 1995-03-08  
[30] US (08/237,086) 1994-05-03

[11] **2,145,615**  
[13] C

[51] **Int.Cl. 6B65B 25/16**  
[25] EN  
[54] **DEVICE FOR PACKAGING PRODUCTS, IN PARTICULAR BREAD, IN BAGS**  
[54] **DISPOSITIF D'EMBALLAGE DANS DES SACS, EN PARTICULIER DU PAIN**  
[72] Rompa, Jozef Johannes Theresia, NL  
[73] ROMPA PATENT BEHEER B.V.,  
[22] 1995-03-27  
[30] NL (9400497) 1994-03-29



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[13] C

[51] Int.Cl. 6H04L 12/56 6H04B 10/148  
6H04B 10/20  
[25] EN  
[54] PACKET DATA RECEIVER WITH  
SAMPLED DATA OUTPUT AND  
BACKGROUND LIGHT  
CANCELLATION  
[54] RECEPTEUR DE PAQUETS DE  
DONNEES A ECHANTILLONNAGE ET  
A SUPPRESSION DE SIGNAUX  
D'ARRIERE-PLAN  
[72] Mosch, Theo Wilhelmus, NL  
[72] Ota, Yusuke, US  
[72] Swartz, Robert Gerald, US  
[72] Van Wijk, Richard Arnold, NL  
[73] AT&T NETWORK SYSTEMS  
INTERNATIONAL B.V., NL  
[73] AMERICAN TELEPHONE AND  
TELEGRAPH COMPANY, US  
[22] 1995-03-28  
[30] US (236,608) 1994-05-02

[11] 2,145,809  
[13] C

[51] Int.Cl. 6B60R 21/16 6B32B 5/08  
6B32B 7/12  
[25] EN  
[54] INFLATABLE RESTRAINT  
DEVICE AND METHOD OF  
MANUFACTURING SAME  
[54] DISPOSITIF DE CONTENTION  
GONFLABLE ET METHODE DE  
FABRICATION  
[72] Palm, Edward B., US  
[73] Palm, Edward B., US  
[22] 1995-03-29  
[30] US (236,964) 1994-05-02

[11] 2,145,859  
[13] C

[51] Int.Cl. 6C12N 15/32 6A01N 63/00  
6C12N 1/20 6C12N 1/21 6C07K 14/325  
[25] EN  
[54] BACILLUS THURINGIENSIS  
CRYET4 AND CRYET5 TOXIN GENES  
AND PROTEINS TOXIC TO  
LEPIDOPTERAN INSECTS  
[54] GENES CRYET4 ET CRYET5 DES  
TOXINES DE BACILLUS  
THURINGIENSIS ET A PROTEINES  
THURINGIENSIS A L'EGARD DES  
LEPIDOPTERES  
[72] Donovan, William P., US  
[72] Tan, Yuping, US  
[72] Jany, Christine S., US  
[72] Gonzales, Jose M., US  
[73] MONSANTO COMPANY, US  
[85] 1995-03-29  
[86] 1994-07-28 (PCT/US94/08640)  
[87] (WO95/04146)  
[30] US (100,709) 1993-07-29

[11] 2,146,861  
[13] C

[51] Int.Cl. 6H04L 12/56  
[25] EN  
[54] DEVICE AND METHOD FOR CELL  
PROCESSING IN CELL RELAY NODES  
[54] DISPOSITIF ET METHODE DE  
TRAITEMENT DES CELLULES DANS  
DES NOEUDS DE RELAIS DE  
CELLULES  
[72] Hluchyj, Michael G., US  
[72] Cook, Steven R., US  
[73] MOTOROLA, INC., US  
[85] 1995-04-11  
[86] 1994-08-15 (PCT/US94/09261)  
[87] (WO95/08904)  
[30] US (08/123,777) 1993-09-20

[11] 2,146,903  
[13] C

[51] Int.Cl. 6C07C 215/14 6C07C 213/00  
6B01J 27/232 6B01J 23/36 6B01J 23/889  
[25] EN  
[54] REDUCTIVE AMINATION  
CATALYSTS FOR THE SELECTIVE  
PRODUCTION OF  
AMINOETHYLETHANOLAMINE  
[54] CATALYSEURS D'AMINATION  
REDUCTRICE POUR LA PRODUCTION  
SELECTIVE  
D'AMINOETHYLETHANOLAMINE  
[72] King, Stephen Wayne, US  
[73] UNION CARBIDE CHEMICALS &  
PLASTICS TECHNOLOGY  
CORPORATION, US  
[22] 1995-04-12

[11] 2,148,760  
[13] C

[51] Int.Cl. 6A01N 25/10 6A01N 49/00  
6A01N 37/06  
[25] FR  
[54] DISPOSITIF POUR LUTTER  
CONTRE LES INSECTES  
[54] DEVICE FOR CONTROLLING  
INSECTS  
[72] Caupin, Henri-Jean, FR  
[72] Leroux, Roland, FR  
[72] Guillon, Michel, FR  
[73] ELF ATOCHEM S.A., FR  
[22] 1995-05-05  
[30] FR (94 05 685) 1994-05-06

[11] 2,149,574  
[13] C

[51] Int.Cl. 6B21D 31/00  
[25] EN  
[54] FILL AND PRESSURIZATION  
APPARATUS  
[54] APPAREIL DE REMPLISSAGE ET  
DE PRESSURISATION  
[72] Cudini, Ivano G., CA  
[72] Mason, Murray R., CA  
[72] Klages, Gerrald A., CA  
[73] TI Corporate Services Limited, GB  
[22] 1995-05-17

[11] 2,150,391  
[13] C

[51] Int.Cl. 6G06K 9/62  
[25] EN  
[54] METHOD OF NON-LINEAR  
FILTERING OF DEGRADED  
DOCUMENT IMAGES  
[54] TECHNIQUE DE FILTRAGE NON  
LINEAIRE D'IMAGES DE  
DOCUMENTS AYANT SUBI DES  
DEGRADATIONS  
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[72] Church, Kenneth Ward, US  
[73] AT&T CORP., US  
[22] 1995-05-29  
[30] US (281,955) 1994-07-28

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[13] C

[51] **Int.Cl. 6H02H 3/18**  
[25] EN  
[54] **POWER SUPPLY PROTECTION CIRCUIT CAPABLE OF PREVENTING A FAILURE IN A MOBILE SATELLITE COMMUNICATION APPARATUS RESULTING FROM ERRONEOUS CONNECTION**  
[54] **CIRCUIT DE PROTECTION D'ALIMENTATION CAPABLE DE PREVENIR UNE PANNE D'APPAREIL MOBILE DE COMMUNICATION PAR SATELLITE DUE A UNE CONNEXION ERRONEE**  
[72] Uchikawa, Setomi, JP  
[73] NEC CORPORATION, JP  
[22] 1995-05-29  
[30] JP (116163/1994) 1994-05-30

[11] **2,151,414**  
[13] C

[51] **Int.Cl. 6B01J 23/54 6C07C 11/04 6C07C 5/05 6B01J 23/44 6B01J 23/50**  
[25] EN  
[54] **SELECTIVE ACETYLENE HYDROGENATION**  
[54] **HYDROGENATION SELECTIVE DE L'ACETYLENE**  
[72] Cheung, Tin-Tack Peter, US  
[72] Johnson, Marvin M., US  
[72] Brown, Scott H., US  
[72] Zisman, Stan A., US  
[72] Kimble, James B., US  
[73] PHILLIPS PETROLEUM COMPANY, US  
[22] 1995-06-09  
[30] US (08/269,723) 1994-07-01

[11] **2,151,968**  
[13] C

[51] **Int.Cl. 6G03G 21/20 6G03G 15/04**  
[25] EN  
[54] **ELECTROSTATOGRAPHIC REPRODUCTION MACHINE HAVING A PLATEN COOLING COVER**  
[54] **MACHINE DE REPRODUCTION ELECTROSTATOGRAPHIQUE A COUVERCLE DE REFROIDISSEMENT DE LA PLAQUE**  
[72] Velazquez, Carlos A., US  
[73] XEROX CORPORATION, US  
[22] 1995-06-16  
[30] US (297,199) 1994-08-29

[11] **2,152,021**  
[13] C

[51] **Int.Cl. 6H04B 1/04 6H04B 1/16**  
[25] EN  
[54] **VOICE TRANSMITTING APPARATUS AND VOICE RECEIVING APPARATUS USING UNIQUE WORD PATTERNS**  
[54] **APPAREIL DE TRANSMISSION DE PAROLES ET APPAREIL DE RECEPTION DE PAROLES UTILISANT DES STRUCTURES DE MOT PARTICULIERES**  
[72] Fuji, Tsuyoshi, JP  
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1995-06-16  
[30] JP (Hei 6-147875) 1994-06-29

[11] **2,152,211**  
[13] C

[51] **Int.Cl. 6G06K 9/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR AUTOMATED INTERPRETATION OF INPUT EXPRESSIONS USING NOVEL A POSTERIORI PROBABILITY MEASURES AND OPTIMALLY TRAINED INFORMATION PROCESSING NETWORKS**  
[54] **SYSTEME ET METHODE D'INTERPRETATION AUTOMATIQUE D'EXPRESSIONS UTILISANT UN NOUVEAU TYPE DE MESURES DE PROBABILITE A POSTERIORI ET DES RESEAUX DE TRAITEMENT D'INFORMATIONS A FORMATION OPTIMALE**  
[72] Burges, Christopher John, US  
[72] Denker, John Stewart, US  
[73] AT&T CORP., US  
[22] 1995-06-20  
[30] US (286,147) 1994-08-04

[11] **2,152,513**  
[13] C

[51] **Int.Cl. 6G10L 9/14 6G10L 9/08**  
[25] EN  
[54] **EXCITATION SIGNAL ENCODING METHOD AND DEVICE CAPABLE OF ENCODING WITH HIGH QUALITY**  
[54] **METHODE DE CODAGE DE SIGNAUX D'EXCITATION ET DISPOSITIF DE CODAGE DE HAUTE QUALITE**  
[72] Serizawa, Masahiro, JP  
[72] Ozawa, Kazunori, JP  
[73] NEC CORPORATION, JP  
[22] 1995-06-20  
[30] JP (138845/1994) 1994-06-21

[11] **2,153,130**  
[13] C

[51] **Int.Cl. 6C03C 10/10 6A61K 6/027**  
[25] EN  
[54] **LEUCITE-CONTAINING PHOSPHOSILICATE GLASS-CERAMIC**  
[54] **VITROCERAMIQUE DE PHOSPHOSILICATE RENFERMANT DE LA LEUCITE**  
[72] Frank, Martin, LI  
[72] Schweiger, Marcel, CH  
[72] Rheinberger, Volker, LI  
[72] Hoeland, Wolfram, LI  
[73] Ivoclar AG, LI  
[22] 1995-06-30  
[30] DE (P 44 23 793.6) 1994-07-01

[11] **2,153,132**  
[13] C

[51] **Int.Cl. 6C03C 10/10**  
[25] EN  
[54] **ZR02-CONTAINING GLASS-CERAMIC**  
[54] **VITROCERAMIQUE RENFERMANT DU ZR02**  
[72] Frank, Martin, LI  
[72] Rheinberger, Volker, LI  
[72] Hoeland, Wolfram, LI  
[73] Ivoclar AG, LI  
[22] 1995-06-30  
[30] DE (P 44 23 794.4) 1994-07-01

[11] **2,154,406**  
[13] C

[51] **Int.Cl. 6A61B 5/0484**  
[25] EN  
[54] **SYSTEM FOR PREDICTING INTERNAL CONDITION OF LIVE BODY**  
[54] **SYSTEME POUR DETERMINER LA CONDITION INTERNE D'UN CORPS VIVANT**  
[72] Kiyuna, Tomoharu, JP  
[72] Tanigawa, Tetsuji, JP  
[72] Yamazaki, Toshimasa, JP  
[73] NEC CORPORATION, JP  
[22] 1995-07-21  
[30] JP (6-0170979) 1994-07-22  
[30] JP (6-273818) 1994-11-08

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[11] 2,154,987  
[13] C

[51] Int.Cl. 6H01K 9/00 6H01K 1/62  
[25] EN  
[54] UNIVERSAL RECTANGULAR  
BASE BULB ADAPTER FOR  
PROVIDING EXTERNAL ELECTRICAL  
CONNECTION BETWEEN POWERED  
VEHICLES AND TRAILERS  
[54] ADAPTATEUR UNIVERSEL SUR  
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LECTURE A DISTANCE DE  
COMPTEURS  
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INTERFERENCE CANCELLING  
FUNCTION CAPABLE OF ASSURING A  
DESIRED RECEPTION QUALITY IN A  
NARROW-BAND DS/CDMA SYSTEM  
[54] RECEPTEUR DE SIGNAUX A  
SEQUENCE DIRECTE AMDC  
COMPORTANT UNE FONCTION DE  
SUPPRESSION DE PARASITES  
POUVANT ASSURER LA QUALITE DE  
RECEPTION VOULUE DANS UN  
SYSTEME AMDC A BANDE ETROITE  
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[13] C

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[25] EN  
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PREFUSER TRANSPORT  
[54] TRANSPORT VERS LE FIXEUR A  
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PRESSION  
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[72] Spehrley, Charles W., Jr., US  
[72] Thomas, Dean, US  
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CHANNELS  
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[11] 2,156,092  
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[54] **METHODE DE NETTOYAGE ET D'ENTRETIEN DE RESEAUX DE CANALISATIONS DE DISTRIBUTION D'EAU POTABLE**  
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[73] WASTECH INTERNATIONAL, INC., US  
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[13] C

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[54] ANODE POUR PILE RECHARGEABLE AYANT UN CORPS EN MATIERE ANODIQUE ACTIVE DANS LAQUELLE SONT DISPERSES DES PORES, PILE RECHARGEABLE FABRIQUEE A L'AIDE DE CETTE ANODE ET PROCEDE DE PRODUCTION DE CETTE ANODE.

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[13] C

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[13] C

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[72] Yahata, Tadao, JP  
[72] Shigefuji, Takashi, JP  
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[13] C

[51] Int.Cl. 6B05D 1/26 6B05C 5/02 6B05C 9/04

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[73] ALCAN INTERNATIONAL LIMITED, CA  
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[13] C

[51] Int.Cl. 6A61F 2/06  
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[13] C

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[11] 2,163,033  
[13] C

[51] Int.Cl. 6H01L 41/08 6H01L 41/22 6H03H 9/46  
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[54] DISPOSITIF A ONDE ACOUSTIQUE EN VOLUME  
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[72] Misu, Koichiro, JP  
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[54] **ARTICLE ABSORBANT,  
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[73] 546,401 ONTARIO LIMITED, CA  
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[25] EN  
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[54] **METHODE ET DISPOSITIF POUR  
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[30] RU (93031379) 1993-05-27

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[13] C

[51] **Int.Cl. 6C07D 498/22 6C07D 519/00  
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[25] EN  
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DERIVATIVES TO TREAT A  
PATHOLOGICAL CONDITION OF THE  
PROSTATE**  
[54] **UTILISATION DE DERIVES DE  
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TRAITER UN ETAT PATHOLOGIQUE  
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[30] US (08/069,178) 1993-05-28  
[30] US (08/096,622) 1993-07-22

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[13] C

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[54] **BORNE DE SORTIE PIVOTANTE  
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[11] **2,164,586**  
[13] C

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
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[54] **ELEMENTS ABSORBANTS A  
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[11] **2,164,671**  
[13] C

[51] **Int.Cl. 6C01B 39/04 6C01B 39/00  
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[54] **SYNTHESIS OF MESOPOROUS  
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[54] **SYNTHESE DE MATIERES  
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MESOPORES**  
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[25] EN  
[54] **DEVICE FOR COUPLING AND  
FLARING A METAL PIPE**  
[54] **DISPOSITIF DE RACCORDEMENT  
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[25] EN  
[54] GRANULAR LAUNDRY  
DETERGENT COMPOSITIONS  
CONTAINING STABILISED  
PERCARBONATE BLEACH  
PARTICLES  
[54] COMPOSITIONS DETERGENTES  
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[85] 1996-01-12  
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[30] EP (93870146.3) 1993-07-14

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[13] C

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[25] EN  
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OF AN INCREMENTALLY  
STRETCHED NONWOVEN FIBROUS  
WEB AND ELASTOMERIC FILM AND  
METHOD  
[54] FEUILLE ELASTIQUE LAMINEE  
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CONNEXE  
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[85] 1996-01-22  
[86] 1994-08-03 (PCT/US94/08736)  
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[11] 2,169,290  
[13] C

[51] Int.Cl. 6G06F 17/60 6G10L 5/00  
[25] EN  
[54] VOICE TROUBLE-SHOOTING  
SYSTEM FOR COMPUTER-  
CONTROLLED MACHINES  
[54] SYSTEME DE DEPANNAGE  
VOCAL POUR MACHINES  
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[87] (WO95/04971)  
[30] US (08/104,716) 1993-08-11

[11] 2,170,021  
[13] C

[51] Int.Cl. 6C01B 17/04  
[25] EN  
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[54] DEGAZAGE DE SOUFRE LIQUIDE  
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[25] EN  
[54] SYSTEM, METHOD AND  
ELECTRONIC CONTROL UNIT FOR  
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COMBUSTION INSTALLATION  
OPERATING ON MORE THAN ONE  
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[54] **CATALYSEURS POUR L'HYDROGENATION SELECTIVE SIMULTANEE DE DIOLEFINES ET DE NITRILES; METHODE DE PREPARATION**  
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[54] **APPAREIL DE REGULATION DE PRESSION HYDRAULIQUE COMPORTANT UN DISPOSITIF ESTIMANT LE VOLUME DE FLUIDE DANS LE RESERVOIR POUR REDUIRE LA PRESSION A L'INTERIEUR DU CYLINDRE**  
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[54] **MACHINE DE MOULAGE PAR INJECTION A DISPOSITIF DE FIXATION/SERRAGE, ET SYSTEME ET METHODE DE COMMANDE CONNEXES**  
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[54] **APPAREIL ET METHODE DE FABRICATION DE TORTILLAS**  
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[54] **METHODE POUR OBTENIR UNE  
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[54] **DISPOSITION D'OSCILLATION  
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[54] **METHOD FOR DETERMINING  
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UNDEVELOPED**  
[54] **METHODE POUR DETERMINER  
SI UNE PELLICULE  
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[54] **IMPLANT EN TOILE EXPANSIBLE  
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[54] **REGULATEUR DE TENSION**  
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[73] THOMSON CONSUMER  
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[86] 1994-09-13 (PCT/US94/10298)  
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[51] **Int.Cl. 6H04B 7/24**  
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ALLOCATING COMMUNICATION  
RESOURCES TO SUPPORT PRIORITY  
COMMUNICATIONS IN A  
COMMUNICATION SYSTEM**  
[54] **PROCEDE ET APPAREIL POUR  
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COMMUNICATION POUR ASSURER  
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[72] Houghton, Matthew A., US  
[73] MOTOROLA, INC., US  
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[25] EN  
[54] **PROCESS FOR PRODUCING 1-SUBSTITUTED TETRAHYDROQUINAZOLINES**  
[54] **METHODE POUR L'OBTENTION DE DERIVES DE SUBSTITUTION EN 1 DE TETRAHYDROQUINAZOLINES**  
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[25] EN  
[54] **STERILE AND PYROGEN-FREE COLUMNS COUPLED TO PROTEIN FOR BINDING AND REMOVAL OF SUBSTANCES FROM BLOOD**  
[54] **COLONNE STERILE ET APYROGENE COUPLEE A UNE PROTEINE EN VUE DE LA FIXATION ET DE L'EXTRACTION DE SUBSTANCES DONNEES DU SANG**  
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[72] Müller-Derlich, Jutta, DE  
[72] Barclay, Alan, BE  
[72] Bieber, Franz A., DE  
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[54] **MECANISME DE LEVAGE A CONTREPOIDS**  
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[54] **MECANISME DE CONTREPOIDS POUR PORTE BASCULANTE**  
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[54] **APPARATUS FOR TAKING A VOLUME-ADJUSTABLE SAMPLE FROM A MOVING FLUID**  
[54] **DISPOSITIF POUR LE PRELEVEMENT D'UN ECHANTILLON VARIABLE EN VOLUME, SUR UN FLUIDE EN MOUVEMENT**  
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[54] **METHOD OF CONTROLLING START OF ENGINE AND DEVICE FOR CARRYING OUT THE SAME**  
[54] **METHODE DE CONTROLE DU DEMARRAGE D'UN MOTEUR ET METHODE DE MISE EN OEUVRE DE LADITE METHODE**  
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[51] Int.Cl. 6B01J 20/20 6B01J 21/18  
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[72] Setoguchi, Toshihiko, JP  
[72] Kobayashi, Norihisa, JP  
[72] Mochida, Isao, JP  
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[30] JP (268296/1995) 1995-10-17

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[13] C

[51] Int.Cl. 6F21V 21/04  
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[54] **ENSEMBLE DE BO~TIER UNIVERSEL I.C. ET NON I.C. POUR ECLAIRAGE VERS LE BAS ET METHODE POUR LA FABRICATION DE CELUI-CI**  
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[54] **ELEMENTS DE CHARPENTE PROFILES A CHAUD EN ACIER EXTREMEMENT RESISTANT**  
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[30] US (275,841) 1994-07-15

[11] 2,195,201  
[13] C

[51] Int.Cl. 6B05C 11/04 6D21H 23/36  
[25] EN  
[54] **PAINTING EDGE LIMITER FOR A PAINTING ARRANGEMENT WITH A SHORT RESIDENCE TIME**  
[54] **APPAREIL LIMITEUR LATERAL POUR DISPOSITIF D'ENDUCTION A COURT TEMPS DE CONTACT**  
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[73] STORA FELDMUHLE AG, DE  
[85] 1997-01-15  
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[87] (WO96/02703)  
[30] DE (P 44 25 137.8) 1994-07-15

[11] 2,195,939  
[13] C

[51] Int.Cl. 6H04N 5/913 6H04N 7/167  
[25] EN  
[54] **APPARATUS AND METHOD FOR COMPREHENSIVE COPY PROTECTION FOR VIDEO PLATFORMS AND UNPROTECTED SOURCE MATERIAL**  
[54] **APPAREIL ET PROCEDE DE PROTECTION ANTICOPIE COMPLETE POUR INSTALLATIONS VIDE ET PROGRAMMES NON PROTEGES**  
[72] Ryan, John O., US  
[73] MACROVISION CORPORATION, US  
[85] 1997-01-24  
[86] 1995-07-12 (PCT/US95/08843)  
[87] (WO96/03835)  
[30] US (279,542) 1994-07-25

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[13] C

[51] Int.Cl. 6B21B 1/34  
[25] EN  
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[54] **PROCEDE D'OPTIMISATION DE LA CAPACITE D'UN MOULIN STECKEL**  
[72] Dorricott, Jonathan, US  
[73] IPSCO Inc., CA  
[85] 1997-01-27  
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[30] US (08/481,614) 1995-06-07

[11] 2,196,353  
[13] C

[51] Int.Cl. 6F25J 3/04 6C01B 13/02  
[25] EN  
[54] **SINGLE COLUMN CRYOGENIC RECTIFICATION SYSTEM FOR LOWER PURITY OXYGEN PRODUCTION**  
[54] **SYSTEME DE PURIFICATION CRYOGENIQUE A COLONNE UNIQUE POUR L'OBTENTION D'OXYGENE DE PURETE INFERIEURE**  
[72] Bonaquist, Dante Patrick, US  
[73] PRAXAIR TECHNOLOGY, INC., US  
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[30] US (08/612,519) 1996-03-19

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[13] C

[51] Int.Cl. 6F25J 3/04 6C01B 13/02  
[25] EN  
[54] **AIR BOILING CRYOGENIC RECTIFICATION SYSTEM WITH STAGED FEED AIR CONDENSATION**  
[54] **SYSTEME DE PURIFICATION CRYOGENIQUE A DEUX COLONNES ET EBULLITION D'AIR, AVEC CONDENSATION ETAGEE DE L'ALIMENTATION D'AIR**  
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[54] **APPAREIL DE TRANSMISSION A VITESSE VARIABLE**  
[72] ITO, Hideki, JP  
[72] KAWAKAMI, Soichi, JP  
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[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
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[54] **SEPARATEUR D'AIR CRYOGENIQUE A CONDENSATION ETAGEE DE L'AIR D'ALIMENTATION**  
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[73] PRAXAIR TECHNOLOGY, INC., US  
[22] 1997-03-18  
[30] US (08/617,591) 1996-03-19

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[13] C

[51] **Int.Cl. 6G01S 15/88 6B60Q 9/00 6G01S 15/93**  
[25] EN  
[54] **ULTRASONIC DETECTION SYSTEM FOR SAFETY OF VEHICLE PASSENGERS**  
[54] **SYSTEME DE DETECTION ULTRASON POUR ASSURER LA SECURITE DES PASSAGERS DES VEHICULES MOTORISES**  
[72] HARRON, Brian, CA  
[73] Her Majesty the Queen in Right of Canada as represented by the Minister, CA  
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[54] **VISIÈRE POUR CASQUE PROTECTEUR**  
[72] SELZER, James, US  
[72] JOSLIN, Edward G., US  
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[22] 1997-03-26

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[13] C

[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
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[54] **VUES HIERARCHIQUES INDIRECTES POUR LA GESTION D'APPLICATIONS LOGICIELLES**  
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[72] SLUIMAN, Harm, CA  
[73] IBM CANADA LTD. - IBM CANADA LIMITÉE, CA  
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[13] C

[51] **Int.Cl. 6F16L 35/00**  
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[73] DEERE & COMPANY, US  
[22] 1997-04-02  
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[13] C

[51] **Int.Cl. 6B65D 81/34 6B65D 25/14**  
[25] EN  
[54] **PARTIALLY SHIELDED MICROWAVE HEATING CONTAINER**  
[54] **RECIPIENT POUR FOUR A MICRO-ONDES EN PARTIE IMPERMEABLE AUX MICRO-ONDES**  
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[73] FORT JAMES CORPORATION, US  
[22] 1997-04-07  
[30] US (08/652,166) 1996-05-23

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[13] C

[51] **Int.Cl. 6B66C 9/16 6B66C 17/00 6B66C 9/08**  
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[54] **OVERHEAD CRANE WITH ADJUSTABLE BEARINGS**  
[54] **PONT ROULANT A SUPPORTS REGLABLES**  
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[73] HARNISCHFEGGER CORPORATION, US  
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[13] C

[51] **Int.Cl. 6F21V 21/34 6A47G 33/16 6H01R 13/516 6H01R 13/52**  
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[25] EN  
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[72] GAMBHIR, Renu, CA  
[73] GLAXO WELLCOME INC., CA  
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[13] C

[51] **Int.Cl. 6H01Q 13/06**  
[25] EN  
[54] **MICROWAVE ANTENNA FEED STRUCTURE**  
[54] **STRUCTURE D'ALIMENTATION D'ANTENNE MICRO-ONDES**  
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[73] ANDREW CORPORATION, US  
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[13] C

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[54] APPAREIL DESTINE A CHARGER ET A DECHARGER DES CHARGES  
[72] MCMAHON, Vincent P. J., US  
[72] DRIES, Brian, US  
[73] TOYRAK ENTERPRISES, INC., US  
[85] 1997-06-16  
[86] 1996-11-01 (PCT/US96/17471)  
[87] (WO97/16327)  
[30] US (08/552,223) 1995-11-02

[11] 2,209,865  
[13] C

[51] Int.Cl. 6G09F 3/00 6A62B 35/00 6B65C 5/00  
[25] EN  
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[72] BELL, Jonathan Marc, US  
[73] BELL, Michael, US  
[22] 1997-07-04

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[13] C

[51] Int.Cl. 6D21F 7/08  
[25] EN  
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[54] FEUTRE AYANT UN SUPPORT EN SENS TRAVERS ET UN ALIGNEMENT AMELIORES  
[72] SHIPLEY, Gale, US  
[73] Asten, Inc., US  
[22] 1997-10-14  
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[11] 2,221,947  
[13] C

[51] Int.Cl. 6E04B 7/16 6E04B 1/343  
[25] EN  
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[54] SUPPORT DE TOIT ESCAMOTABLE  
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[72] KUSUYAMA, Masashi, JP  
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[22] 1997-11-24  
[30] JP (314427-96) 1996-11-26

[11] 2,222,656  
[13] C

[51] Int.Cl. 6H04L 12/56  
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[54] SYSTEMES DE REACHEMINEMENT ET DE RETOUR SUR LA LIAISON NORMALE POUR RESEAU ATM  
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[72] NISHINO, Tetsuo, JP  
[72] OMURO, Katsumi, JP  
[72] NAKAGAKI, Tatsuru, JP  
[73] FUJITSU LIMITED, JP  
[22] 1991-06-17  
[62] 2,044,718  
[30] JP (2-159219) 1990-06-18  
[30] JP (2-211194) 1990-08-08  
[30] JP (2-280889) 1990-10-19

[11] 2,235,099  
[13] C

[51] Int.Cl. 6H04N 7/167 6H04N 9/64 6H04N 9/77  
[25] EN  
[54] METHOD AND APPARATUS FOR SCRAMBLING AND DESCRAMBLING OF VIDEO SIGNALS WITH EDGE FILL  
[54] METHODE ET APPAREIL DE BROUILLAGE ET DE DEBROUILLAGE DE SIGNAUX VIDEO A REMPLISSAGE DES BORDS  
[72] RYAN, John O., US  
[72] QUAN, Ronald, US  
[72] HOLZGRAFE, James R., US  
[72] WONFOR, Peter J., US  
[73] Macrovision Corporation, US  
[22] 1992-11-12  
[62] 2,082,675  
[30] US (795,890) 1991-11-19

[11] 2,235,100  
[13] C

[51] Int.Cl. 6H04N 7/167 6H04N 9/87 6H04N 5/913  
[25] EN  
[54] METHOD AND APPARATUS FOR SCRAMBLING AND DESCRAMBLING OF VIDEO SIGNALS WITH EDGE FILL  
[54] METHODE ET APPAREIL DE BROUILLAGE ET DE DEBROUILLAGE DE SIGNAUX VIDEO A REMPLISSAGE DES BORDS  
[72] HOLZGRAFE, James R., US  
[72] WONFOR, Peter J., US  
[72] RYAN, John O., US  
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[73] Macrovision Corporation, US  
[22] 1992-11-12  
[62] 2,082,675  
[30] US (795,890) 1991-11-19

[11] 2,235,102  
[13] C

[51] Int.Cl. 6H04N 7/167 6H04N 5/913  
[25] EN  
[54] METHOD AND APPARATUS FOR SCRAMBLING AND DESCRAMBLING OF VIDEO SIGNALS WITH EDGE FILL  
[54] METHODE ET APPAREIL DE BROUILLAGE ET DE DEBROUILLAGE DE SIGNAUX VIDEO A REMPLISSAGE DES BORDS  
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[22] 1992-11-12  
[62] 2,082,675  
[30] US (795,890) 1991-11-19

[11] 2,247,331  
[13] C

[51] Int.Cl. 6A01F 15/14  
[25] EN  
[54] BALE WAGON APPARATUS  
[54] APPAREIL REMORQUE POUR LA MISE SOUS GAINÉ PROTECTRICE DE BALLES DE FOIN  
[72] STIRLING, William, CA  
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[13] C

[51] **Int.Cl. 6A24D 3/14 6A24D 3/06  
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[25] EN

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[54] **FILTRE A FUMEE DE TABAC  
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[72] LESSER, Craig, US

[72] von BORSTEL, Reid W., US

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[86] 1997-05-14 (PCT/US97/08285)

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January 25, 2000**

# Canadian Laid-Open Applications

January 2, 2000 - January 8, 2000

## Demands canadiennes mises à la disponibilité du public

2 janvier 2000 - 8 janvier 2000

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[21] **2,211,980**  
[13] A1

[51] **Int.Cl. 6E04H 4/16**  
[25] EN  
[54] **SWIMMING POOL SKIMMER HAVING A DEFLECTOR MEMBER**  
[54] **ECUMOIRE DE PISCINE MUNI D'UNE PIECE DE DEFLEXION**  
[72] DESROCHERS, Jacques, CA  
[71] DESROCHERS, Jacques, CA  
[22] 1997-08-28  
[43] 2000-01-05

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[21] **2,237,136**  
[13] A1

[51] **Int.Cl. 6B65D 33/00 6B65B 67/12**  
[25] FR  
[54] **SACS DE PLASTIQUE AVEC BORDURE GONFLABLE**  
[54] **PLASTIC BAGS WITH AN INFLATABLE EDGE**  
[72] BELVAL, Claude, CA  
[71] BELVAL, Claude, CA  
[22] 1998-07-06  
[43] 2000-01-06

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[21] **2,237,882**  
[13] A1

[51] **Int.Cl. 6G02B 5/10**  
[25] EN  
[54] **MEANS OF CAUSING A PLANE MIRROR TO FUNCTION AS A HELIOSTAT OF ADJUSTABLE FOCAL LENGTH**  
[54] **MOYENS SERVANT A FAIRE FONCTIONNER UN MIROIR PLANE COMME UN HELIOSTAT A LONGUEUR FOCALE REGLABLE**  
[72] SYMINGTON, A. Fraser, CA  
[72] SYMINGTON, D. Fraser, CA  
[72] SYMINGTON, P. Tracy, CA  
[71] SYMINGTON, A. Fraser, CA  
[71] SYMINGTON, D. Fraser, CA  
[71] SYMINGTON, P. Tracy, CA  
[22] 1998-07-02  
[43] 2000-01-02

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[21] **2,237,884**  
[13] A1

[51] **Int.Cl. 6E06B 7/16**  
[25] EN  
[54] **REMOVABLE WEATHER SHIELD FOR SLIDING WINDOWS**  
[54] **ECRAN PROTECTEUR AMOVIBLE CONTRE LES INTEMPERIES, POUR FENETRE COULISSANTE**  
[72] GOSSELIN, Serge, CA  
[71] GOSSELIN, Serge, CA  
[22] 1998-07-03  
[43] 2000-01-03

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[21] **2,237,925**  
[13] A1

[51] **Int.Cl. 6A01G 27/00 6A01G 25/00**  
[25] EN  
[54] **TREE IRRIGATION SYSTEM (TIS) WITH A CONTROLLER OF NEGATIVE PRESSURE**  
[54] **SYSTEME D'IRRIGATION D'ARBRES AVEC REGULATEUR DE SOUS-PRESSION**  
[72] WANG, Shaoying, CA  
[72] WANG, Shaoying, CA  
[71] WANG, Shaoying, CA  
[71] WANG, Shaoying, CA  
[22] 1998-07-06  
[43] 2000-01-06

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[21] **2,237,926**  
[13] A1

[51] **Int.Cl. 6C02F 3/32 6A01G 33/00**  
[25] EN  
[54] **MICROPHYTE WATER RESTORER**  
[54] **MICROPHYTES POUR LA RESTAURATION DE L'EAU**  
[72] FROESE, Arthur John, CA  
[71] FROESE, Arthur John, CA  
[22] 1998-07-06  
[43] 2000-01-06

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[21] **2,237,928**  
[13] A1

[51] **Int.Cl. 6A61K 7/48**  
[25] EN  
[54] **LOTION BAR**  
[54] **LOTION EN BARRE**  
[72] JOHNSON, Melanie M., CA  
[71] JOHNSON, Melanie M., CA  
[22] 1998-07-07  
[43] 2000-01-07

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[21] **2,237,930**  
[13] A1

[51] **Int.Cl. 6A63B 23/08 6A63B 22/16**  
[25] EN  
[54] **THE ANKLE EXERCISER**  
[54] **L'EXERCISEUR DE CHEVILLES**  
[72] JONSON, Michael, CA  
[71] JONSON, Michael, CA  
[22] 1998-07-07  
[43] 2000-01-07

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[21] **2,238,773**  
[13] A1

[51] **Int.Cl. 6H02J 7/14**  
[25] EN  
[54] **IMPROVED 10SI ALTERNATOR HOUSING TO ACCOMMODATE LARGER HEAVY DUTY 17SI RECTIFIER**  
[54] **BOITE D'ALTERNATEUR 10SI AMELIOREE POUR CONTENIR UN RECTIFICATEUR 17SI A GRANDE CAPACITE ET DE PLUS GRANDE TAILLE**  
[72] KARAM, Raymond N., CA  
[72] KARAM, Roy N., CA  
[71] KARAM, Raymond N., CA  
[71] KARAM, Roy N., CA  
[22] 1998-07-06  
[43] 2000-01-06

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[21] **2,240,553**  
[13] A1  
[51] **Int.Cl. 6F01N 1/24 6F01N 7/18**  
[25] EN  
[54] **MAINTAINABLE SILENCER**  
[54] **SILENCIEUX ENTRETENABLE**  
[72] ELDADA, MAZEN VICTOR, CA  
[71] ELDADA, MAZEN VICTOR, CA  
[22] 1998-07-07  
[43] 2000-01-07

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[21] **2,242,068**  
[13] A1  
[51] **Int.Cl. 6G01N 21/41**  
[25] EN  
[54] **APPARATUS AND METHOD FOR FLUID ANALYSIS**  
[54] **APPAREIL ET METHODE D'ANALYSE D'UN FLUIDE**  
[72] MATTES, Robert A., US  
[72] THOMPSON, G. Wayne, US  
[72] PURVES, David B., US  
[72] ENGELHAUPT, Darell E., US  
[72] WORKMAN, Gary L., US  
[72] SMITH, David B., US  
[72] COOPER, Dan L., US  
[72] TURNER, Kenneth D., US  
[72] SEE, Harold J., US  
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA, US  
[71] C.F.C. TECHNOLOGY, INC., US  
[22] 1998-07-03  
[43] 2000-01-03

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[21] **2,242,101**  
[13] A1  
[51] **Int.Cl. 6C02F 1/467**  
[25] EN  
[54] **WATER TREATMENT PROCESS AND APPARATUS**  
[54] **APPAREIL ET PROCESSUS DE TRAITEMENT DE L'EAU**  
[72] WALSH, Michael, CA  
[71] WALSH, Michael, CA  
[22] 1998-07-02  
[43] 2000-01-02

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[21] **2,242,116**  
[13] A1  
[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6A01H 5/10 6C12N 15/29 6C12N 15/84**  
[25] EN  
[54] **METHOD FOR GENETIC ENGINEERING OF DISEASE RESISTANCE USING THE DR206 CLASS OF PROTEINS**  
[54] **METHODE DE GENIE GENETIQUE LIEE A LA RESISTANCE A LA MALADIE UTILISANT LA CATEGORIE DE PROTEINES DR206**  
[72] FRISTENSKY, Brian, CA  
[72] WANG, Yaping, CA  
[71] THE UNIVERSITY OF MANITOBA, CA  
[22] 1998-07-03  
[43] 2000-01-03

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[21] **2,242,152**  
[13] A1  
[51] **Int.Cl. 6H01L 49/00**  
[25] EN  
[54] **POLY FUSES IN CMOS INTEGRATED CIRCUITS**  
[54] **FUSIBLES DE SILICIUM POLYCRISTALLIN SITUES DANS DES CIRCUITS CMOS INTEGRES**  
[72] BOYD, Graeme B., CA  
[72] INIEWSKI, Kris, CA  
[71] PMC-SIERRA LTD., CA  
[22] 1998-07-03  
[43] 2000-01-03

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[21] **2,242,184**  
[13] A1  
[51] **Int.Cl. 6G09F 7/18**  
[25] EN  
[54] **HANGING SIGN**  
[54] **AFFICHE SUSPENDUE**  
[72] NORWOOD, John V., US  
[71] NORWOOD, John V., US  
[22] 1998-07-03  
[43] 2000-01-03

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[21] **2,242,187**  
[13] A1  
[51] **Int.Cl. 6G10L 9/14 6H04M 11/06 6H04N 1/327**  
[25] EN  
[54] **METHOD AND DEVICE FOR RECOGNIZING TONES AND SEQUENCES THEREOF**  
[54] **METHODE ET APPAREIL SERVANT A RECONNAITRE LES FREQUENCES ET LES SEQUENCES**  
[72] VERREAULT, Eric, CA  
[72] FISCHER, John C., CA  
[71] NEWBRIDGE NETWORKS CORPORATION, CA  
[22] 1998-07-03  
[43] 2000-01-03

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[21] **2,242,201**  
[13] A1  
[51] **Int.Cl. 6H04M 3/22 6G01R 1/04**  
[25] EN  
[54] **NETWORK INTERFACE DEVICE**  
[54] **DISPOSITIF D'INTERFACE AVEC LE RESEAU**  
[72] CHIN, Richard, CA  
[71] AEON PACIFIC MANUFACTURING LTD., CA  
[22] 1998-07-03  
[43] 2000-01-03

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[21] **2,242,280**  
[13] A1  
[51] **Int.Cl. 6A01K 7/06**  
[25] EN  
[54] **WATERER**  
[54] **ABREUVOIR**  
[72] VON TASCHITZKI, Martin, DE  
[71] ARATOWERK WALTER VON TASCHITZKI GMBH & CO. KG, DE  
[22] 1998-07-02  
[43] 2000-01-02

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[21] **2,242,318**  
[13] A1

[51] **Int.Cl. 6H04M 11/06 6H04L 12/16**  
[25] EN  
[54] **METHOD AND SYSTEM FOR CONDUCTING A MULTIMEDIA PHONE CALL**  
[54] **METHODE ET SYSTEME POUR PLACER UN APPEL TELEPHONIQUE MULTIMEDIA**  
[72] LI, Qi, CA  
[72] PASLAWSKI, Daniel John, CA  
[72] ROHS, Charles Gerald, CA  
[72] MICHAUD, Bertrand Marc-Andre, CA  
[72] CRAMER, Seth Whitney, CA  
[72] LO, Kevin Chi Hin, CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1998-07-06  
[43] 2000-01-06

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[21] **2,242,322**  
[13] A1

[51] **Int.Cl. 6G08B 13/189 6G08B 13/196**  
[25] EN  
[54] **DIGITAL VIDEO SECURITY SYSTEM**  
[54] **SYSTEME DE SECURITE VIDEO NUMERIQUE**  
[72] BAKSHI, Rajeev K., CA  
[71] SILENT WITNESS ENTERPRISES LTD., CA  
[22] 1998-07-06  
[43] 2000-01-06

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[21] **2,242,390**  
[13] A1

[51] **Int.Cl. 6H04B 1/02 6G08C 17/02 6G01S 1/02**  
[25] EN  
[54] **TRANSMITTER**  
[54] **TRANSMETTEUR**  
[72] POWLOUSKY, Peter, CA  
[71] POWLOUSKY, Peter, CA  
[22] 1998-07-06  
[43] 2000-01-06

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[21] **2,242,393**  
[13] A1

[51] **Int.Cl. 6A01G 23/095**  
[25] EN  
[54] **IMPROVED DELIMBER**  
[54] **EBRANCHEUSE AMELIOREE**  
[72] BELLEFEUILLE, Alain, CA  
[71] DENHARCO INC., CA  
[22] 1998-07-06  
[43] 2000-01-06

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[21] **2,242,404**  
[13] A1

[51] **Int.Cl. 6H04L 12/12 6G11B 23/00 6G06F 13/14 6H04M 3/22 6H04M 1/26**  
[25] EN  
[54] **REMOTE TELEPHONE SOFTWARE CONFIGURATION APPARATUS AND METHOD**  
[54] **METHODE ET APPAREIL DE CONFIGURATION D'UN LOGICIEL TELEPHONIQUE A DISTANCE**  
[72] LO, Kevin Chi Hin, CA  
[72] CRAMER, Seth Whitney, CA  
[72] MICHAUD, Bertrand Marc-Andre, CA  
[72] LI, Qi, CA  
[72] ROHS, Charles Gerald, CA  
[72] PASLAWSKI, Daniel John, CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1998-07-06  
[43] 2000-01-06

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[21] **2,242,439**  
[13] A1

[51] **Int.Cl. 6G07D 7/00**  
[25] EN  
[54] **WARMING-UP TYPE BILL VALIDATOR**  
[54] **APPAREIL DE VALIDATION DE BILLET A RECHAUFFEMENT**  
[72] MATSUNAGA, Kensuke, JP  
[72] MITSUMA, Takeshi, JP  
[72] MOTOHARA, Masahiro, JP  
[71] JAPAN CASH MACHINE CO., LTD., JP  
[22] 1998-07-07  
[43] 2000-01-07

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[21] **2,242,473**  
[13] A1

[51] **Int.Cl. 6B65G 33/32**  
[25] EN  
[54] **HANGER BEARING**  
[54] **PALIER DE SUSPENSION**  
[72] GADDIS, Donald L., US  
[72] GADDIS, Roy, US  
[72] HEPKER, Myland D., US  
[71] COURTESY ENTERPRISES, INC., US  
[22] 1998-07-07  
[43] 2000-01-07

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[21] **2,242,475**  
[13]

[51] **Int.Cl. 6A47K 13/10 6B65D 43/26**  
[25] EN  
[54] **HINGED COVER LIFTING AND LOWERING DEVICE**  
[54] **DISPOSITIF POUR FAIRE LEVER ET BAISSER UN COUVERCLE**  
**ARTICULE**  
[72] MORGAN, Jeff, CA  
[72] MARKLE, Evan, CA  
[71] MORGAN, Jeff, CA  
[71] MARKLE, Evan, CA  
[22] 1998-07-08  
[43] 2000-01-08

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[21] **2,242,495**  
[13] A1

[51] **Int.Cl. 6H04L 12/12 6H04M 11/06**  
[25] EN  
[54] **DATA NETWORK NODE CONNECTION ESTABLISHMENT**  
[54] **ETABLISSEMENT D'UNE CONNEXION DE NOEUDS POUR RESEAU DE DONNEES**  
[72] LO, Kevin Chi Hin, CA  
[72] CRAMER, Seth Whitney, CA  
[72] MICHAUD, Bertrand Marc-Andre, CA  
[72] ROHS, Charles Gerald, CA  
[72] PASLAWSKI, Daniel John, CA  
[72] LI, Qi, CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1998-07-06  
[43] 2000-01-06

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[21] **2,242,502**  
[13] A1

[51] **Int.Cl. 6G11C 5/00**  
[25] EN  
[54] **MEMORY ADAPTER**  
[54] **ADAPTATEUR DE MEMOIRE**  
[72] YAO, Li-Ho, TW  
[71] YAO, Li-Ho, TW  
[22] 1998-07-06  
[43] 2000-01-06

Canadian Laid-Open Applications  
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[21] **2,242,509**  
[13] A1  
[51] **Int.Cl. 6B62B 1/10 6B63C 13/00 6B62B 1/14**  
[25] EN  
[54] **HAND-PULLED COLLAPSIBLE CARRIER FOR WATERCRAFT**  
[54] **DISPOSITIF PORTEUR REPLIABLE POUVANT ETRE TIRE MANUELLEMENT POUR VEHICULE MARIN**  
[72] COOPER, Gary Leonard, CA  
[72] EARLEY, Robert Howard, CA  
[71] COOPER, Gary Leonard, CA  
[71] EARLEY, Robert Howard, CA  
[22] 1998-07-07  
[43] 2000-01-07

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[21] **2,242,649**  
[13] A1  
[51] **Int.Cl. 6C07H 23/00 6C07H 21/00 6C07H 19/06 6C07H 19/10**  
[25] EN  
[54] **REUSABLE SOLID SUPPORT FOR OLIGONUCLEOTIDE SYNTHESIS, PROCESS FOR PRODUCTION THEREOF AND PROCESS FOR USE THEREOF**  
[54] **SUPPORT SOLIDE REUTILISABLE POUR SYNTHESE OLIGONUCLEOTIDE, PROCESSUS DE PRODUCTION DU SUPPORT ET PROCESSUS D'UTILISATION CONNEXE**  
[72] YU, Shuyuan, CA  
[72] PON, Richard T., CA  
[71] UNIVERSITY TECHNOLOGIES INTERNATIONAL INC., CA  
[22] 1998-07-02  
[43] 2000-01-02

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[21] **2,242,656**  
[13] A1  
[51] **Int.Cl. 6F24F 13/10 6F24F 13/06**  
[25] EN  
[54] **SELF-MODULATING DIFFUSER FOR AIR CONDITIONING SYSTEMS**  
[54] **DIFFUSEUR AVEC UN AUTO-MODULATEUR POUR SYSTEME D'AIR CLIMATISE**  
[72] UNKNOWN, ZZ  
[71] E.H. PRICE LTD., CA  
[22] 1998-07-02  
[43] 2000-01-02

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[21] **2,242,664**  
[13] A1  
[51] **Int.Cl. 6H02J 7/02**  
[25] EN  
[54] **AC/DC RECHARGEABLE MOBIL PHONE CELL**  
[54] **PILE RECHARGEABLE CA/CC POUR TELEPHONE MOBILE**  
[72] SHIH, Hung-Ming, TW  
[71] SHIH, Hung-Ming, TW  
[22] 1998-07-02  
[43] 2000-01-02

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[21] **2,242,736**  
[13]  
[51] **Int.Cl. 6A62C 27/00 6A62C 39/00**  
[25] EN  
[54] **TURBINE JET ENGINE-ARMY TANK FOREST FIRE FIGHTER**  
[54] **ENGIN DE LUTTE CONTRE LES INCENDIES DE FORET, CONSTITUE D'UN TURBOREACTEUR MONTE SUR UN CHAR MILITAIRE**  
[72] MATHESON, Robert S., CA  
[71] MATHESON, Robert S., CA  
[22] 1998-07-08  
[43] 2000-01-08

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[21] **2,242,743**  
[13]  
[51] **Int.Cl. 6H04N 5/32 6A61B 6/00**  
[25] EN  
[54] **DIRECT CONVERSION DIGITAL X-RAY DETECTOR WITH INHERENT HIGH VOLTAGE PROTECTION FOR STATIC AND DYNAMIC IMAGING**  
[54] **DETECTEUR DE RAYONS X A CONVERSION PHOTOVOLTAIQUE DOTE DE PROTECTION INHERENTE CONTRE LA SURTENSION, POUR IMAGERIE STATIQUE ET DYNAMIQUE**  
[72] ROUGEOT, Henri M., CA  
[72] POLISCHUK, Bradley Trent, CA  
[72] LEBLANC, Philippe, CA  
[72] SHUKRI, Ziad Aziz, CA  
[72] CHOQUETTE, Martin, CA  
[71] FTNI INC., CA  
[22] 1998-07-08  
[43] 2000-01-08

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[21] **2,242,746**  
[13]  
[51] **Int.Cl. 6B28B 5/02 6B28B 19/00**  
[25] EN  
[54] **GYPSUMBOARD MANUFACTURE WITH CO-ROTATING SPREADER ROLLER**  
[54] **FABRICATION DE PLACOPLATRE EN UTILISANT UN ROULEAU EXTENSEUR A COROTATION**  
[72] BAL, Ronald, US  
[72] SEECHARAN, Tony, CA  
[71] WESTROC INC., CA  
[22] 1998-07-08  
[43] 2000-01-08

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[21] **2,242,751**  
[13]  
[51] **Int.Cl. 6F21V 23/00 6F21V 1/02 6A47G 33/16**  
[25] EN  
[54] **DECORATION LAMP**  
[54] **LAMPE DECORATIVE**  
[72] LIN, Mei-Lu, TW  
[71] LIN, Mei-Lu, TW  
[22] 1998-07-08  
[43] 2000-01-08

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[21] **2,242,835**  
[13]  
[51] **Int.Cl. 6H02G 1/12**  
[25] EN  
[54] **INSULATION-STRIPPING TOOL**  
[54] **PINCES A DENUDER**  
[72] HAMER, Eric, CA  
[71] HAMER, Eric, CA  
[22] 1998-07-08  
[43] 2000-01-08

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[21] **2,242,934**  
[13] A1  
[51] **Int.Cl. 6A63B 23/02**  
[25] EN  
[54] **APPARATUS FOR ISOLATING AND EXERCISING THE ABDOMINAL MUSCLES**  
[54] **APPAREIL POUR ISOLER ET FAIRE TRAVAILLER LES MUSCLES ABDOMINAUX**  
[72] McARTHUR, James A., CA  
[71] McARTHUR, James A., CA  
[22] 1998-07-06  
[43] 2000-01-06

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[21] **2,242,958**  
[13] A1

[51] **Int.Cl. 6H04M 11/08 6H04L 27/10 6H04M 3/22**  
[25] EN  
[54] **COMMUNICATING NETWORK RESOURCE LOCATORS TO CUSTOMER PREMISES EQUIPMENT USING MODIFIED RING ACCESS**  
[54] **COMMUNICATION DE LOCALISATEURS DE RESSOURCES RESEAU AUX INSTALLATIONS DES ABONNES AU MOYEN D'UN ACCES MODIFIE A L'ANNEAU**  
[72] PASLAWSKI, Daniel John, CA  
[72] LI, Qi, CA  
[72] MICHAUD, Bertrand Marc-Andre, CA  
[72] CRAMER, Seth Whitney, CA  
[72] ROHS, Charles Gerald, CA  
[72] LO, Kevin Chi Hin, CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1998-07-06  
[43] 2000-01-06

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[21] **2,243,059**  
[13] A1

[51] **Int.Cl. 6G06F 19/00**  
[25] FR  
[54] **SYSTEME DE DEVELOPPEMENT DE MODELES INFORMATIQUES DYNAMIQUES**  
[54] **DYNAMIC COMPUTER MODEL DEVELOPMENT SYSTEM**  
[72] LAMOTHE, Réjean, CA  
[71] LAMOTHE, Réjean, CA  
[22] 1998-07-06  
[43] 2000-01-06

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[21] **2,243,226**  
[13] A1

[51] **Int.Cl. 6G01R 21/00 6G01R 11/06 6G01R 11/40**  
[25] EN  
[54] **THREE-PHASE ELECTRICAL POWER MEASUREMENT SYSTEM**  
[54] **SYSTEME DE MESURE DE L'ENERGIE ELECTRIQUE TRIPHASE**  
[72] STOFFREGEN, Paul, US  
[72] LEWIS, Jim, US  
[71] VERIS INDUSTRIES, INC., US  
[22] 1998-07-15  
[43] 2000-01-06  
[30] US (09/110,634) 1998-07-06

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[21] **2,243,287**  
[13]

[51] **Int.Cl. 6F21L 7/00 6F21L 15/20**  
[25] EN  
[54] **MULTI-PIVOT FLASHLIGHT**  
[54] **LAMPE DE POCHE A PIVOTS MULTIPLES**  
[72] NEYER, James U., US  
[72] YAU, Kai C. A., CN  
[71] RAYOVAC CORPORATION, US  
[22] 1998-09-02  
[43] 2000-01-08  
[30] US (09/112,167) 1998-07-08

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[21] **2,244,105**  
[13]

[51] **Int.Cl. 6B27B 5/04 6B27B 5/10 6B27B 5/29**  
[25] EN  
[54] **PORTABLE PLANK EDGER**  
[54] **DELIGNEUSE PORTABLE**  
[72] GILBERT, Jacques, CA  
[71] GILBERT, Jacques, CA  
[22] 1998-08-21  
[43] 2000-01-08  
[30] GB (9814698.8) 1998-07-08

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[21] **2,244,545**  
[13]

[51] **Int.Cl. 6G09B 25/06 6G09B 25/08 6A63H 33/42**  
[25] EN  
[54] **RISER DEVICE FOR CREATING AN ELEVATED STRUCTURE FOR ARTIFICIAL LANDSCAPES**  
[54] **DISPOSITIF PERMETTANT D'OBTENIR DES STRUCTURES D'ELEVATION POUR PAYSAGES ARTIFICIELS**  
[72] OSMENT, David L., US  
[72] FULTON, C. Dwayne, US  
[71] OSMENT MODELS, INC., US  
[22] 1998-07-30  
[43] 2000-01-08  
[30] US (09/111,968) 1998-07-08

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[21] **2,244,996**  
[13] A1

[51] **Int.Cl. 6B60R 11/02 6E05F 15/16**  
[25] EN  
[54] **PANEL-MOUNTED GARAGE DOOR REMOTE CONTROL**  
[54] **COMMANDE A DISTANCE POUR PORTE DE GARAGE, MONTEE SUR UN PANNEAU INTERIEUR DU VEHICULE**  
[72] WU, Sammy K.Y., US  
[71] WU, Sammy K.Y., US  
[22] 1998-08-12  
[43] 2000-01-07  
[30] US (09/111,434) 1998-07-07

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[21] **2,246,073**  
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[51] **Int.Cl. 6A47B 21/02 6A47B 21/03**  
[25] EN  
[54] **CLAMPING MECHANISM FOR KEYBOARD SUPPORT**  
[54] **MECANISME DE FIXATION POUR SUPPORT DE CLAVIER**  
[72] HAHN, Christopher T., US  
[71] WEBER KNAPP COMPANY, US  
[22] 1998-08-28  
[43] 2000-01-08  
[30] US (09/112,257) 1998-07-08

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[21] **2,247,710**  
[13] A1

[51] **Int.Cl. 6B28B 5/00 6B28B 7/00 6E04C 1/00**  
[25] EN  
[54] **MORTARLESS, STACKABLE BLOCKS FOR FABRICATION OF PREFORMED CONCRETE UNITS TO FORM RETAINING WALLS AND FOR GENERAL BUILDING PURPOSES**  
[54] **BLOCS POUVANT S'EMPLER SANS MORTIER POUR LA FABRICATION D'UNITES EN BETON PREFORMEES POUR LA CONSTRUCTION DE MURS DE RETENUE ET DE BATIMENTS DIVERS**  
[72] BOTT, Tim Allen, US  
[71] ALLAN BLOCK CORPORATION, US  
[22] 1998-09-18  
[43] 2000-01-06  
[30] US (09/110,784) 1998-07-06

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[21] **2,248,420**  
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[51] **Int.Cl. 6G01S 13/90 6G01S 7/295 6G01S 7/41**  
[25] EN  
[54] **IMPROVED METHOD FOR PHASE UNWRAPPING IN IMAGING SYSTEMS**  
[54] **PROCEDE AMELIORE POUR LE DEROULEMENT DE PHASE DANS LES SYSTEMES D'IMAGERIE**  
[72] GLASS, Carter M., US  
[71] LOCKHEED MARTIN CORPORATION A MARYLAND CORPORATION, US  
[22] 1998-09-25  
[43] 2000-01-08  
[30] US (09/112,049) 1998-07-08

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[21] **2,248,470**  
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[51] **Int.Cl. 6B27G 19/00 6B27G 19/02 6B27G 19/08**  
[25] EN  
[54] **SPLITTER AND CUTTING MEMBER GUARD ASSEMBLY**  
[54] **ASSEMBLAGE PROTECTEUR POUR COUTEAU SEPARATEUR ET ORGANE COUPANT**  
[72] SUTTON, Stephen O., US  
[71] DELTA INTERNATIONAL MACHINERY CORP., US  
[22] 1998-09-28  
[43] 2000-01-08  
[30] US (09/111,980) 1998-07-08

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[21] **2,252,049**  
[13] A1  
[51] **Int.Cl. 6G02B 6/16**  
[25] EN  
[54] **METHOD OF MAKING AN OPTICAL FIBER RIBBON WITH IMPROVED PLANARITY AND AN OPTICAL FIBER RIBBON WITH IMPROVED PLANARITY**  
[54] **METHODE DE PRODUCTION D'UN RUBAN OPTIQUE AVEC PLANEITE AMELIOREE, ET RUBAN CONNEXE**  
[72] SHEN, Steven X., US  
[72] YANG, Houching M., US  
[71] ALCATEL, FR  
[22] 1998-11-23  
[43] 2000-01-02  
[30] US (09/109,529) 1998-07-02

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[21] **2,254,632**  
[13] A1  
[51] **Int.Cl. 6E05F 11/34 6E05C 19/00**  
[25] EN  
[54] **WINDOW OPERATOR WITH LOCKING WORM DRIVE SYSTEM**  
[54] **MECANISME DE FONCTIONNEMENT D'UNE FENETRE MUNI D'UN SYSTEME VERROUILLEUR DE PIGNON A VIS SANS FIN**  
[72] VIRKLER, Perry L., US  
[72] VETTER, Gregory J., US  
[71] TRUTH HARDWARE CORPORATION, US  
[22] 1998-11-27  
[43] 2000-01-06  
[30] US (09/110,515) 1998-07-06

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[21] **2,255,087**  
[13] A1  
[51] **Int.Cl. 6B62D 55/24 6B62D 55/26**  
[25] EN  
[54] **AN ENDLESS BELT FOR USE WITH HEAVY DUTY TRACK VEHICLES**  
[54] **COURROIE SANS FIN POUR VEHICULES LOURDS A CHENILLES**  
[72] LUSSIER, Alain, CA  
[71] CAMOPLAST INC., CA  
[22] 1998-11-30  
[43] 2000-01-03

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[13]  
[51] **Int.Cl. 6E21B 43/12 6E21B 31/06 6E21B 43/119**  
[25] EN  
[54] **MAGNETIC ASSEMBLY FOR USE WITH A DOWNHOLE CASING PERFORATOR**  
[54] **ASSEMBLAGE MAGNETIQUE POUR PERFORATEUR DE TUBAGE DE PUIT**  
[72] ZEER, Ian B., CA  
[72] BORGSTROM, Dennis V., CA  
[71] ZEER, Ian B., CA  
[71] BORGSTROM, Dennis V., CA  
[22] 1999-01-21  
[43] 2000-01-08

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[21] **2,260,316**  
[13]  
[51] **Int.Cl. 6G06F 3/14 6G06F 1/16**  
[25] EN  
[54] **NOTEBOOK COMPUTER**  
[54] **ORDINATEUR PORTATIF**  
[72] LIN, Hui, TW  
[71] LIN, Hui, TW  
[22] 1999-02-11  
[43] 2000-01-08  
[30] US (09/111,748) 1998-07-08

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[21] **2,260,571**  
[13] A1  
[51] **Int.Cl. 6B24B 47/10**  
[25] EN  
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[54] **APPAREIL D'ABRASION**  
[72] GARCIA, Jaime E., US  
[72] BARTA, Randall W., US  
[71] DELTA INTERNATIONAL MACHINERY CORP., US  
[22] 1999-01-26  
[43] 2000-01-07  
[30] US (09/111,216) 1998-07-07

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[21] **2,264,408**  
[13] A1  
[51] **Int.Cl. 6B62J 1/00**  
[25] EN  
[54] **SEAT FOR A BICYCLE**  
[54] **SELLE POUR BICYCLETTE**  
[72] LAWSON, Donald Garth, ZA  
[72] DALTON, Anthony Beresford Claude, ZA  
[71] LAWSON, Donald Garth, ZA  
[71] DALTON, Anthony Beresford Claude, ZA  
[22] 1999-03-04  
[43] 2000-01-07  
[30] ZA (98/5964) 1998-07-07  
[30] ZA (98/5963) 1998-07-07

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[21] **2,265,022**  
[13] A1  
[51] **Int.Cl. 6B65D 19/38**  
[25] EN  
[54] **A SANITIZED CARDBOARD PALLET**  
[54] **PALETTE DE CHARGEMENT ASEPTISEE EN CARTON**  
[72] GIASI, Joseph P., US  
[71] GIASI, Joseph P., US  
[22] 1999-03-30  
[43] 2000-01-02  
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[13] A1

[51] **Int.Cl. 6B65D 65/38 6B65B 53/00 6B65D 30/02 6B65D 30/08 6B65D 65/40**  
[25] EN  
[54] **BAG FOR BONE-IN MEAT PACKAGING**  
[54] **SAC POUR L'EMBALLAGE DE LA VIANDE NON DESOSSEE**  
[72] GEORGELOS, Paul Nick, US  
[72] TATARKA, Paul David, US  
[71] VISKASE CORPORATION, US  
[22] 1999-03-10  
[43] 2000-01-07  
[30] US (09/110,455) 1998-07-07

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[21] **2,265,295**  
[13]

[51] **Int.Cl. 6H01M 8/04 6H01M 8/24**  
[25] EN  
[54] **FUEL CELL**  
[54] **PILE A COMBUSTIBLE**  
[72] HAMADA, Hitoshi, JP  
[72] IWASE, Masayoshi, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[22] 1999-03-15  
[43] 2000-01-08  
[30] JP (HEI 10-192833) 1998-07-08

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[21] **2,267,817**  
[13] A1

[51] **Int.Cl. 6H01S 3/094**  
[25] EN  
[54] **END PUMPED ZIG-ZAG SLAB LASER GAIN MEDIUM**  
[54] **MEDIUM DE GAIN A PLAQUE ZIGZAG POUR LASER POMPE LONGITUDINALEMENT**  
[72] HOEFER, Carolyn S., US  
[72] INJEYAN, Hagop, US  
[71] TRW INC., US  
[22] 1999-03-31  
[43] 2000-01-07  
[30] US (09/111,080) 1998-07-07

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[21] **2,265,157**  
[13] A1

[51] **Int.Cl. 6G02B 6/26 6G02B 26/02**  
[25] EN  
[54] **VARIABLE ATTENUATION TYPE OPTICAL POWER ATTENUATOR WITH LATCHING RATCHET**  
[54] **AFFAIBLISSEUR DE PUISSANCE OPTIQUE REGLABLE A L'AIDE D'UN ROCHET ENCLIQUETABLE**  
[72] TAKAHASHI, Mitsuo, JP  
[71] SEIKOH GIKEN CO., LTD., JP  
[22] 1999-03-10  
[43] 2000-01-07  
[30] JP (191771-1998) 1998-07-07

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[21] **2,266,149**  
[13] A1

[51] **Int.Cl. 6H04B 7/00 6H04J 15/00 6G10L 3/02**  
[25] EN  
[54] **AN ANALOG RADIO SYSTEM WITH ACOUSTIC TRANSMISSION PROPERTIES**  
[54] **SYSTEME ANALOGUE DE RADIOCOMMUNICATION AVEC CARACTERISTIQUES DE TRANSMISSION ACOUSTIQUE**  
[72] McGIBNEY, Grant, CA  
[71] TELECOMMUNICATIONS RESEARCH LABORATORIES, CA  
[22] 1999-03-18  
[43] 2000-01-06  
[30] US (60/091,794) 1998-07-06

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[21] **2,268,383**  
[13] A1

[51] **Int.Cl. 6H04R 25/00**  
[25] EN  
[54] **PERSONAL INTERPRETER**  
[54] **INTERPRETE ELECTRONIQUE PERSONNEL**  
[72] COLWELL, Kevin, US  
[72] ENGELKE, Robert M., US  
[71] ULTRATEC, INC., US  
[22] 1999-04-08  
[43] 2000-01-02  
[30] US (09/108,790) 1998-07-02

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[21] **2,265,221**  
[13] A1

[51] **Int.Cl. 6A61F 2/02 6H04R 25/02**  
[25] EN  
[54] **MEDICAL IMPLANT**  
[54] **IMPLANT MEDICAL**  
[72] LEHNER, Rolf Martin, DE  
[72] MULLER, Dieter, DE  
[72] LEYSIEFFER, Hans, DE  
[72] REISCHL, Gabriele E., DE  
[71] IMPLEX GMBH SPEZIALHORGERÄTE, DE  
[22] 1999-03-11  
[43] 2000-01-02  
[30] DE (198 29 637.1) 1998-07-02

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[21] **2,267,538**  
[13] A1

[51] **Int.Cl. 6B21B 29/00 6B21B 31/16**  
[25] EN  
[54] **ROLL CROSSING, OFFSETTING, BENDING AND SHIFTING SYSTEM FOR ROLLING MILLS**  
[54] **SYSTEME DE CROISEMENT, DE DECALAGE, DE PLIAGE, ET DE DEPLACEMENT POUR FOULON A CYLINDRES**  
[72] GINZBURG, Vladimir B., US  
[71] INTERNATIONAL ROLLING MILL CONSULTANTS, INC., US  
[71] DANIELI UNITED, A DIVISION OF DANIELI CORPORATION, US  
[22] 1999-03-30  
[43] 2000-01-07  
[30] US (09/110,702) 1998-07-07

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[21] **2,269,188**  
[13] A1

[51] **Int.Cl. 6B60K 1/00**  
[25] EN  
[54] **HYBRID ELECTRIC VEHICLE DRIVE MOTOR MOUNTING MODULE**  
[54] **MODULE DE MONTAGE D'UN MOTEUR D'ENTRAINEMENT ELECTRIQUE POUR VEHICULE HYBRIDE**  
[72] LASECKI, Michael P., US  
[72] DONLEY, Harl, US  
[72] SCHULER, Nathan L., US  
[72] HARSHBARGER, M. Chad, US  
[71] NAVISTAR INTERNATIONAL TRANSPORTATION CORP., US  
[22] 1999-04-15  
[43] 2000-01-02  
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[13] A1  
[51] **Int.Cl. 6C07D 405/12 6A61K 31/445**  
[25] EN  
[54] **NOVEL COMPOUND**  
[54] **NOUVEAU COMPOSE**  
[72] JONES, Alan David, GB  
[72] O'KEEFFE, Deirdre, GB  
[72] WARD, Neal, GB  
[72] CRAIG, Andrew Simon, GB  
[71] SMITHKLINE BEECHAM P.L.C., GB  
[22] 1999-04-23  
[43] 2000-01-02  
[30] GB (9814316.7) 1998-07-02  
[30] GB (9821732.6) 1998-10-06  
[30] GB (9902935.7) 1999-02-10

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[21] **2,270,492**  
[13] A1  
[51] **Int.Cl. 6A01K 1/03**  
[25] EN  
[54] **PET CARRIER**  
[54] **CAGE PORTEUSE POUR ANIMAL FAMILIER**  
[72] PEEPLES, Kathleen G., US  
[72] WINGATE, Barry, US  
[71] IGLOO PRODUCTS CORP., US  
[22] 1999-04-29  
[43] 2000-01-07  
[30] US (09/111,200) 1998-07-07

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[21] **2,270,500**  
[13] A1  
[51] **Int.Cl. 6G06F 15/16**  
[25] EN  
[54] **METHOD, SYSTEM AND ARTICLE OF MANUFACTURE FOR PARALLEL, REMOTE ADMINISTRATION OF MIRRORED AND ALTERNATE VOLUME GROUPS IN A DISTRIBUTED DATA PROCESSING SYSTEM**  
[54] **METHODE, SYSTEME ET ARTICLE DE FABRICATION POUR LA GESTION PARALLELE ET A DISTANCE DES GROUPES DE VOLUMES MIROITES ET DE RECHANGE DANS UN SYSTEME A TRAITEMENT REPARTI DE DONNEES**  
[72] FERRI, Richard, US  
[72] CHASE-SALERNO, Michael S., US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1999-04-30  
[43] 2000-01-07  
[30] US (09/111,615) 1998-07-07  
[30] US (09/111,626) 1998-07-07  
[30] US (09/111,628) 1998-07-07

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[21] **2,272,034**  
[13] A1  
[51] **Int.Cl. 6F24H 9/20**  
[25] EN  
[54] **DIAGNOSTIC SYSTEM FOR A FUEL-FIRED WATER HEATER**  
[54] **SYSTEME DE DIAGNOSTIQUE POUR CHAUFFE-EAU A COMBUSTION**  
[72] HENDERSON, David L., US  
[72] LEEP, Jeffrey A., US  
[72] HALL, Jacob H., US  
[71] RHEEM MANUFACTURING COMPANY, US  
[22] 1999-05-14  
[43] 2000-01-02  
[30] US (09/109,604) 1998-07-02

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[21] **2,272,234**  
[13] A1  
[51] **Int.Cl. 6H04L 27/32 6H04L 27/01**  
[25] EN  
[54] **AUTOMATIC CONSTELLATION PHASE RECOVERY IN BLIND START-UP OF A DUAL MODE CAP-QAM RECEIVER**  
[54] **RECUPERATION AUTOMATIQUE DE LA PHASE DES CONSTELLATIONS AU DEMARRAGE AVEUGLE D'UN RECEPTEUR BI-MODE CAP-MAQ**  
[72] GARTH, Lee McCandless, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-05-18  
[43] 2000-01-02  
[30] US (09/110,081) 1998-07-02

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[21] **2,272,236**  
[13] A1  
[51] **Int.Cl. 6H04M 3/50 6H04M 1/50**  
[25] EN  
[54] **VOICE MESSAGING SYSTEM WHICH ALLOWS A REMOTE USER TO RETURN A CALL WITHOUT DISCONNECTING FROM A TELEPHONE LINE**  
[54] **SYSTEME D'AUDIOMESSAGERIE PERMETTANT A UN UTILISATEUR A DISTANCE DE RAPPELER QUELQU'UN SANS AVOIR A COUPER LA COMMUNICATION**  
[72] MCELWEE, John R., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-05-18  
[43] 2000-01-02  
[30] US (09/109,098) 1998-07-02

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[21] **2,272,246**  
[13] A1  
[51] **Int.Cl. 6H04L 27/32**  
[25] EN  
[54] **BLIND START-UP OF A DUAL MODE CAP-QAM RECEIVER**  
[54] **DEMARRAGE AVEUGLE D'UN RECEPTEUR BI-MODE CAP-MAQ**  
[72] WERNER, Jean-Jacques, US  
[72] YANG, Jian, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-05-18  
[43] 2000-01-02  
[30] US (09/109,364) 1998-07-02

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[21] **2,272,352**  
[13]  
[51] **Int.Cl. 6A45C 5/14 6A45C 5/06 6A45C 5/10**  
[25] EN  
[54] **ROLLING CATALOG CASE WITH EXTERNAL LAPTOP COMPARTMENT**  
[54] **PORTE-CATALOGUE A ROULETTES, MUNI D'UN COMPARTIMENT DESTINE A UN ORDINATEUR PORTATIF**  
[72] KRULIK, Richard J., US  
[71] UNITED STATES LUGGAGE, L.P., US  
[22] 1999-05-21  
[43] 2000-01-08  
[30] US (09/111,891) 1998-07-08

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[21] **2,272,506**  
[13]  
[51] **Int.Cl. 6H04L 12/26**  
[25] EN  
[54] **METERING OF INTERNET CONTENT USING A CONTROL**  
[54] **GESTION DU CONTENU INTERNET PAR LE BIAIS D'UN CONTROLE**  
[72] BLUMENAU, Trevor, US  
[71] NIELSEN MEDIA RESEARCH, INC., US  
[22] 1999-05-19  
[43] 2000-01-08  
[30] US (09/111,963) 1998-07-08

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[21] **2,272,756**  
[13] A1

[51] **Int.Cl. 6B05C 17/02 6B29C 63/10**  
[25] EN  
[54] **PAINT ROLLER COVERS WITH THERMOPLASTIC CORES AND METHOD AND APPARATUS FOR MAKING SAME**  
[54] **MANCHONS DE ROULEAU A PEINTURE AVEC MANDRINS THERMOPLASTIQUES, ET METHODE ET APPAREIL POUR LA FABRICATION DE CEUX-CI**  
[72] PURDY, Thomas G., US  
[72] HUMPHREY, Dennis D., US  
[72] GERARDO, Serafin J., US  
[71] THE WOOSTER BRUSH COMPANY, US  
[22] 1999-05-28  
[43] 2000-01-06  
[30] US (60/091,785) 1998-07-06

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[21] **2,272,794**  
[13] A1

[51] **Int.Cl. 6G01N 35/08 6G01N 35/00 6G01N 33/50**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING A STREAM OF LIQUID TEST PACKAGES IN A CAPSULE CHEMISTRY ANALYSIS SYSTEM**  
[54] **METHODE ET APPAREIL POUR REGULER LE PASSAGE DE PAQUETS D'ESSAI LIQUIDES DANS UN SYSTEME D'ANALYSE DE LA COMPOSITION CHIMIQUE DE CAPSULES**  
[72] GHERSON, Paul, US  
[72] LIGHTBODY, David, US  
[72] ADOLFSEN, Robert H., US  
[71] BAYER CORPORATION, US  
[22] 1999-05-21  
[43] 2000-01-06  
[30] US (111,162) 1998-07-06

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[21] **2,273,112**  
[13]

[51] **Int.Cl. 6H05B 41/16**  
[25] EN  
[54] **METHOD OF DC OPERATION OF A DISCHARGE LAMP WITH ARC STABILIZATION**  
[54] **MODE DE FONCTIONNEMENT COURANT CONTINU D'UNE LAMPE A DECHARGE A STABILISATION D'ARC**  
[72] MOSKOWITZ, Warren P., US  
[72] OLSEN, Joseph A., US  
[71] OSRAM SYLVANIA INC., US  
[22] 1999-05-26  
[43] 2000-01-08  
[30] US (09/112,128) 1998-07-08

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[21] **2,273,307**  
[13] A1

[51] **Int.Cl. 6G01F 23/26**  
[25] EN  
[54] **SENSOR FOR MEASURING CONTENT LEVELS IN CONTAINERS**  
[54] **CAPTEUR POUR MESURER LE NIVEAU DU CONTENU D'UN RECIPIENT**  
[72] BAKER, William J., CA  
[71] BAKER, William J., CA  
[22] 1999-05-28  
[43] 2000-01-06  
[30] US (60/091,749) 1998-07-06

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[21] **2,273,455**  
[13] A1

[51] **Int.Cl. 6A01G 13/02**  
[25] EN  
[54] **DECORATIVE PLANT COVER**  
[54] **RECOUVREMENT DECORATIF POUR PLANTES**  
[72] POSA, John G., US  
[71] POSA, John G., US  
[22] 1999-06-02  
[43] 2000-01-02  
[30] US (09/109,522) 1998-07-02

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[21] **2,273,629**  
[13] A1

[51] **Int.Cl. 6C04B 18/08**  
[25] EN  
[54] **METHOD FOR PRODUCING AGGREGATE**  
[54] **METHODE DE PRODUCTION DE GRANULAT**  
[72] GERBUS, John W., US  
[72] IVKOVICH, Daniel P., US  
[71] GERBUS, John W., US  
[71] IVKOVICH, Daniel P., US  
[22] 1999-06-02  
[43] 2000-01-06  
[30] US (09/111,095) 1998-07-06

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[21] **2,273,734**  
[13]

[51] **Int.Cl. 6G07F 9/02**  
[25] EN  
[54] **VENDING MACHINE DISPLAY**  
[54] **AFFICHEUR POUR DISTRIBUTEUR AUTOMATIQUE**  
[72] ROSS, Robert D., US  
[71] MARS INCORPORATED, US  
[22] 1999-06-08  
[43] 2000-01-08  
[30] US (60/092,047) 1998-07-08

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[21] **2,273,773**  
[13] A1

[51] **Int.Cl. 6B44F 9/12 6B21D 53/00 6B44C 1/22**  
[25] EN  
[54] **PROCESSING METHOD FOR A METAL SURFACE**  
[54] **METHODE DE TRAITEMENT D'UNE SURFACE METALLIQUE**  
[72] KIESEL, Ing. Gerd-Henning, DE  
[71] BENECKE-KALIKO AG, DE  
[22] 1999-06-07  
[43] 2000-01-07  
[30] DE (198 30 215.0) 1998-07-07

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[21] **2,273,812**  
[13]

[51] **Int.Cl. 6H01R 13/639**  
[25] EN  
[54] **POSITIVE LATCH CONNECTOR**  
[54] **VERROU A ACTION POSITIVE**  
[72] WRIGHT, John O., US  
[71] OSRAM SYLVANIA INC., US  
[22] 1999-06-08  
[43] 2000-01-08  
[30] US (09/111,670) 1998-07-08

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[21] **2,274,350**  
[13] A1  
[51] **Int.Cl. 6H04M 11/06 6H04L 12/66**  
[25] EN  
[54] **ANONYMOUS VOICE COMMUNICATION USING ON-LINE CONTROLS**  
[54] **COMMUNICATION VOCALE ANONYME PAR LE BIAIS DE COMMANDES EN LIGNE**  
[72] DESIMONE, Antonio, US  
[71] AT&T CORP., US  
[22] 1999-06-14  
[43] 2000-01-08  
[30] US (09/111,672) 1998-07-08

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[21] **2,274,445**  
[13] A1  
[51] **Int.Cl. 6F16H 29/16 6B62M 9/08 6F16H 61/22**  
[25] EN  
[54] **SHIFT MECHANISMS, LOCK ASSEMBLIES AND METHODS OF ADJUSTING A GEAR RATIO OF A TRANSMISSION**  
[54] **MECANISMES D'EMBRAYAGE, ASSEMBLAGES DE VERROUILLAGE ET METHODES D'AJUSTEMENT DU RAPPORT D'ENGRENAGE D'UNE TRANSMISSION**  
[72] MILLS, Ned, US  
[71] SPEED CONTROL, INC., US  
[22] 1999-06-14  
[43] 2000-01-02  
[30] US (09/109,562) 1998-07-02

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[21] **2,274,634**  
[13] A1  
[51] **Int.Cl. 6C22C 38/58**  
[25] FR  
[54] **ACIER INOXYDABLE AUSTENITIQUE COMPORTANT UNE BASSE TENEUR EN NICKEL ET RESISTANT A LA CORROSION**  
[54] **CORROSION-RESISTANT AUSTENITIC STAINLESS STEEL WITH LOW NICKEL CONTENT**  
[72] HAUDRECHY, Pascale, FR  
[71] UGINE SA, FR  
[71] UGINE-SAVOIE IMPHY, FR  
[22] 1999-06-08  
[43] 2000-01-02  
[30] FR (98-08427) 1998-07-02

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[21] **2,274,936**  
[13] A1  
[51] **Int.Cl. 6C08K 5/3415 6C08J 3/24 6C08K 5/54**  
[25] EN  
[54] **RUBBER COMPOSITIONS CONTAINING A CARBOXYMALEIMIDOPHENYL ESTER**  
[54] **COMPOSITIONS DE CAOUTCHOUC COMPRENANT UN ESTER DE CARBOXYMALEIMIDOPHENYLE**  
[72] WIDEMAN, Lawson Gibson, US  
[72] SANDSTROM, Paul Harry, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 1999-06-16  
[43] 2000-01-07  
[30] US (09/111,226) 1998-07-07

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[21] **2,274,993**  
[13] A1  
[51] **Int.Cl. 6C08K 5/101 6C08J 3/24**  
[25] EN  
[54] **RUBBER COMPOSITIONS CONTAINING STEARYL ACRYLATE OR METHACRYLATE**  
[54] **COMPOSITIONS DE CAOUTCHOUC CONTENANT DU STEARYLE ACRYLATE OU DU METHACRYLATE**  
[72] WIDEMAN, Lawson Gibson, US  
[72] SANDSTROM, Paul Harry, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 1999-06-15  
[43] 2000-01-07  
[30] US (09/111,445) 1998-07-07

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[21] **2,275,068**  
[13] A1  
[51] **Int.Cl. 6A47G 19/24**  
[25] EN  
[54] **CONDIMENT SHAKER**  
[54] **SAUPOUDROIR DE CONDIMENTS**  
[72] WALLAYS, NELE, BE  
[72] CAUTEREELS, VICTOR J.J., BE  
[71] DART INDUSTRIES INC., US  
[22] 1999-06-17  
[43] 2000-01-06  
[30] US (09/110,579) 1998-07-06

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[21] **2,275,076**  
[13] A1  
[51] **Int.Cl. 6B29D 5/10**  
[25] EN  
[54] **METHOD FOR ATTACHING RECLOSABLE ZIPPER STRIP TRANSVERSELY TO THERMOPLASTIC FILM MATERIAL**  
[54] **METHODE POUR FIXER TRANSVERSEMENT UNE BANDE D'OUVERTURE REFERMABLE A UNE PELLICULE THERMOPLASTIQUE**  
[72] MCMAHON, MICHAEL J., US  
[72] SHARE, LAWRENCE, US  
[72] VAN ERDEN, DONALD L., US  
[72] MALIN, ART, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-06-17  
[43] 2000-01-06  
[30] US (09/110,663) 1998-07-06

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[21] **2,275,280**  
[13] A1  
[51] **Int.Cl. 6B65D 25/20 6B65D 25/48**  
[25] EN  
[54] **BOTTLE-LIKE ADAPTOR FOR A BEVERAGE CAN**  
[54] **ADAPTEUR BOUTEILLE POUR CANNETTE DE BOISSON**  
[72] PALINCHAK, STEPHEN LARRY, US  
[71] PRIMO PRODUCTS, INC., US  
[22] 1999-06-16  
[43] 2000-01-07  
[30] US (09/118,057) 1998-07-07

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[21] **2,275,452**  
[13] A1  
[51] **Int.Cl. 6F41H 5/08**  
[25] EN  
[54] **DUAL PROTECTIVE SHIELD**  
[54] **BOUCLIER DE PROTECTION DOUBLE**  
[72] WIDMONT, RICHARD, CA  
[71] WIDMONT, RICHARD, CA  
[22] 1999-06-11  
[43] 2000-01-04

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**2 janvier 2000 - 8 janvier 2000**

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[21] **2,275,739**  
[13] A1

[51] **Int.Cl. 6H04J 14/02**  
[25] FR  
[54] **DISPOSITIF DE COMPENSATION DE LA DISPERSION DE POLARISATION DES CANAUX DANS UN SIGNAL A MULTIPLEXAGE EN LONGUEUR D'ONDE**  
[54] **UNIT USED TO COMPENSATE FOR POLARIZATION DISPERSION OF CHANNELS IN A WAVELENGTH-DIVISION MULTIPLEXING SIGNAL**  
[72] PENNINCKX, DENIS, FR  
[72] BRUYERE, FRANCK, FR  
[71] ALCATEL, FR  
[22] 1999-06-29  
[43] 2000-01-06  
[30] FR (98 08 624) 1998-07-06

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[21] **2,275,740**  
[13] A1

[51] **Int.Cl. 6G02B 6/136**  
[25] FR  
[54] **PROCEDE DE FABRICATION D'UN CIRCUIT OPTIQUE INTEGRE**  
[54] **INTEGRATED OPTICAL CIRCUIT MANUFACTURING PROCESS**  
[72] RENAUD, MONIQUE, FR  
[72] MESTRIC, ROLAND, FR  
[72] MARTIN, BERNARD, FR  
[72] POMMEREAU, FREDERIC, FR  
[72] PAGNOD-ROSSIAUX, PHILIPPE, FR  
[71] ALCATEL, FR  
[22] 1999-06-29  
[43] 2000-01-06  
[30] FR (98 08 622) 1998-07-06

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[21] **2,275,742**  
[13] A1

[51] **Int.Cl. 6B61F 5/52**  
[25] FR  
[54] **BOGIE POUR VEHICULE FERROVIAIRE ET SON PROCEDE DE FABRICATION**  
[54] **TRUCK FOR RAILWAY VEHICLE AND ITS MANUFACTURING PROCESS**  
[72] LANDROT, ALAIN, FR  
[71] ALSTOM FRANCE SA, FR  
[22] 1999-06-29  
[43] 2000-01-06  
[30] FR (98 08620) 1998-07-06

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[21] **2,275,831**  
[13]

[51] **Int.Cl. 6B01F 3/04 6F27D 23/04 6F27D 3/16 6F27D 3/18**  
[25] EN  
[54] **ROTOR FOR THE TREATMENT OF LIQUID**  
[54] **ROTOR DESTINE AU TRAITEMENT D'UN LIQUIDE**  
[72] VENAS, KARL, NO  
[71] NORSK HYDRO ASA, NO  
[22] 1999-06-21  
[43] 2000-01-08  
[30] NO (19983142) 1998-07-08

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[21] **2,276,154**  
[13] A1

[51] **Int.Cl. 6C22C 19/05**  
[25] EN  
[54] **NICKEL-BASED MONOCRYSTALLINE SUPERALLOY WITH A HIGH Y'SOLVUS**  
[54] **SUPERALLIAGE MONOCRISTALLIN A BASE DE NICKEL ET A Y'SOLVUS ELEVE**  
[72] RAFFESTIN, JEAN-LOUIS, FR  
[72] CARON, PIERRE, FR  
[72] NAVEOS, SERGE, FR  
[71] ONERA (OFFICE NATIONAL D'ÉTUDES ET DE RECHERCHES AÉROSPATIALES), FR  
[22] 1999-06-22  
[43] 2000-01-07  
[30] FR (98/08693) 1998-07-07

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[21] **2,276,262**  
[13] A1

[51] **Int.Cl. 6A23L 1/33 6A22C 29/02 6A23B 4/20**  
[25] EN  
[54] **METHOD AND SOLUTION FOR IMPROVING FROZEN SEAFOOD QUALITY**  
[54] **METHODE ET SOLUTION POUR AMELIORER LA QUALITE DU POISSON ET DES FRUITS DE MER CONGELES**  
[72] BAYER, ROBERT C., US  
[72] WORK, THERESE M., US  
[72] BUSHWAY, ALFRED A., US  
[71] UNIVERSITY OF MAINE, US  
[22] 1999-06-23  
[43] 2000-01-02  
[30] US (110,739) 1998-07-02

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[21] **2,276,264**  
[13] A1

[51] **Int.Cl. 6F16D 13/64 6F16D 13/72**  
[25] EN  
[54] **DISK ASSEMBLY**  
[54] **ASSEMBLAGE DE DISQUE DE ROUE**  
[72] KROLL, JURGEN, DE  
[72] BASTEL, NORBERT, DE  
[71] BORG-WARNER AUTOMOTIVE GMBH, DE  
[22] 1999-06-25  
[43] 2000-01-04  
[30] DE (19830049.2) 1998-07-04

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[21] **2,276,317**  
[13] A1

[51] **Int.Cl. 6B32B 5/26 6F16D 69/02**  
[25] EN  
[54] **HIGH PERFORMANCE TWO-PLY FRICTION MATERIAL**  
[54] **MATERIAU DE FROTTEMENT A DEUX COUCHES DE HAUTE PERFORMANCE**  
[72] LAM, ROBERT C., US  
[71] BORG-WARNER AUTOMOTIVE, INC., US  
[22] 1999-06-28  
[43] 2000-01-06  
[30] US (09/110,597) 1998-07-06

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[21] **2,276,330**  
[13] A1

[51] **Int.Cl. 6B65H 29/02 6B65H 35/04 6B65H 29/10 6B65H 31/30**  
[25] EN  
[54] **APPARATUS FOR STACKING FLAT ARTICLES**  
[54] **APPAREIL SERVANT A EMPILER DES ARTICLES PLATS**  
[72] DE VLAAM, HENK, NL  
[71] FERAG AG, CH  
[22] 1999-06-28  
[43] 2000-01-03  
[30] CH (1998 1429/98) 1998-07-03

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[21] **2,276,337**  
[13] A1

[51] **Int.Cl. 6H04B 7/185**  
[25] EN  
[54] **METHOD AND ARRANGEMENT FOR EXCHANGING CONTROL INFORMATION BETWEEN EARTH STATIONS OF A SATELLITE COMMUNICATION NETWORK**  
[54] **METHODE ET INSTALLATION PERMETTANT AUX STATIONS TERRESTRES D'ECHANGER DE L'INFORMATION DE CONTROLE AU SEIN D'UN RESEAU DE COMMUNICATION PAR SATELLITE**  
[72] WILLEMEN, JAN, BE  
[72] SAIDI, ABDELKRIME, BE  
[72] LEROY, JEAN-MARIE, BE  
[71] ALCATEL, FR  
[22] 1999-06-25  
[43] 2000-01-02  
[30] EP (98401666.7) 1998-07-02

[21] **2,276,472**  
[13] A1

[51] **Int.Cl. 6B65H 23/16 6B65H 77/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING WEB TENSION BY ACTIVELY CONTROLLING VELOCITY AND ACCELERATION OF A DANCER ROLL**  
[54] **METHODE ET APPAREIL DE CONTROLE DE LA TENSION DE LA BANDE PAR L'INTERMEDIAIRE DU CONTROLE ACTIF DE LA VITESSE ET DE L'ACCELERATION D'UN ROULEAU DANSEUR**  
[72] RAJALA, GREGORY JOHN, US  
[72] LORENZ, ROBERT DONALD, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 1999-06-25  
[43] 2000-01-03  
[30] US (09/110,753) 1998-07-03

[21] **2,276,555**  
[13] A1

[51] **Int.Cl. 6D21F 1/02**  
[25] EN  
[54] **PAPER MACHINE EDGE FIBER ALIGNMENT CONTROL BY ANGLED HEADBOX SIDES**  
[54] **CONTROLE DE L'ORIENTATION DES FIBRES EN LONG PAR RAPPORT AUX PAROIS INCLINEES DE LA CAISSE D'ARRIVEE DE LA MACHINE A PAPIER**  
[72] WAECH, THEODORE G., US  
[72] REINKE, NICOLAS A., US  
[71] BELOIT TECHNOLOGIES, INC., US  
[22] 1999-06-29  
[43] 2000-01-06  
[30] US (09/110,585) 1998-07-06

[21] **2,276,345**  
[13]

[51] **Int.Cl. 6G06F 3/02**  
[25] EN  
[54] **TERMINAL DEVICE**  
[54] **DISPOSITIF DE TERMINAL**  
[72] AZUMI, TAKASHI, JP  
[71] HITACHI, LTD., JP  
[22] 1999-06-25  
[43] 2000-01-08  
[30] JP (10-192798) 1998-07-08

[21] **2,276,477**  
[13]

[51] **Int.Cl. 6A62C 37/00**  
[25] EN  
[54] **SPRINKLER HEAD ESCUTCHEON LOCKING RING**  
[54] **BAGUE DE REGLAGE VERROUILLABLE POUR TETE D'ARROSEUR**  
[72] WINEBRENNER, THOMAS E., US  
[71] THE VIKING CORPORATION, US  
[22] 1999-06-25  
[43] 2000-01-08  
[30] US (09/112,111) 1998-07-08

[21] **2,276,568**  
[13] A1

[51] **Int.Cl. 6C08F 297/00**  
[25] EN  
[54] **BLOCK COPOLYMER AND POLYMER COMPOSITION COMPRISING THE SAME**  
[54] **COPOLYMER SEQUENCE ET COMPOSITION POLYMERIQUE COMPRENANT CELUI-CI**  
[72] ISHIURA, KAZUSHIGE, JP  
[72] AKAI, MAKOTO, JP  
[72] KITAYAMA, KOJI, JP  
[72] HAMADA, KENICHI, JP  
[71] KURARAY CO., LTD., JP  
[22] 1999-06-29  
[43] 2000-01-03  
[30] JP (204311/1998) 1998-07-03

[21] **2,276,351**  
[13] A1

[51] **Int.Cl. 6G01N 27/14**  
[25] EN  
[54] **HALOGEN GAS DETECTOR**  
[54] **DETECTEUR DE GAZ HALOGENE**  
[72] TOZIER, JOHN E., US  
[72] YANNOPOULOS, LYMPERIOS N., US  
[72] PETERS, ROBERT A., US  
[71] BACHARACH, INC., US  
[22] 1999-06-25  
[43] 2000-01-07  
[30] US (09/110,705) 1998-07-07

[21] **2,276,521**  
[13] A1

[51] **Int.Cl. 6B62D 55/24 6B62D 55/32**  
[25] EN  
[54] **TRACKS FOR ALL TERRAIN VEHICLES**  
[54] **CHENILLES POUR VEHICULES TOUT-TERRAIN**  
[72] WILKINSON, STEPHEN, CA  
[71] WILKINSON, STEPHEN, CA  
[22] 1999-06-25  
[43] 2000-01-06  
[30] US (60/091,717) 1998-07-06

[21] **2,276,581**  
[13] A1

[51] **Int.Cl. 6B25J 19/00**  
[25] EN  
[54] **HOST INDEPENDENT ARTICULATED ARM**  
[54] **BRAS ARTICULE AUTONOME**  
[72] RAAB, SIMON, US  
[71] FARO TECHNOLOGIES, INC., US  
[22] 1999-06-29  
[43] 2000-01-07  
[30] US (09/111,411) 1998-07-07

**Demandes canadiennes mises à la disponibilité du public**  
**2 janvier 2000 - 8 janvier 2000**

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[21] **2,276,587**  
[13] A1

[51] **Int.Cl. 6A61K 31/56 6A61M 37/00 6A61K 38/09 6A61K 47/32 6A61K 9/70**  
[25] EN  
[54] **SILICONE CORE LONG TERM ANDROGEN DELIVERY IMPLANT**  
[54] **IMPLANT A NOYAU DE SILICONE POUR LE TRANSPORT A LONG TERME D'ANDROGENES**  
[72] MOO-YOUNG, ALFRED J., US  
[72] SALEH, SALEH I., EG  
[71] THE POPULATION COUNCIL, INC., US  
[22] 1999-06-25  
[43] 2000-01-02  
[30] US (09/109,760) 1998-07-02

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[21] **2,276,625**  
[13] A1

[51] **Int.Cl. 6H04B 1/40**  
[25] EN  
[54] **DUAL BAND TRANSCEIVER**  
[54] **EMETTEUR-RECEPTEUR A DOUBLE BANDE**  
[72] BRANKOVIC, VESELIN, DE  
[71] SONY INTERNATIONAL (EUROPE) GMBH, DE  
[22] 1999-06-29  
[43] 2000-01-03  
[30] EP (98 112 402.7) 1998-07-03

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[21] **2,276,627**  
[13] A1

[51] **Int.Cl. 6G02B 6/36**  
[25] EN  
[54] **CONNECTOR PLUG**  
[54] **FICHE**  
[72] NAGASAWA, SHINJI, JP  
[72] TAKAYA, MASAOKI, JP  
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP  
[22] 1999-06-30  
[43] 2000-01-03  
[30] JP (188,489/1998) 1998-07-03  
[30] JP (244,912/1998) 1998-08-31

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[21] **2,276,632**  
[13] A1

[51] **Int.Cl. 6A61K 7/40 6A61K 7/06 6A61K 7/48**  
[25] EN  
[54] **COSMETIC COMPOSITION EXPLOITING SYNERGISTIC RADICAL-SCAVENGING EFFECTS**  
[54] **COMPOSITION COSMETIQUE TIRANT AVANTAGE DES EFFETS SYNERGIQUES D'EPURATION DU RADICAL**  
[72] FRITSCH, MARIE-CLAIRE, FR  
[72] VACHER, ANNE-MARIE, FR  
[71] LANATECH LABORATOIRE NATURE ET TECHNIQUE, FR  
[22] 1999-06-30  
[43] 2000-01-03  
[30] FR (98 08720) 1998-07-03

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[21] **2,276,638**  
[13] A1

[51] **Int.Cl. 6G06F 3/00 6G06F 12/14**  
[25] EN  
[54] **METHOD OF PROVIDING DIGITAL CONTENTS, METHOD OF MONITORING ILLEGAL USE OF DIGITAL CONTENTS, APPARATUS FOR PROVIDING DIGITAL CONTENTS, AND APPARATUS FOR MONITORING ILLEGAL USE OF DIGITAL CONTENTS**  
[54] **METHODE ET APPAREIL POUR FOURNIR LE CONTENU NUMERIQUE ET METHODE ET APPAREIL POUR CONTROLER L'UTILISATION ILLEGALE DU CONTENU NUMERIQUE**  
[72] NAMIOKA, MIYOKO, JP  
[72] KONDO, KAORI, JP  
[72] KOIKE, HIROSHI, JP  
[72] KIMURA, TOMOKO, JP  
[72] OKAYAMA, NOBUYA, JP  
[71] HITACHI, LTD., JP  
[22] 1999-06-29  
[43] 2000-01-06  
[30] JP (10-190343) 1998-07-06

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[21] **2,276,652**  
[13] A1

[51] **Int.Cl. 6C08G 63/85 6C08G 63/183**  
[25] EN  
[54] **POLYESTER POLYCONDENSATION WITH LITHIUM TITANYL OXALATE CATALYST**  
[54] **OBTENTION DU POLYESTER PAR CONDENSATION PAR L'EMPLOI D'UN CATALYSEUR D'OXALATE DE LITHIUM TITANYLE**  
[72] CANNON, KEVIN C., US  
[72] SESHADRI, SRI R., US  
[72] DIRKX, RYAN R., US  
[71] ELF ATOCHEM NORTH AMERICA, INC., US  
[22] 1999-06-25  
[43] 2000-01-07  
[30] US (60/092,032) 1998-07-07

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[21] **2,276,660**  
[13] A1

[51] **Int.Cl. 6C09K 17/06**  
[25] EN  
[54] **METHOD OF TREATING SOIL FOR CONTROLLING DUST AND FOR EFFECTING SOIL STABILIZATION THROUGH THE APPLICATION OF WASTE WATER**  
[54] **METHODE DE TRAITEMENT DU SOL POUR LUTTER CONTRE LES POUSSIERES ET POUR OBTENIR LA STABILISATION DU SOL PAR L'UTILISATION D'EAUX USEES**  
[72] GROTT, GERALD J., US  
[71] GROTT, GERALD J., US  
[22] 1999-06-30  
[43] 2000-01-06  
[30] US (09/110,789) 1998-07-06

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[21] **2,276,675**  
[13] A1

[51] **Int.Cl. 6B60J 1/20 6E06B 9/52**  
[25] EN  
[54] **SCREEN FOR AN AUTOMOBILE WINDOW**  
[54] **MOUSTIQUAIRE POUR FENETRE D'AUTOMOBILE**  
[72] RYAN, RICHARD O., CA  
[71] RYAN, RICHARD O., CA  
[22] 1999-06-30  
[43] 2000-01-02  
[30] US (09/109,192) 1998-07-02

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[21] **2,276,678**  
[13] A1  
[51] **Int.Cl. 6H05B 3/62 6H05B 3/12**  
[25] EN  
[54] **RESISTANCE ELECTRIQUE CHAUFFANTE POUR FOUR ELECTRIQUE ET PROCEDE DE FABRICATION D'UNE TELLE RESISTANCE**  
[54] **ELECTRICAL RESISTANCE HEATING ELEMENT FOR AN ELECTRIC FURNACE AND MANUFACTURING PROCESS THEREOF**  
[72] LE BOULCH, MARIANNE, FR  
[72] CHARTIER, THIERRY, FR  
[72] LAURENT, JEAN-MARC, FR  
[72] GOEURIOT, PATRICE, FR  
[72] VALDIVIESO, FRANÇOIS, FR  
[71] ELECTRICITE DE FRANCE - SERVICE NATIONAL, FR  
[22] 1999-06-30  
[43] 2000-01-06  
[30] FR (98 08634) 1998-07-06

[21] **2,276,725**  
[13] A1  
[51] **Int.Cl. 6B63B 3/14 6B63B 3/32 6B63B 35/73**  
[25] EN  
[54] **BULKHEAD STRUCTURE FOR PERSONAL WATERCRAFT**  
[54] **STRUCTURE DE CLOISON POUR MOTOMARINE**  
[72] TSUMIYAMA, YOSHINORI, JP  
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP  
[22] 1999-06-30  
[43] 2000-01-06  
[30] JP (HEI 10-190700) 1998-07-06

[21] **2,276,761**  
[13] A1  
[51] **Int.Cl. 6E06B 9/00**  
[25] EN  
[54] **ARCHED WINDOW BLIND**  
[54] **STORE EN VOUTE**  
[72] SHAW, TREVOR, CA  
[72] MCLELLAN, ERIC R., CA  
[71] SHAW, TREVOR, CA  
[71] MCLELLAN, ERIC R., CA  
[22] 1999-06-29  
[43] 2000-01-06  
[30] US (60/091,720) 1998-07-06

[21] **2,276,764**  
[13] A1  
[51] **Int.Cl. 6C07D 219/02 6C07D 219/06 6C07D 401/12 6C07D 405/12 6C07D 409/12 6A61K 31/47 6A61K 31/495**  
[25] EN  
[54] **ACRIDIN DERIVATIVES**  
[54] **DERIVES DE L'ACRIDINE**  
[72] ZIMMER, OSWALD, DE  
[72] ENGLBERGER, WERNER GUNTER, DE  
[72] STRASSBURGER, WOLFGANG WERNER ALFRED, DE  
[72] PUTZ, CLAUDIA KATHARINA, DE  
[71] GRUNENTHAL GMBH, DE  
[22] 1999-07-02  
[43] 2000-01-06  
[30] DE (198 30 105.7) 1998-07-06

[21] **2,276,766**  
[13] A1  
[51] **Int.Cl. 6G02B 6/16**  
[25] EN  
[54] **OPTICAL WAVEGUIDE**  
[54] **GUIDE D'ONDES OPTIQUE**  
[72] MATSUKURA, IKUO, JP  
[72] SUZUKI, KATSUMI, JP  
[71] ASAHI GLASS COMPANY LTD., JP  
[22] 1999-07-02  
[43] 2000-01-03  
[30] JP (JP10-189311) 1998-07-03

[21] **2,276,767**  
[13] A1  
[51] **Int.Cl. 6H04N 7/64 6H04N 7/015**  
[25] EN  
[54] **HDTV VIDEO FRAME SYNCHRONIZER THAT PROVIDES CLEAN DIGITAL VIDEO WITHOUT VARIABLE DELAY**  
[54] **SYNCHRONISEUR D'IMAGE VIDEO TVHD OFFRANT DE LA VIDEO NUMERIQUE NETTE SANS RETARD VARIABLE**  
[72] KAKU, VICKEY B., US  
[72] NEMIROFF, ROBERT, US  
[71] GENERAL INSTRUMENT CORPORATION, US  
[22] 1999-07-02  
[43] 2000-01-06  
[30] US (09/110,930) 1998-07-06

[21] **2,276,791**  
[13] A1  
[51] **Int.Cl. 6C12N 15/86 6A61K 48/00 6C12N 7/01 6C12N 5/10 6C12N 15/34 6A61K 31/70**  
[25] EN  
[54] **USE OF ADENOVIRAL E4 READING FRAMES TO IMPROVE EXPRESSION OF A GENE OF INTEREST**  
[54] **EMPLOI DE CADRES DE LECTURE E4 ADENOVIRAUX POUR AMELIORER L'EXPRESSION D'UN GENE D'INTERET**  
[72] LUSKY, MONICA, DE  
[72] MEHTALI, MAJID, FR  
[71] TRANSGENE S.A., FR  
[22] 1999-07-06  
[43] 2000-01-07  
[30] EP (98 40 1722.8) 1998-07-07  
[30] EP (98 40 2825.8) 1998-11-13

[21] **2,276,796**  
[13] A1  
[51] **Int.Cl. 6A47L 5/14 6A47L 9/28 6A47L 5/30 6A47L 9/32**  
[25] EN  
[54] **VACUUM CLEANER**  
[54] **ASPIRATEUR**  
[72] KATO, TOMONORI, JP  
[72] ODACHI, TORU, JP  
[72] NISHIKORI, TAMAKI, JP  
[72] HAYASHI, SEIZO, JP  
[72] OHARA, NAOYUKI, JP  
[72] ITO, KOICHI, JP  
[72] HAYAKAWA, HIROSHI, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1999-07-06  
[43] 2000-01-06  
[30] JP (10-190062) 1998-07-06  
[30] JP (10-191194) 1998-07-07  
[30] JP (10-191195) 1998-07-07  
[30] JP (10-302461) 1998-10-23  
[30] JP (10-302462) 1998-10-23

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,276,797**  
[13] A1

[51] **Int.Cl. 6H04B 1/18 6H03G 3/20**  
[25] EN  
[54] **METHOD FOR IMPROVING THE WANTED SIGNAL IN A RADIO RECEIVING UNIT**  
[54] **METHODE D'AMELIORATION D'UN SIGNAL VOULU DANS UN RECEPTEUR RADIO**  
[72] SCHWANENBERGER, THOMAS, DE  
[72] ROTH, SABINE, DE  
[72] SCHEMMANN, HEINRICH, DE  
[71] DEUTSCHE THOMSON-BRANDT GMBH, DE  
[22] 1999-06-30  
[43] 2000-01-02  
[30] DE (19829500.6) 1998-07-02

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[21] **2,276,800**  
[13] A1

[51] **Int.Cl. 6H04Q 7/20 6B60R 16/02**  
[25] EN  
[54] **AUTOMOBILE COMMUNICATIONS METHOD AND SYSTEM**  
[54] **SYSTEME ET METHODE DE COMMUNICATION EN AUTOMOBILE**  
[72] YOSHIDA, YASUHARU, JP  
[71] NEC CORPORATION, JP  
[22] 1999-07-06  
[43] 2000-01-07  
[30] JP (207145/1998) 1998-07-07

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[21] **2,276,801**  
[13] A1

[51] **Int.Cl. 6G02F 1/153**  
[25] EN  
[54] **ELECTROLUMINESCENT ASSEMBLIES USING AZOMETHINE-METAL COMPLEXES**  
[54] **ASSEMBLAGES ELECTROLUMINESCENTS SE SERVANT DE COMPLEXES D'AZOMETHINE ET DE METAL**  
[72] ELSCHNER, ANDREAS, DE  
[72] WEHRMANN, ROLF, DE  
[72] HEUER, HELMUT-WERNER, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1999-06-30  
[43] 2000-01-04  
[30] DE (19829948.6) 1998-07-04

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[21] **2,276,806**  
[13] A1

[51] **Int.Cl. 6G02F 1/153**  
[25] EN  
[54] **ELECTROLUMINESCENT ASSEMBLIES CONTAINING BORON CHELATES**  
[54] **ASSEMBLAGES ELECTROLUMINESCENTS CONTENANT DES CHELATES DE BORE**  
[72] ELSCHNER, ANDREAS, DE  
[72] HEUER, HELMUT WERNER, DE  
[72] WEHRMANN, ROLF, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1999-06-30  
[43] 2000-01-04  
[30] DE (19829947.8) 1998-07-04

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[21] **2,276,808**  
[13] A1

[51] **Int.Cl. 6G02F 1/153**  
[25] EN  
[54] **ELECTROLUMINESCENT ASSEMBLIES USING BORON CHELATES OF 8-AMINOQUINOLINE DERIVATIVES**  
[54] **ASSEMBLAGES ELECTROLUMINESCENTS SE SERVANT DE CHELATES DE BORE PROVENANT DE DERIVES D'AMINOQUINOLINE-8**  
[72] ELSCHNER, ANDREAS, DE  
[72] HEUER, HELMUT-WERNER, DE  
[72] WEHRMANN, ROLF, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1999-06-30  
[43] 2000-01-04  
[30] DE (19829949.4) 1998-07-04

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[21] **2,276,810**  
[13] A1

[51] **Int.Cl. 6G02B 6/36 6G02B 6/42**  
[25] EN  
[54] **CONNECTING MEMBER FOR AN OPTICAL FIBRE CABLE AND METHOD CONNECTING AN OPTICAL FIBRE CABLE**  
[54] **ORGANE DE CONNEXION POUR CABLE A FIBRES OPTIQUES ET METHODE DE CONNEXION D'UN CABLE A FIBRES OPTIQUES**  
[72] HARTING, DIETMAR, DE  
[72] KLEEDORFER, CLAUS, DE  
[72] BUSSMANN, RAINER, DE  
[71] HARTING KGAA, DE  
[22] 1999-07-05  
[43] 2000-01-06  
[30] DE (198 30 148.0) 1998-07-06

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[21] **2,276,813**  
[13] A1

[51] **Int.Cl. 6H04M 11/06 6H04M 3/54 6H04L 12/56 6H04L 12/66**  
[25] EN  
[54] **DISTRIBUTED PBX/CENTREX AND POTS SERVICE OVER ATM/XDSL**  
[54] **SERVICE PBX/CENTREX ET SERVICE TELEPHONIQUE TRADITIONNEL REPARTIS DANS UN RESEAU MTA/XDSL**  
[72] HUI, MAN HIM, CA  
[72] GETCHELL, WAYNE, CA  
[72] WINGROVE, MICHAEL J., CA  
[72] DOCZY, DANIEL J., US  
[72] KNEE, GARY, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-07-06  
[43] 2000-01-07  
[30] US (09/110,463) 1998-07-07

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[21] **2,276,815**  
[13] A1

[51] **Int.Cl. 6H03K 5/13 6H04L 7/033**  
[25] EN  
[54] **CLOCK GENERATOR AND SYNCHRONIZING METHOD**  
[54] **GENERATEUR D'HORLOGE ET METHODE DE SYNCHRONISATION**  
[72] WOLF, MICHAEL, DE  
[71] ALCATEL, FR  
[22] 1999-07-05  
[43] 2000-01-07  
[30] DE (198 30 260.6) 1998-07-07

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[21] **2,276,816**  
[13] A1

[51] **Int.Cl. 6C12N 1/20 6C12P 25/00  
6C12P 19/28**

[25] EN

[54] **METHOD FOR PRODUCING  
METABOLITES BIOLOGICALLY  
SYNTHESIZED VIA  
PHOSPHORIBOSYL  
PYROPHOSPHATE**

[54] **MODE D'OBTENTION DE  
METABOLITES A SYNTHESE  
BIOLOGIQUE PAR L'EMPLOI DU  
PYROPHOSPHATE**

**PHOSPHORIBOSYLE**

[72] NAKANO, TETSUO, JP

[72] IKEDA, MASATO, JP

[72] OKAMOTO, KAZUYUKI, JP

[72] KAMADA, NOZOMU, JP

[71] KYOWA HAKKO KOGYO CO., LTD.,  
JP

[22] 1999-06-30

[43] 2000-01-03

[30] JP (10-187992) 1998-07-03

[21] **2,276,817**  
[13] A1

[51] **Int.Cl. 6D21F 7/08**

[25] EN

[54] **PAPER MANUFACTURING  
MACHINE AND METHOD WITH A  
MEANS FOR ELIMINATING EDGE  
TRIMMINGS, AND MESH FOR THE  
MACHINE**

[54] **MACHINE DE FABRICATION DU  
PAPIER ET METHODE COMPRENANT  
MOYEN DE ROGNAGE, ET MATIERE  
MAILLEE POUR UTILISATION DANS  
LA MACHINE**

[72] ALESSANDRINI, AURELIO, IT

[71] INDUSTRIE CARTARIE

TRONCHETTI S.P.A., IT

[22] 1999-06-30

[43] 2000-01-03

[30] IT (MI98A001533) 1998-07-03

[21] **2,276,820**  
[13] A1

[51] **Int.Cl. 6B60J 1/00 6E06B 5/00**

[25] EN

[54] **EMERGENCY EXIT WINDOW OF  
A VEHICLE WITH A WINDOW PANE  
[54] FENETRE ISSUE DE SECOURS A  
GLACE, POUR VEHICULE**

[72] MOSANER, OLAF, DE

[71] HUBNER GUMMI- UND

KUNSTSTOFF GMBH, DE

[22] 1999-06-30

[43] 2000-01-03

[30] DE ( DE 198 29 737.8) 1998-07-03

[21] **2,276,825**  
[13] A1

[51] **Int.Cl. 6G04F 10/00 6G08B 5/36**

[25] EN

[54] **TIMER**

[54] **CHRONOMETRE**

[72] BAY, RONALD W., CA

[71] BAY, RONALD W., CA

[22] 1999-07-05

[43] 2000-01-06

[30] US (60/091,748) 1998-07-06

[21] **2,276,834**  
[13] A1

[51] **Int.Cl. 6H01P 5/00**

[25] EN

[54] **DIRECTIONAL COUPLER,  
ANTENNA DEVICE, AND  
TRANSCEIVER**

[54] **COUPLEUR DIRECTIF,  
DISPOSITIF D'ANTENNE ET  
EMETTEUR-RECEPTEUR**

[72] NISHIYAMA, TAIYO, JP

[72] KONDOU, NOBUHIRO, JP

[72] NISHIDA, HIROSHI, JP

[72] SAITOH, ATSUSHI, JP

[72] TAKAKUWA, IKUO, JP

[72] KITAMORI, NOBUMASA, JP

[72] TANIZAKI, TORU, JP

[71] MURATA MANUFACTURING CO.,  
LTD., JP

[22] 1999-07-05

[43] 2000-01-03

[30] JP (10-189508) 1998-07-03

[30] JP (10-373808) 1998-12-28

[21] **2,276,841**  
[13] A1

[51] **Int.Cl. 6E21B 10/46**

[25] EN

[54] **UNPLANAR NON-  
AXISYMMETRIC INSERTS**

[54] **INSERTIONS NON PLANAIRES ET  
NON AXISYMETRIQUES**

[72] SOUTHLAND, STEPHEN G., US

[71] SMITH INTERNATIONAL, INC., US

[22] 1999-07-05

[43] 2000-01-07

[30] US (60/091,965) 1998-07-07

[21] **2,276,842**  
[13] A1

[51] **Int.Cl. 6H04Q 7/36**

[25] EN

[54] **A METHOD OF SUBSCRIBER  
DATA CONTROL IN A MOBILE  
COMMUNICATION NETWORK**

[54] **METHODE DE CONTROLE DES  
DONNEES SUR LES ABONNES DANS  
UN RESEAU DE**

**TELECOMMUNICATION MOBILE**

[72] SHIMBORI, TAKATERU, JP

[71] NEC CORPORATION, JP

[22] 1999-06-30

[43] 2000-01-02

[30] JP (187776/1998) 1998-07-02

[30] JP (56194/1999) 1999-03-03

[30] JP (123171/1999) 1999-04-28

[21] **2,276,843**  
[13] A1

[51] **Int.Cl. 6H01F 27/32 6H01F 5/02**

[25] EN

[54] **INDUCTANCE ELEMENT**

[54] **ELEMENT D'INDUCTANCE**

[72] KOEPL, RICHARD, DE

[72] BAHR, CRISTIAN, DE

[72] CIERPINSKI, JERZY, DE

[72] TWARDZIK, RENE, DE

[72] ECKHARD, THOMAS, DE

[72] GRABNER, MARTIN, DE

[72] BUSSE, OLAF, DE

[72] ORBEN, BERNHARD, DE

[71] PATENT-TREUHAND-  
GESELLSCHAFT FUR ELEKTRISCHE

GLUEHLAMPEN MBH, DE

[22] 1999-06-30

[43] 2000-01-02

[30] DE (198 29 505.7) 1998-07-02

[21] **2,276,845**  
[13] A1

[51] **Int.Cl. 6H04M 3/42**

[25] EN

[54] **A METHOD OF INITIATING A  
CALL FEATURE REQUEST**

[54] **METHODE POUR PROCEDER A  
UNE DEMANDE D'OPTION D'APPEL  
PENDANT UNE COMMUNICATION**

[72] GLOSSBRENNER, KENNETH C., US

[71] AT&T CORP., US

[22] 1999-06-30

[43] 2000-01-07

[30] US (09/111,302) 1998-07-07

**Demandes canadiennes mises à la disponibilité du public**  
**2 janvier 2000 - 8 janvier 2000**

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| <p align="right">[21] <b>2,276,850</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H03M 1/06 6H03M 1/66</b><br/>[25] FR<br/>[54] <b>SYNTHETISEUR NUMERIQUE DE SIGNAUX</b><br/>[54] <b>DIGITAL SIGNAL SYNTHESIZER</b><br/>[72] GABET, PASCAL, FR<br/>[72] DE GOUY, JEAN-LUC, FR<br/>[71] THOMSON-CSF, FR<br/>[22] 1999-06-29<br/>[43] 2000-01-03<br/>[30] FR (98 08553) 1998-07-03</p>  | <p align="right">[21] <b>2,276,858</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A62B 35/00 6F16G 11/04</b><br/>[25] FR<br/>[54] <b>APPAREIL ANTI-CHUTE SUR CABLE VERTICAL</b><br/>[54] <b>FALL-PREVENTIVE DEVICE ON A VERTICAL CABLE</b><br/>[72] PELOFI, PIERRE-GEORGES, FR<br/>[71] DALLOZ FALL PROTECTION, FR<br/>[22] 1999-06-30<br/>[43] 2000-01-03<br/>[30] FR (98 08 548) 1998-07-03</p>  | <p align="right">[21] <b>2,276,879</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H01Q 21/06 6G01S 5/02 6H04B 1/38</b><br/>[25] EN<br/>[54] <b>ANTENNA DEVICE, AND TRANSMITTING/RECEIVING UNIT</b><br/>[54] <b>DISPOSITIF D'ANTENNE ET UNITE DE TRANSMISSION/RECEPTION</b><br/>[72] TAGUCHI, YOSHINORI, JP<br/>[72] TANIZAKI, TORU, JP<br/>[71] MURATA MANUFACTURING CO., LTD., JP<br/>[22] 1999-07-02<br/>[43] 2000-01-03<br/>[30] JP (10-189507) 1998-07-03</p>  |
| <p align="right">[21] <b>2,276,851</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6E21B 7/08</b><br/>[25] FR<br/>[54] <b>DISPOSITIF ET METHODE DE CONTROLE DE LA TRAJECTOIRE D'UN FORAGE</b><br/>[54] <b>DEVICE AND METHOD TO CONTROL THE PATH OF A DRILL HOLE</b><br/>[72] AMAUDRIC du CHAFFAUT, BENOIT, FR<br/>[71] INSTITUT FRANCAIS DU PETROLE, FR<br/>[22] 1999-06-29<br/>[43] 2000-01-03<br/>[30] FR (98/08.589) 1998-07-03</p>                          | <p align="right">[21] <b>2,276,860</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6A45D 40/00</b><br/>[25] FR<br/>[54] <b>APPLICATEUR POUR PRODUIT DELITESCENT, ENSEMBLE COMPORTANT UN TEL APPLICATEUR ET PROCEDE</b><br/>[54] <b>APPLICATOR FOR DELITESCENT PRODUCT, KIT CONTAINING THE APPLICATOR, AND PROCESS THEREOF</b><br/>[72] GUERET, JEAN-LOUIS, FR<br/>[71] L'ORÉAL, FR<br/>[22] 1999-06-30<br/>[43] 2000-01-03<br/>[30] FR (98 08 543) 1998-07-03</p>  | <p align="right">[21] <b>2,276,885</b><br/>[13]</p> <p>[51] <b>Int.Cl. 6H01L 23/34</b><br/>[25] EN<br/>[54] <b>MOLDING FOR HOLDING HEAT SINKS IN A CLAMPED STACK</b><br/>[54] <b>MOULAGE POUR FIXER PLUSIEURS DISSIPATEURS DE CHALEUR DANS UNE FORMATION EMPILEE</b><br/>[72] HILDBRAND, URS, CH<br/>[72] KELLER, THOMAS, CH<br/>[72] STEMMLER, CHRISTOPH, CH<br/>[71] ASEA BROWN BOVERI AG, CH<br/>[22] 1999-07-02<br/>[43] 2000-01-08<br/>[30] DE (198 30 424.2) 1998-07-08</p>   |
| <p align="right">[21] <b>2,276,852</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B61F 5/52</b><br/>[25] FR<br/>[54] <b>BOGIE EN MATERIAU COMPOSITE POUR VEHICULE FERROVIAIRE ET PROCEDE DE FABRICATION D'UN TEL BOGIE</b><br/>[54] <b>COMPOSITE MATERIAL TRUCK FOR RAILWAY VEHICLE AND ITS MANUFACTURING PROCESS</b><br/>[72] LANDROT, ALAIN, FR<br/>[71] ALSTOM FRANCE SA, FR<br/>[22] 1999-06-29<br/>[43] 2000-01-06<br/>[30] FR (98 08621) 1998-07-06</p> | <p align="right">[21] <b>2,276,873</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6B05C 1/08 6B05C 17/02</b><br/>[25] EN<br/>[54] <b>OIL COATING APPARATUS</b><br/>[54] <b>APPAREIL DE REVETEMENT PAR L'HUILE</b><br/>[72] KIMURA, KOHICHI, JP<br/>[72] MOTOYOSHI, YOSHIYUKI, JP<br/>[72] ABE, ISAMI, JP<br/>[72] HORIUCHI, OSAMU, JP<br/>[72] FURUYA, HIROMI, JP<br/>[72] FUKASE, MUNEHICO, JP<br/>[72] TAKAGI, TATSUO, JP<br/>[72] KISHIDA, TOSHIYUKI, JP<br/>[72] NAKAMA, SHIGERU, JP<br/>[71] NICHIAS CORPORATION, JP<br/>[71] ZENITH CORPORATION, JP<br/>[22] 1999-07-02<br/>[43] 2000-01-03<br/>[30] JP (HEI. 10-202868) 1998-07-03<br/>[30] JP (HEI. 11-45900) 1999-02-24<br/>[30] JP (HEI. 11-97942) 1999-03-02</p> | <p align="right">[21] <b>2,276,886</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/12 6H04L 12/16</b><br/>[25] EN<br/>[54] <b>A METHOD TO PROVIDE A SERVICE, A SERVICE PROVIDER REALIZING SUCH A METHOD AND A UNIVERSAL PERSONAL TELECOMMUNICATION NETWORK INCLUDING SUCH A SERVICE PROVIDER</b><br/>[54] <b>METHODE DE PRESTATION D'UN SERVICE, FOURNISSEUR DU SERVICE OPERANT SELON CETTE METHODE, ET RESEAU UNIVERSEL DE TELECOMMUNICATIONS PERSONNELLES INTEGRANT UN TEL FOURNISSEUR DE SERVICE</b><br/>[72] PETERS, MARCO JOHANNES HUBERTUS, NL<br/>[71] ALCATEL, FR<br/>[22] 1999-07-02<br/>[43] 2000-01-03<br/>[30] EP (98401676.6) 1998-07-03</p> |

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[21] **2,276,887**  
[13] A1  
[51] **Int.Cl. 6B23Q 3/00**  
[25] EN  
[54] **JIG ASSEMBLY**  
[54] **ASSEMBLAGE DE GABARIT**  
[72] JOHNSON, SCOTT ANDREW, AU  
[72] HEDLEY, ROBERT IAN, AU  
[71] JUSTOY PTY LTD., AU  
[22] 1999-07-02  
[43] 2000-01-03  
[30] AU (PP4497/98) 1998-07-03

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[21] **2,276,889**  
[13] A1  
[51] **Int.Cl. 6F23N 1/00 6F24C 3/12 6F23N 5/18**  
[25] EN  
[54] **MICROPROCESSOR-CONTROLLED GAS APPLIANCE UTILIZING A SINGLE ELECTRODE SPARK IGNITION SYSTEM AND A PULSE WIDTH MODULATED PROPORTIONAL VALVE**  
[54] **APPAREIL D'UTILISATION DU GAZ COMMANDE PAR MICROPROCESSEUR SE SERVANT D'UN SYSTEME MONOELECTRODE D'ALLUMAGE PAR ETINCELLE ET UNE SOUPAPE PROPORTIONNELLE A MODULATION D'IMPULSIONS EN DUREE**  
[72] CLIFFORD, TODD W., US  
[72] MILLS, MICHAEL T., US  
[72] BENZ, JEFFREY A., US  
[71] CLIFFORD, TODD W., US  
[71] MILLS, MICHAEL T., US  
[71] BENZ, JEFFREY A., US  
[22] 1999-07-02  
[43] 2000-01-02  
[30] US (09/109,797) 1998-07-02

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[21] **2,276,895**  
[13] A1  
[51] **Int.Cl. 6C08G 18/76**  
[25] EN  
[54] **THERMOPLASTIC POLYURETHANES, POLYURETHANE ELASTIC FIBERS THEREFROM, AND METHOD FOR PRODUCING THE FIBERS**  
[54] **MODE D'OBTENTION DE FIBRES ELASTIQUES A PARTIR DE POLYURETHANES THERMOPLASTIQUES ET CES POLYURETHANES THERMOPLASTIQUES**  
[72] ONO, HIROYUKI, JP  
[72] YAMANA, YOSHIHIRO, JP  
[71] KURARAY CO., LTD., JP  
[22] 1999-07-05  
[43] 2000-01-06  
[30] JP (190228/1998) 1998-07-06

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[21] **2,276,896**  
[13] A1  
[51] **Int.Cl. 6A47F 7/04**  
[25] EN  
[54] **SUPPORTIVE PIN RACK FOR GREEN TIRE STORAGE**  
[54] **SUPPORT DE RANGEMENT A PIVOT POUR PNEU CRU**  
[72] MANI, NEEL K., US  
[71] BRIDGESTONE/FIRESTONE, INC., US  
[22] 1999-07-05  
[43] 2000-01-06  
[30] US (09/110,525) 1998-07-06

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[21] **2,276,897**  
[13] A1  
[51] **Int.Cl. 6G01B 5/008 6B25J 13/00**  
[25] EN  
[54] **SERIAL NETWORK FOR COORDINATE MEASUREMENT APPARATUS**  
[54] **APPAREIL DE RESEAU EN SERIE POUR MESURER LES COORDONNEES**  
[72] RAAB, SIMON, US  
[72] PARGUIAN, JOSELITO, US  
[72] SAJEDI, ALI SEYED, US  
[71] FARO TECHNOLOGIES INC., US  
[22] 1999-07-05  
[43] 2000-01-08  
[30] US (09/111,644) 1998-07-08

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[21] **2,276,899**  
[13] A1  
[51] **Int.Cl. 6C07C 55/14 6C25B 3/02 6C07C 63/15 6C08G 63/16 6C08G 69/28 6C07C 51/48 6C08G 63/78**  
[25] EN  
[54] **METHODS OF TREATING THE OXIDATION MIXTURE OF HYDROCARBONS TO RESPECTIVE DIBASIC ACIDS**  
[54] **METHODES DE TRAITEMENT DU MELANGE D'HYDROCARBURES VERS SES DIACIDES RESPECTIFS**  
[72] VASSILIOU, EUSTATHIOS, US  
[72] DASSEL, MARK W., US  
[71] TWENTY-FIRST CENTURY RESEARCH CORPORATION, US  
[22] 1999-07-05  
[43] 2000-01-06  
[30] US (60/091,796) 1998-07-06

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[21] **2,276,901**  
[13] A1  
[51] **Int.Cl. 6C07C 69/63 6C07B 57/00 6C07C 19/00 6C07D 307/04 6C07D 303/08 6C07D 305/12 6C07C 49/16 6C07D 301/32 6C07D 307/33 6C07C 17/38 6C07C 49/457 6C07C 67/48 6C07C 45/90**  
[25] EN  
[54] **A METHOD FOR RESOLVING OPTICAL ISOMERS**  
[54] **METHODE DE RESOLUTION D'ISOMERES OPTIQUES**  
[72] KANAI, TAKASHI, JP  
[72] OKAMOTO, ATSUSHI, JP  
[72] SHIBAYAMA, KATSUHIRO, JP  
[72] KITAGAWA, TETSUJI, JP  
[72] YAMAKAWA, SHINOBU, JP  
[72] AOKI, TOMOYUKI, JP  
[71] TORAY INDUSTRIES, INC., JP  
[22] 1999-07-05  
[43] 2000-01-06  
[30] JP (190593/98) 1998-07-06  
[30] JP (267601/98) 1998-09-22  
[30] JP (28193/99) 1999-02-05

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[21] **2,276,902**  
[13] A1

[51] **Int.Cl. 6C07C 233/18 6C12P 13/02 6A61K 7/06 6C07C 235/08 6C07C 233/20 6A61K 31/23 6A61K 7/40 6A61K 7/48**  
[25] FR  
[54] **COMPOSITIONS COSMETIQUES, NOUVEAUX ANALOGUES DE CERAMIDES A ACTIVITE ANTI-ELASTASE, PROCEDE DE PREPARATION ET UTILISATIONS**  
[54] **COSMETIC COMPOSITIONS, NEW ANTI-ELASTASE CERAMIDE ANALOGS, PREPARATION PROCESS AND USES**  
[72] FRAISSE, LAURENT, FR  
[72] LAGRANGE, SOPHIE, FR  
[71] ELF ATOCHEM S.A., FR  
[22] 1999-06-30  
[43] 2000-01-03  
[30] FR (98 08 563) 1998-07-03

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[21] **2,276,903**  
[13] A1

[51] **Int.Cl. 6B60C 11/12**  
[25] FR  
[54] **BANDE DE ROULEMENT DE PNEUMATIQUE COMPORTANT DES INCISIONS DELIMITANT DES PLOTS DE GOMME**  
[54] **TIRE TREAD WITH INCISIONS WHICH DETERMINE THE RUBBER'S CONTACT POINTS**  
[72] MERINO LOPEZ, JOSÉ, FR  
[72] GARNIER DE LABAREYRE, BERTRAND, FR  
[72] AUXERRE, PASCAL, FR  
[71] MICHELIN RECHERCHE ET TECHNIQUE, CH  
[22] 1999-07-02  
[43] 2000-01-03  
[30] FR (98 08 652) 1998-07-03

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[13] A1

[51] **Int.Cl. 6A61K 7/48 6A61K 7/02 6A61K 7/06**  
[25] FR  
[54] **COMPOSITION COSMETIQUE OU DERMATOLOGIQUE SOUS FORME D'UNE DISPERSION D'UNE PHASE HUILEUSE ET D'UNE PHASE AQUEUSE, STABILISEE A L'AIDE DE PARTICULES DE GEL CUBIQUE**  
[54] **COSMETIC OR DERMATOLOGICAL COMPOSITION IN THE FORM OF AN OIL PHASE AND A WATER-PHASE DISPERSION, STABILIZED USING CUBIC GEL PARTICLES**  
[72] BIATRY, BRUNO, FR  
[71] L'ORÉAL, FR  
[22] 1999-07-02  
[43] 2000-01-03  
[30] FR (98 08 559) 1998-07-03

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[21] **2,276,905**  
[13] A1

[51] **Int.Cl. 6H04B 10/18 6H04J 14/02**  
[25] FR  
[54] **AMPLIFICATION QUASI-DISTRIBUEE DANS UN SYSTEME DE TRANSMISSION A FIBRE OPTIQUE A SIGNAUX SOLITONS**  
[54] **NEAR-DISTRIBUTED AMPLIFICATION IN A SOLITARY-SIGNAL FIBRE OPTIC TRANSMISSION SYSTEM**  
[72] DESURVIRE, EMMANUEL, FR  
[71] ALCATEL, FR  
[22] 1999-07-05  
[43] 2000-01-06  
[30] FR (98 08 625) 1998-07-06

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[21] **2,276,906**  
[13] A1

[51] **Int.Cl. 6C11D 1/72 6C11D 3/20 6C11D 3/36**  
[25] FR  
[54] **COMPOSITIONS DETERGENTES NON MOUSSANTES POUR MILIEUX ALCALINS CONCENTRES**  
[54] **NON-FOAMING DETERGENT COMPOSITIONS FOR CONCENTRATED ALKALINE CONDITIONS**  
[72] MOURRUT, BERNARD, FR  
[72] GENTILHOMME, PHILIPPE, FR  
[71] CECA S.A., FR  
[22] 1999-07-05  
[43] 2000-01-06  
[30] FR (98 08 608) 1998-07-06

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[21] **2,276,910**  
[13] A1

[51] **Int.Cl. 6A61K 7/02 6A61K 7/06 6A61K 7/42 6A61K 7/48**  
[25] FR  
[54] **NOUVELLES COMPOSITIONS COSMETIQUES COMPRENANT UN POLYMERE FILMOGENE**  
[54] **NOVEL COSMETIC COMPOSITIONS COMPRISING A FILM-FORMING POLYMER**  
[72] TOURNILHAC, FLORENCE, FR  
[72] LEMANN, PATRICIA, FR  
[71] L'ORÉAL, FR  
[22] 1999-07-06  
[43] 2000-01-07  
[30] FR (98 08 687) 1998-07-07

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[21] **2,276,913**  
[13] A1

[51] **Int.Cl. 6H05B 41/26 6H05B 41/30**  
[25] EN  
[54] **ELECTRONIC BALLAST WITH INRUSH CURRENT LIMITING**  
[54] **REGULATEUR ELECTRONIQUE A APPEL DE COURANT LIMITE**  
[72] TWARDZIK, RENE, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 1999-07-06  
[43] 2000-01-07  
[30] DE (198 30 368.8) 1998-07-07

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[21] **2,276,922**  
[13] A1

[51] **Int.Cl. 6C25C 1/18 6C25C 7/06 6C25C 1/12**  
[25] EN  
[54] **PROCESS FOR THE TREATMENT OF FLUOBORIC ELECTROLYTE SLUDGES**  
[54] **PROCEDE POUR LE TRAITEMENT DES BOUES D'ELECTROLYTES FLUOBORIQUES**  
[72] ZOPPI, GIANNI, CH  
[71] ECOCHEM AKTIENGESELLSCHAFT, LI  
[22] 1999-07-06  
[43] 2000-01-07  
[30] CH (1998 1445/98) 1998-07-07

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[21] **2,276,925**  
[13] A1  
[51] Int.Cl. 6B66C 23/64 6B66C 23/687  
[25] EN  
[54] COMPOSITE MATERIAL JIB  
[54] FLECHE EN MATERIAU  
COMPOSITE  
[72] PASCHKE, FRANZ, DE  
[72] VOHDIN, KURT, DE  
[71] GROVE U.S. L.L.C., US  
[22] 1999-07-02  
[43] 2000-01-03  
[30] DE (198 298 29.3) 1998-07-03

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[21] **2,276,927**  
[13] A1  
[51] Int.Cl. 6B67D 5/14 6B65B 1/04 6B65B  
3/04 6G06K 9/18 6A47J 31/44  
[25] EN  
[54] DISPENSER AS WELL AS  
ASSOCIATED CONTAINERS  
[54] DISTRIBUTEUR ET CONTENANTS  
CONNEXES  
[72] FRICKER, ROBERT, CH  
[71] THERMOPLAN AG, CH  
[22] 1999-06-30  
[43] 2000-01-07  
[30] CH (1998 1441/98) 1998-07-07

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[21] **2,276,929**  
[13] A1  
[51] Int.Cl. 6B01J 23/46 6B01D 53/56  
[25] EN  
[54] CATALYST FOR REDUCING  
NITROGEN OXIDES IN OXIDISING  
AND REDUCING ATMOSPHERES  
[54] CATALYSEUR POUR REDUIRE  
LES OXYDES D'AZOTE DANS DES  
ATMOSPHERES OXYDANTE ET  
REDUCTRICE  
[72] PLOG, CARSTEN, DE  
[72] KREUZER, THOMAS, DE  
[72] LOX, EGBERT, DE  
[72] STREHLAU, WOLFGANG, DE  
[72] LEYRER, JURGEN, DE  
[72] VAN DEN TILLAART, HANS, DE  
[72] MARKERT, NORBERT, DE  
[72] ANDORF, RENATO, DE  
[72] STENGEL, THOMAS, DE  
[71] DEGUSSA-HULS  
AKTIENGESELLSCHAFT, DE  
[22] 1999-07-02  
[43] 2000-01-04  
[30] DE (198 29 976.1) 1998-07-04

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[21] **2,276,930**  
[13]  
[51] Int.Cl. 6C07C 22/08 6C07C 205/11  
6C07C 201/12 6C07C 25/13 6C07C 17/18  
[25] EN  
[54] PREPARATION OF 1,4-BIS-  
(DIFLUOROMETHYL)BENZENE  
[54] PREPARATION DE 1,4-BIS-  
(DIFLUOROMETHYLE)BENZENE  
[72] LAL, GAURI SANKAR, US  
[72] CASTEEL, WILLIAM JACK JR., US  
[72] PESARESI, RENO JOSEPH JR., US  
[71] AIR PRODUCTS AND CHEMICALS,  
INC., US  
[22] 1999-07-02  
[43] 2000-01-08  
[30] US (09/111,674) 1998-07-08

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[21] **2,276,933**  
[13] A1  
[51] Int.Cl. 6B62D 43/06  
[25] EN  
[54] TIRE FIXING DEVICE  
[54] DISPOSITIF DE REPARATION  
D'UN PNEU  
[72] SATO, YOSHIHIKO, JP  
[72] SHIBATA, YASUYUKI, JP  
[72] MARUYAMA, KAZUHIKO, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 1999-07-02  
[43] 2000-01-02  
[30] JP (HEI. 10-187906) 1998-07-02

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[21] **2,276,938**  
[13] A1  
[51] Int.Cl. 6G02C 5/04 6G02C 7/06  
[25] EN  
[54] INTEGRAL VERTICAL PLANE  
ADJUSTING MECHANISM FOR AN  
EYEGGLASS FRAME WITH  
MULTIFOCAL LENSES  
[54] MECANISME DE REGLAGE AU  
PLAN VERTICAL INTEGRE, POUR  
CADRE DE LUNETTES A VERRES  
PROGRESSIFS  
[72] NEGISHI, TOHRU, JP  
[71] NEGISHI, TOHRU, JP  
[22] 1999-07-05  
[43] 2000-01-06  
[30] JP (225098/1998) 1998-07-06  
[30] JP (285823/1998) 1998-09-02  
[30] JP (375357/1998) 1998-11-26

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[21] **2,276,956**  
[13] A1  
[51] Int.Cl. 6A61F 5/441  
[25] EN  
[54] IMPROVEMENTS RELATING TO  
POUCHES FOR COLLECTING  
MATTER EXCRETED BY THE BODY  
[54] AMELIORATIONS RELIEES AUX  
POCHES POUR LA COLLECTE DES  
SECRETIONS CORPORELLES  
[72] STEER, GRAHAM E., GB  
[72] GENT, JOHN A., GB  
[71] BRISTOL-MYERS SQUIBB  
COMPANY, US  
[22] 1999-07-07  
[43] 2000-01-07  
[30] GB (9814723.4) 1998-07-07

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[21] **2,276,957**  
[13] A1  
[51] Int.Cl. 6A47B 88/04  
[25] EN  
[54] DRAWER SLIDE AND DRAWER  
INCORPORATING QUICK-RELEASE  
CONNECTION  
[54] GLISSIERE POUR TIROIR ET  
TIROIR EMPLOYANT UN DISPOSITIF  
DE DECONNEXION RAPIDE  
[72] BAYLES, PETER, GB  
[72] WHITTLESEA, JOHN HENRY, GB  
[71] ACCURIDE INTERNATIONAL  
LIMITED, GB  
[22] 1999-07-06  
[43] 2000-01-07  
[30] GB (9814730.9) 1998-07-07

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[21] **2,276,961**  
[13] A1  
[51] Int.Cl. 6B65G 23/22 6B07C 1/02  
6B65G 23/24 6B65G 23/38  
[25] EN  
[54] DRIVE SYSTEM FOR A MAIL  
PROCESSING MACHINE  
[54] SYSTEME D'ENTRAINEMENT  
POUR MACHINE DE TRAITEMENT DU  
COURRIER  
[72] BRAUNEIS, AXEL, DE  
[72] STING, MARTIN, DE  
[71] BELL & HOWELL GMBH, DE  
[22] 1999-07-07  
[43] 2000-01-07  
[30] DE (198 30 337.8) 1998-07-07

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[21] **2,276,963**  
[13] A1

[51] **Int.Cl. 6A61N 1/00**  
[25] EN  
[54] **TREATMENT OF PAIN AND OF THE NERVOUS SYSTEM**  
[54] **TRAITEMENT DE LA DOULEUR ET DU SYSTEME NERVEUX**  
[72] RHODES, DONALD A., US  
[71] RHODES, DONALD A., US  
[22] 1999-07-06  
[43] 2000-01-07  
[30] US (111,222) 1998-07-07

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[21] **2,276,965**  
[13] A1

[51] **Int.Cl. 6B29D 30/62 6B29C 47/12**  
[25] EN  
[54] **METHOD AND DEVICE FOR AFFECTING FLOW BEHAVIOR**  
[54] **METHODE ET DISPOSITIF POUR INFLUER SUR LE COMPORTEMENT DE FLUX**  
[72] FISCHER, FLORIAN W., DE  
[71] A-Z FORMEN - UND MASCHINENBAU GMBH, DE  
[22] 1999-07-05  
[43] 2000-01-06  
[30] DE (P 198 30 296.7) 1998-07-06

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[21] **2,276,968**  
[13] A1

[51] **Int.Cl. 6F16H 55/36 6F16C 33/58**  
[25] EN  
[54] **A BEARING UNIT FOR A PLASTIC PULLEY**  
[54] **UNITE DE ROULEMENT POUR POULIE EN PLASTIQUE**  
[72] PAIRONE, GIANFRANCO, IT  
[72] SIROLI, GERARDO, IT  
[71] SKF INDUSTRIE S.P.A., IT  
[22] 1999-07-07  
[43] 2000-01-07  
[30] IT (TO98A000594) 1998-07-07

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[21] **2,276,970**  
[13] A1

[51] **Int.Cl. 6B60R 9/06**  
[25] EN  
[54] **EXTERNAL EQUIPMENT CARRIER WITH CARGO BOX FOR VEHICLE**  
[54] **TRANSPORTEUR EXTERNE POUR VEHICULE, DOTE D'UN COMPARTIMENT DE CARGAISON**  
[72] DOLLESIN, EMIL, US  
[71] DOLLESIN, GENEDINE BERNAL, US  
[71] DOLLESIN, EMIL, US  
[22] 1999-07-06  
[43] 2000-01-07  
[30] US (09/111,239) 1998-07-07  
[30] US (60/123,509) 1999-03-08  
[30] US (60/129,815) 1999-04-16  
[30] US (09/328,542) 1999-06-09

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[21] **2,276,976**  
[13] A1

[51] **Int.Cl. 6A01G 3/06 6A01D 34/84**  
[25] EN  
[54] **GRASS-CUTTING HEAD WITH RELOADING OF THE LINE WITHOUT REMOVAL OF THE SPOOL**  
[54] **TETE DE TONTE DE GAZON AVEC REMPLACEMENT DE FIL SANS RETRAIT DE LA BOBINE**  
[72] ARNETOLI, FABRIZIO, IT  
[71] ARNETOLI MOTOR DI ARNETOLI FABRIZIO, IT  
[22] 1999-07-06  
[43] 2000-01-07  
[30] IT (FI98A000163) 1998-07-07

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[21] **2,276,978**  
[13] A1

[51] **Int.Cl. 6B65G 47/08 6B27B 31/00 6B65G 47/32**  
[25] EN  
[54] **APPARATUS FOR SEQUENTIALLY FORWARDING BODIES, E.G. LUMBER BOARDS AND THE LIKE, TO A CONVEYOR**  
[54] **APPAREIL POUR L'AVANCE EN SEQUENCE D'OBJETS (EX. : DES PLANCHES) VERS UN CONVOYEUR**  
[72] DÉRY, DANIEL, CA  
[71] COMACT INC., CA  
[22] 1999-07-06  
[43] 2000-01-06  
[30] US (60/091,746) 1998-07-06

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[21] **2,276,979**  
[13] A1

[51] **Int.Cl. 6H01P 5/04 6G01S 13/72**  
[25] EN  
[54] **DIRECTIONAL COUPLER, ANTENNA DEVICE, AND TRANSMITTING-RECEIVING DEVICE**  
[54] **COUPLEUR DIRECTIF, DISPOSITIF D'ANTENNE, ET APPAREIL EMETTEUR-RECEPTEUR**  
[72] TAKAKUWA, IKUO, JP  
[72] NAGAI, TOMOHIRO, JP  
[72] TANIZAKI, TORU, JP  
[72] HIGASHI, KAZUTAKA, JP  
[71] MURATA MANUFACTURING CO., LTD., JP  
[22] 1999-07-06  
[43] 2000-01-07  
[30] JP (10-191692) 1998-07-07  
[30] JP (11-160100) 1999-07-07

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[21] **2,276,980**  
[13] A1

[51] **Int.Cl. 6H01Q 21/29 6H01Q 15/02**  
[25] EN  
[54] **ANTENNA DEVICE, AND TRANSMITTING/RECEIVING APPARATUS**  
[54] **DISPOSITIF D'ANTENNE ET APPAREIL DE TRANSMISSION/RECEPTION**  
[72] TANIZAKI, TORU, JP  
[72] KONDOU, NOBUHIRO, JP  
[72] NISHIYAMA, TAIYO, JP  
[71] MURATA MANUFACTURING CO., LTD., JP  
[22] 1999-07-06  
[43] 2000-01-06  
[30] JP (10-190669) 1998-07-06

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[21] **2,277,000**  
[13] A1

[51] **Int.Cl. 6G01N 23/02 6D21F 7/06 6G01N 23/16 6G01N 33/34**  
[25] EN  
[54] **A NUCLEAR GAUGE FOR MEASURING A CHARACTERISTIC OF MOVING SHEET MATERIAL AND ALIGNMENT COMPENSATION**  
[54] **JAUGE NUCLEAIRE POUR MESURER UNE CARACTERISTIQUE DU MATERIEL MOBILE EN FEUILLE ET COMPENSATION D'ALIGNEMENT**  
[72] TYPPO, PEKKA, US  
[71] IMPACT SYSTEMS, INC., US  
[22] 1999-07-06  
[43] 2000-01-07  
[30] US (09/111,046) 1998-07-07

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[21] **2,277,005**  
[13]

[51] **Int.Cl. 6B27L 1/08 6B27L 1/10**  
[25] EN  
[54] **PROCESSING MEANS FOR BARKING MACHINES**  
[54] **MOYEN DE TRAITEMENT POUR DECORCEUSE**  
[72] HOFFMAN, FRANK, SE  
[71] IGGESUND TOOLS AB, SE  
[22] 1999-07-06  
[43] 2000-01-08  
[30] SE (9802451-6) 1998-07-08

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[21] **2,277,190**  
[13] A1

[51] **Int.Cl. 6E01H 4/02**  
[25] EN  
[54] **PORTABLE ICE RESURFACING DEVICE**  
[54] **RESURFACEUSE DE GLACE PORTABLE**  
[72] FOX, LOUIS H., US  
[72] FOX, PAUL G., US  
[71] FOX, LOUIS H., US  
[71] FOX, PAUL G., US  
[22] 1999-07-07  
[43] 2000-01-07  
[30] US (09/111,616) 1998-07-07

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[21] **2,277,241**  
[13] A1

[51] **Int.Cl. 6F24F 13/10 6F24F 11/053 6F24F 13/062**  
[25] EN  
[54] **SELF-MODULATING DIFFUSER FOR AIR CONDITIONING SYSTEMS**  
[54] **DIFFUSEUR AVEC UN AUTO-MODULATEUR POUR SYSTEME D'AIR CLIMATISE**  
[72] LAFLAMME, ERIC G., CA  
[72] DYCK, ALFRED T., CA  
[72] LENTON, KENNETH G., CA  
[72] KETTENER, BRUCE N., CA  
[72] FRALEY, CHARLES D., US  
[72] SMITH, GRANT L., US  
[72] BOBLINSKI, JASON V., CA  
[71] E.H. PRICE LTD., CA  
[22] 1999-07-02  
[43] 2000-01-02  
[30] CA (2,242,656) 1998-07-02

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[13]

[51] **Int.Cl. 6B27B 11/00 6B27B 31/00 6B27B 31/06**  
[25] EN  
[54] **OVER/UNDER LINE FEED SYSTEM**  
[54] **SYSTEME D'ALIMENTATION A CONVOYEURS SUPERPOSES**  
[72] LUTZ, DAVID W., US  
[71] LUTZ, DAVID W., US  
[22] 1999-07-08  
[43] 2000-01-08  
[30] US (60/092,084) 1998-07-08

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[21] **2,277,416**  
[13]

[51] **Int.Cl. 6C03B 37/03 6C03B 37/16**  
[25] EN  
[54] **PRODUCING OPTICAL FIBRE**  
[54] **SYSTEME POUR L'OBTENTION DE FIBRES OPTIQUES**  
[72] HADLEY, JOHN ALFRED, GB  
[72] ROGERSON, JOHN WILLIAM, GB  
[72] DAVIES, PAUL ALEXANDER, GB  
[71] PIRELLI GENERAL PLC, GB  
[22] 1999-07-06  
[43] 2000-01-08  
[30] GB (98 14842.2) 1998-07-08

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[21] **2,277,418**  
[13] A1

[51] **Int.Cl. 6H01B 9/02**  
[25] EN  
[54] **HIGH VOLTAGE DIRECT CURRENT ELECTRICAL CABLE WITH MASS-IMPREGNATED INSULATION**  
[54] **CABLE HAUTE TENSION A COURANT CONTINU ET A ISOLATION POST-IMPREGNEE**  
[72] PERUZZOTTI, FRANCO, IT  
[72] LANFRANCONI, GIANMARIO, IT  
[72] BOSISIO, CLAUDIO, IT  
[72] MIRAMONTI, GIANNI, IT  
[71] PIRELLI CAVI E SISTEMI S.P.A., IT  
[22] 1999-07-06  
[43] 2000-01-06  
[30] EP (98 112473.8) 1998-07-06

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[21] **2,277,425**  
[13] A1

[51] **Int.Cl. 6G02B 6/44**  
[25] EN  
[54] **OPTICAL FIBRE SLEEVE**  
[54] **MANCHON DE RETENUE POUR FIBRES OPTIQUES**  
[72] TEITELBAUM, NEIL, CA  
[72] FINAK, JOZEF, CA  
[72] CHENG, YIHAO, CA  
[71] JDS FITEL INC., CA  
[22] 1999-07-06  
[43] 2000-01-07  
[30] US (09/110,389) 1998-07-07

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[21] **2,277,442**  
[13]

[51] **Int.Cl. 6A61N 5/00**  
[25] EN  
[54] **DOSIMETRY ERROR REDUCTION FOR OPTIMIZED STATIC INTENSITY MODULATION**  
[54] **REDUCTION D'ERREURS EN DOSIMETRIE POUR OPTIMISATION DE MODULATION D'INTENSITE STATIQUE**  
[72] SIOCHI, RAMON ALFREDO, US  
[71] SIEMENS MEDICAL SYSTEMS, INC., US  
[22] 1999-07-06  
[43] 2000-01-08  
[30] US (09/112,073) 1998-07-08

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[21] **2,277,450**  
[13]

[51] **Int.Cl. 6B41J 29/367**  
[25] EN  
[54] **TAPE CARTRIDGE FOR COAT FILM TRANSFER TOOL AND COAT FILM TRANSFER TOOL**  
[54] **ELEMENT CASSETTE POUR OUTIL DE TRANSFERT DE PELLICULE DE REVETEMENT ET OUTIL DE TRANSFERT DE PELLICULE DE REVETEMENT**  
[72] KOYAMA, KOUHEI, JP  
[72] SHINTANI, MASATOSHI, JP  
[72] TAMAI, SHIGERU, JP  
[71] SEED RUBBER COMPANY LIMITED, JP  
[22] 1999-07-06  
[43] 2000-01-08  
[30] JP (10-210363) 1998-07-08

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[21] **2,277,453**  
[13]

[51] **Int.Cl. 6B29C 31/04 6F27B 9/16  
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[25] EN  
[54] **MELT TANK ASSEMBLY**  
[54] **ASSEMBLAGE DE CUVE DE  
FONTE**  
[72] NOESTHEDEN, ANDREW, CA  
[72] McTAGGART, MICHAEL DOUGLAS,  
CA  
[71] VALIANT MACHINE & TOOL, INC.,  
CA  
[22] 1999-07-07  
[43] 2000-01-08  
[30] US (09/111,540) 1998-07-08

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[21] **2,277,462**  
[13]

[51] **Int.Cl. 6G06F 9/30**  
[25] EN  
[54] **METHOD FOR THE CONSISTENT  
EXECUTION OF INSTRUCTIONS, AND  
CONTROLLER FOR A NETWORK  
ELEMENT**  
[54] **METHODE POUR L'EXECUTION  
FIDELLE D'INSTRUCTIONS, ET  
COMMANDE D'ELEMENT DE RESEAU**  
[72] BANZHAF, MONIKA, DE  
[72] KOCHER, HARTMUT, DE  
[71] ALCATEL, FR  
[22] 1999-07-07  
[43] 2000-01-08  
[30] DE (198 30 511.7) 1998-07-08

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[21] **2,277,590**  
[13] A1

[51] **Int.Cl. 6C08L 23/18 6C08L 21/00**  
[25] EN  
[54] **RUBBER COMPOSITION FOR  
TIRE TREAD AND PNEUMATIC TIRE**  
[54] **MELANGE CAOUTCHOUTE POUR  
BANDE DE ROULEMENT ET  
PNEUMATIQUE**  
[72] NOHARA, DAISUKE, JP  
[71] BRIDGESTONE CORPORATION, JP  
[22] 1999-06-30  
[43] 2000-01-03  
[30] JP (HEI 10-189120) 1998-07-03

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[21] **2,277,594**  
[13] A1

[51] **Int.Cl. 6C12N 9/88 6C12P 13/00  
6C12P 17/04**  
[25] EN  
[54] **(S)- HYDROXYNITRILE LYASES  
WITH IMPROVED SUBSTRATE  
ACCEPTANCE AND THEIR USE**  
[54] **LYASES D'(S)- HYDROXYNITRILE  
AYANT UNE MEILLEURE  
ACCEPTATION DES SUBSTRATS, ET  
UTILISATION DE CELLES-CI**  
[72] WAGNER, ULRIKE, AT  
[72] LAUBLE, PETER, DE  
[72] FORSTER, SIEGFRIED, DE  
[72] STEINER, ERNST, AT  
[72] SCHWAB, HELMUT, AT  
[72] EFFENBERGER, FRANZ, DE  
[72] WAJANT, HARALD, DE  
[72] KRATKY, CHRISTOPH, AT  
[72] BUHLER, HOLGER, DE  
[71] DSM FINE CHEMICALS AUSTRIA  
GMBH, AT  
[22] 1999-06-30  
[43] 2000-01-02  
[30] AT (A 1159/98) 1998-07-02

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[21] **2,278,382**  
[13] A1

[51] **Int.Cl. 6B62J 1/00**  
[25] EN  
[54] **VIRIL SEAT**  
[54] **VIRILSEAT**  
[72] REASON, BRETT, CA  
[71] REASON, BRETT, CA  
[22] 1999-07-29  
[43] 2000-01-05

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[21] **2,282,816**  
[13] A1

[51] **Int.Cl. 6E06B 1/12 6E06B 1/02**  
[25] EN  
[54] **SELF-ALIGNING  
PREFABRICATED DOOR FRAME  
ASSEMBLY**  
[54] **ASSEMBLAGE  
D'ENCADREMENTS DE PORTES  
PREFABRIQUES A ALIGNEMENT  
AUTOMATIQUE**  
[72] BARR, GERALD L., US  
[71] BARR, GERALD L., US  
[22] 1999-09-21  
[43] 2000-01-04

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[21] **2,285,852**  
[13] A1

[51] **Int.Cl. 6A61K 38/05**  
[25] EN  
[54] **PHARMACEUTICAL TABLET  
COMPRISING LISINOPRIL DISODIUM  
AND MICROCRYSTALLINE  
CELLULOSE**  
[54] **COMPRIME PHARMACEUTIQUE  
COMPRENANT DU LISINOPRILE  
DISODIQUE ET DE LA CELLULOSE  
MICROCISTALLINE**  
[72] SHERMAN, BERNARD CHARLES,  
CA  
[71] SHERMAN, BERNARD CHARLES,  
CA  
[22] 1999-10-26  
[43] 2000-01-04

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[21] **2,285,861**  
[13] A1

[51] **Int.Cl. 6A47D 13/08**  
[25] FR  
[54] **CEINTURE DE SECURITE POUR  
BEBE**  
[54] **SAFETY BELT FOR INFANTS**  
[72] BÉLAND, GUY, CA  
[72] DUCHARME, LAURETTE, CA  
[71] BÉLAND, GUY, CA  
[71] DUCHARME, LAURETTE, CA  
[22] 1999-10-19  
[43] 2000-01-04

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[13] A1

[51] **Int.Cl. 6F01D 5/18**  
[25] EN  
[54] **GAS TURBINE BLADE**  
[54] **AUBE POUR TURBINE A GAZ**  
[72] ITO, EISAKU, JP  
[72] AOKI, SUNAO, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[85] 1999-08-11  
[86] 1998-07-07 (PCT/JP98/03055)  
[87] 2000-01-07 ()

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[21] **2,283,462**  
[13] A1

[51] **Int.Cl. 7C12N 15/63 7A61K 39/12 7A61K 39/285**  
[25] EN  
[54] **VECTORS HAVING ENHANCED EXPRESSION AND METHODS OF MAKING AND USES THEREOF**  
[54] **VECTEURS PRESENTANT UNE EXPRESSION AMELIOREE, PROCEDES DE REALISATION ET UTILISATIONS DESDITS VECTEURS**  
[72] GETTIG, RUSSELL ROBERT, US  
[72] PAOLETTI, ENZO, US  
[72] PINCUS, STEVEN E., US  
[72] GOEBEL, SCOTT J., US  
[72] COX, WILLIAM I., US  
[72] TARTAGLIA, JAMES, US  
[72] JACOBS, BERTRAM L., US  
[71] VIROGENETICS CORPORATION, US  
[71] ARIZONA STATE UNIVERSITY, US  
[85] 1999-09-09  
[86] 1998-02-25 (PCT/US98/03710)  
[87] 1998-09-17 (WO98/40500)  
[30] US (08/815,809) 1997-03-12

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[21] **2,283,490**  
[13] A1

[51] **Int.Cl. 7C12N 15/49 7A61K 48/00 7A61K 31/70**  
[25] EN  
[54] **FIV VACCINE**  
[54] **VACCIN ANTI-VIF**  
[72] JARRETT, JAMES OSWALD, GB  
[72] RIGBY, MARK ALAN, GB  
[72] NEIL, JAMES CHARLES, GB  
[71] THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW, GB  
[85] 1999-09-09  
[86] 1998-03-10 (PCT/GB98/00715)  
[87] 1998-09-17 (WO98/40493)  
[30] GB (9704977.9) 1997-03-11

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[21] **2,283,636**  
[13] A1

[51] **Int.Cl. 7C12Q 1/00 7A61K 35/00 7C07K 14/00 7C12N 15/00**  
[25] EN  
[54] **TARGET GENES FOR ALLELE-SPECIFIC DRUGS**  
[54] **GENES CIBLES POUR MEDICAMENTS SPECIFIQUES D'ALLELES**  
[72] HOUSMAN, DAVID, US  
[72] LEDLEY, FRED D., US  
[72] STANTON, VINCENT P., JR., US  
[71] VARIAGENICS, INC., US  
[85] 1999-09-17  
[86] 1998-03-19 (PCT/US98/05419)  
[87] 1998-09-24 (WO98/41648)  
[30] US (60/041,057) 1997-03-20

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[21] **2,283,680**  
[13] A1

[51] **Int.Cl. 7C07K 14/47 7A61K 38/08 7A61K 7/16 7A61K 38/16 7A61K 38/17 7C01B 25/32 7A61K 33/42**  
[25] EN  
[54] **CALCIUM PHOSHOPEPTIDE COMPLEXES**  
[54] **COMPLEXES DE CALCIUM ET DE PHOSHOPEPTIDES**  
[72] REYNOLDS, ERIC C., AU  
[71] THE UNIVERSITY OF MELBOURNE, AU  
[71] THE VICTORIAN DAIRY INDUSTRY AUTHORITY, AU  
[85] 1999-09-13  
[86] 1998-03-13 (PCT/AU98/00160)  
[87] 1998-09-17 (WO98/40406)  
[30] AU (PO 5662) 1997-03-13

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[21] **2,283,740**  
[13] A1

[51] **Int.Cl. 7C12N 15/90 7C07K 19/00 7C12N 5/10 7C12N 9/12 7C12N 15/12 7C12N 15/13 7C07K 16/28 7G01N 33/53 7C12N 15/62 7C12Q 1/68 7C07K 14/705 7C12N 15/85**  
[25] EN  
[54] **METHOD FOR INTEGRATING GENES AT SPECIFIC SITES IN MAMMALIAN CELLS VIA HOMOLOGOUS RECOMBINATION AND VECTORS FOR ACCOMPLISHING THE SAME**  
[54] **PROCEDE POUR INTEGRER DES GENES A DES SITES SPECIFIQUES DANS DES CELLULES DE MAMMIFERE PAR RECOMBINAISON HOMOLOGUE ET VECTEURS UTILISES POUR LA MISE EN OEUVRE DE CE PROCEDE**  
[72] REFF, MITCHELL E., US  
[72] BARNETT, RICHARD SPENCE, US  
[72] McLACHLAN, KAREN RETTA, US  
[71] IDEC PHARMACEUTICALS CORPORATION, US  
[85] 1999-09-13  
[86] 1998-03-09 (PCT/US98/03935)  
[87] 1998-09-24 (WO98/41645)  
[30] US (08/819,866) 1997-03-14  
[30] US (09/023,715) 1998-02-13

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[13] A1  
[51] **Int.Cl. 7C07K 14/745 7A61K 38/36 7C12N 9/64 7G01N 33/86**  
[25] EN  
[54] **RECOMBINANT PROTEIN C AND PROTEIN S VARIANTS**  
[54] **VARIANTES DE PROTEINE C ET PROTEINE S RECOMBINANTES**  
[72] DAHLBÄCK, BJORN, SE  
[71] T.A.C. THROMBOSIS AND COAGULATION AKTIEBOLAG, SE  
[85] 1999-09-08  
[86] 1998-03-18 (PCT/SE98/00490)  
[87] 1998-10-08 (WO98/44000)  
[30] SE (9701228-0) 1997-04-03

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[21] **2,284,084**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7A61K 48/00 7C12Q 1/02 7C12N 15/11 7A61K 38/17 7C07K 16/28 7A61K 39/395 7G01N 33/53 7C12Q 1/68 7C07K 14/705 7C12N 15/90**  
[25] EN  
[54] **A NOVEL CELL SURFACE RECEPTOR FOR HIV RETROVIRUSES, THERAPEUTIC AND DIAGNOSTIC USES**  
[54] **RECEPTEUR MEMBRANAIRE POUR RETROVIRUS DE VIH, UTILISATIONS THERAPEUTIQUES ET DIAGNOSTIQUES**  
[72] JACOTOT, ETIENNE, FR  
[72] GUICHARD, GILLES, FR  
[72] BRIAND, JEAN-PAUL, FR  
[72] MULLER, SYLVIANE, FR  
[72] KRUST, BERNARD, FR  
[72] HOVANESSIAN, ARA, FR  
[72] CALLEBAUT, CHRISTIAN, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[71] INSTITUT PASTEUR, FR  
[85] 1999-09-10  
[86] 1998-03-12 (PCT/EP98/01409)  
[87] 1998-09-17 (WO98/40480)  
[30] US (60/040,969) 1997-03-12

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[21] **2,284,093**  
[13] A1  
[51] **Int.Cl. 7A61K 39/00 7A61K 39/395 7C12Q 1/68 7A61K 31/70**  
[25] EN  
[54] **METHODS FOR DETECTION OF KAPOSI'S SARCOMA-ASSOCIATED HERPESVIRUS-LIKE VIRUS**  
[54] **METHODES DE DETECTION D'UN VIRUS SEMBLABLE A L'HERPESVIRUS ASSOCIE AU SARCOME DE KAPOSI**  
[72] VESCIO, ROBERT A., US  
[72] RETTIG, MATTHEW B., US  
[72] BERENSON, JAMES R., US  
[71] VESCIO, ROBERT A., US  
[71] RETTIG, MATTHEW B., US  
[71] BERENSON, JAMES R., US  
[85] 1999-09-17  
[86] 1998-02-12 (PCT/US98/02820)  
[87] 1998-08-20 (WO98/35684)  
[30] US (08/800,710) 1997-02-14  
[30] US (08/967,504) 1997-11-11

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[21] **2,284,097**  
[13] A1  
[51] **Int.Cl. 7C12N 15/10 7C12Q 1/68**  
[25] EN  
[54] **SHUFFLING OF HETEROLOGOUS DNA SEQUENCES**  
[54] **REARRANGEMENT DE SEQUENCES D'ADN HETEROLOGUES**  
[72] BORCHERT, TORBEN VEDEL, DK  
[72] CHERRY, JOEL R., US  
[72] DRETZSCHMAR, TITUS, DE  
[71] NOVO NORDISK A/S, DK  
[85] 1999-09-17  
[86] 1998-03-18 (PCT/DK98/00105)  
[87] 1998-09-24 (WO98/41623)  
[30] DK (0304/97) 1997-03-18  
[30] DK (0432/97) 1997-04-17

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[21] **2,284,107**  
[13] A1  
[51] **Int.Cl. 7C07K 7/08 7A61K 38/10 7A61K 38/17 7C07K 14/435 7G01N 33/68**  
[25] EN  
[54] **ACTIVATION OF PEPTIDES**  
[54] **ACTIVATION DE PEPTIDES**  
[72] AJOULA, HARMESH SINGH, GB  
[72] CLARKE, DAVID JOHN, GB  
[71] ANMAT TECHNOLOGY LIMITED, GB  
[85] 1999-09-20  
[86] 1998-03-18 (PCT/GB98/00799)  
[87] 1998-09-24 (WO98/41535)  
[30] GB (9705519.8) 1997-03-18

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[21] **2,286,332**  
[13] A1  
[51] **Int.Cl. 7C12N 9/72 7A61K 38/04 7C07K 7/06 7A61K 38/49 7C07K 14/705**  
[25] EN  
[54] **INHIBITORS FOR UROKINASE RECEPTOR**  
[54] **INHIBITEURS POUR LE RECEPTEUR DE L'UROKINASE**  
[72] SCHMITT, MANFRED, DE  
[72] KESSLER, HORST, DE  
[72] MAGDOLEN, VIKTOR, DE  
[72] GRAEFF, HEINRICH, DE  
[72] WILHELM, OLAF G., DE  
[72] RIEMER, CHRISTOPH, DE  
[72] BURGLE, MARKUS, DE  
[71] WILEX BIOTECHNOLOGY GMBH, DE  
[85] 1999-10-06  
[86] 1998-04-14 (PCT/EP98/02179)  
[87] 1998-10-22 (WO98/46632)  
[30] EP (97 106 024.9) 1997-04-11

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[21] **2,287,204**  
[13] A1  
[51] **Int.Cl. 7C12N 15/62 7C07K 1/00 7C07K 19/00 7A01K 67/027 7C07K 7/23 7C07K 14/575**  
[25] EN  
[54] **METHODS OF PRODUCTION OF AN AMIDATED PEPTIDE THROUGH THE USE OF A FUSION PROTEIN**  
[54] **METHODES DE PRODUCTION D'UN PEPTIDE AMIDE PAR UTILISATION D'UNE PROTEINE DE FUSION**  
[72] COTTINGHAM, IAN ROBERT, GB  
[71] PPL THERAPEUTICS (SCOTLAND) LTD., GB  
[85] 1999-10-21  
[86] 1998-05-01 (PCT/GB98/01281)  
[87] 1998-11-12 (WO98/50563)  
[30] GB (9708918.9) 1997-05-01

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[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 48/00 7C12N 5/10 7A61K 38/17 7C07K 16/32 7G01N 33/574 7A61K 31/70 7C07K 14/82**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR TREATING ABNORMAL CELL GROWTH RELATED TO UNWANTED GUANINE NUCLEOTIDE EXCHANGE FACTOR ACTIVITY**  
[54] **METHODS ET COMPOSITIONS PERMETTANT DE TRAITER UNE CROISSANCE CELLULAIRE ANORMALE LIEE A L'ACTIVITE INDESIRABLE DU FACTEUR D'ECHANGE DES NUCLEOTIDES A BASE DE GUANINE**  
[72] SHARMA, SANJU, US  
[72] NORTH, ANNE, US  
[72] ROSCOE, WILLIAM, US  
[72] CROMPTON, ANNE, US  
[72] BOLLAG, GIDEON, US  
[71] ONYX PHARMACEUTICALS, INC., US  
[85] 1999-10-21  
[86] 1998-06-15 (PCT/US98/12391)  
[87] 1998-12-23 (WO98/57990)  
[30] US (60/049,879) 1997-06-17

[21] **2,287,590**  
[13] A1

[51] **Int.Cl. 6C12N 15/28 6C12N 5/10 6C07K 16/28 6C12Q 1/68 6C07K 14/715**  
[25] EN  
[54] **NOVEL MOLECULES OF THE FTHMA-070-RELATED PROTEIN FAMILY AND THE T85-RELATED PROTEIN FAMILY AND USES THEREOF**  
[54] **NOUVELLES MOLECULES DE LA FAMILLE DES PROTEINES LIEE AU FTHMA-070 ET DE LA FAMILLE DES PROTEINES LIEE AU T85, ET UTILISATIONS DESDITES MOLECULES**  
[72] HOLTZMAN, DOUGLAS, US  
[72] MCCARTHY, SEAN A., US  
[71] MILLENNIUM BIOTHERAPEUTICS, INC., US  
[85] 1999-10-18  
[86] 1998-04-17 (PCT/US98/07714)  
[87] 1998-10-29 (WO98/48051)  
[30] US (60/044,746) 1997-04-18  
[30] US (60/062,017) 1997-10-10

[21] **2,288,025**  
[13] A1

[51] **Int.Cl. 7C12N 15/00 7C12Q 1/68**  
[25] EN  
[54] **METHOD FOR DETECTING CHANGES IN GENE EXPRESSION CAUSED BY THE TRANSFER OF GENE TO BE TESTED**  
[54] **PROCEDE SERVANT A DETECTER DES MODIFICATIONS DE L'EXPRESSION GENETIQUE PROVOQUEES PAR LE TRANSFERT DE GENES A CONTROLER**  
[72] MURAMATSU, MASAOKI, JP  
[72] NOGUCHI, TERUHISA, JP  
[72] YANO, KAZUHIRO, JP  
[72] SUYAMA, AKIRA, JP  
[71] HELIX RESEARCH INSTITUTE, JP  
[85] 1999-10-25  
[86] 1998-04-27 (PCT/JP98/01935)  
[87] 1998-11-05 (WO98/49282)  
[30] JP (9/111635) 1997-04-28

[21] **2,288,027**  
[13] A1

[51] **Int.Cl. 7A61K 38/00 7A61K 38/02 7A61K 38/17**  
[25] EN  
[54] **BRADYKININ ANALOGS AS SELECTIVE INHIBITORS OF CELL ACTIVATION**  
[54] **ANALOGUES DE BRADYKININE INHIBITEURS SELECTIFS DE L'ACTIVATION CELLULAIRE**  
[72] SCHMAIER, ALVIN H., US  
[72] HASAN, AHMED A.K., US  
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US  
[85] 1999-10-22  
[86] 1998-04-21 (PCT/US98/08015)  
[87] 1998-10-29 (WO98/47522)  
[30] US (60/046,085) 1997-04-23

[21] **2,288,073**  
[13] A1

[51] **Int.Cl. 7C12N 15/55 7C12N 9/18 7C07K 16/40 7A61K 38/46 7C12Q 1/68**  
[25] EN  
[54] **HUMAN LYSOPHOSPHOLIPASE**  
[54] **LYSOPHOSPHOLIPASE HUMAINE**  
[72] SHAH, PURVI, US  
[72] MURRY, LYNN E., US  
[72] HILLMAN, JENNIFER L., US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 1999-10-28  
[86] 1998-04-29 (PCT/US98/08782)  
[87] 1998-11-05 (WO98/49319)  
[30] US (08/844,120) 1997-04-29  
[30] US (09/022,940) 1998-02-12

[21] **2,288,074**  
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01N 63/00 7C12N 9/24 7C12N 15/56**  
[25] EN  
[54] **ANTIFUNGAL COMPOSITION CONTAINING BETA-(1,6)-GLUCANASE, AND HOSTS INCORPORATING SAME**  
[54] **COMPOSITION ANTIFONGIQUE CONTENANT BETA-(1,6)-GLUCANASE ET HOTES COMPRENANT CELLE-CI**  
[72] CUSTERS, JEROME HUBERTUS HENRICUS VICTOR, NL  
[72] STUIVER, MAARTEN HENDRIK, NL  
[72] VAN DEVENTER-TROOST, JOHANNA PIETERNELLA ELS, NL  
[72] LAGEWEG, WESSEL, NL  
[71] MOGEN INTERNATIONAL N.V., NL  
[85] 1999-10-26  
[86] 1998-04-27 (PCT/EP98/02580)  
[87] 1998-11-05 (WO98/49331)  
[30] EP (97201254.6) 1997-04-29

[21] **2,288,123**  
[13] A1

[51] **Int.Cl. 6B01D 57/02**  
[25] EN  
[54] **ELECTROPHORESIS METHOD AND APPARATUS FOR SEPARATING BIO-ORGANIC MOLECULES**  
[54] **METHODE D'ELECTROPHORESE ET APPAREIL POUR SEPARER DES MOLECULES BIO-ORGANIQUES**  
[72] VO, BINH, US  
[72] GOUDBERG, JOHANN, US  
[72] CLARK, DAVID, US  
[72] SELBY, BARTON G., US  
[71] THE PERKIN-ELMER CORPORATION, US  
[85] 1999-10-19  
[86] 1999-04-16 (PCT/US99/00835)  
[87] 1999-10-17 ()  
[30] US (09/062,381) 1998-04-17

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[21] **2,288,152**  
[13] A1  
[51] **Int.Cl. 6C10M 163/00**  
[25] EN  
[54] **LUBRICATING OIL COMPOSITIONS**  
[54] **COMPOSITIONS D'HUILE LUBRIFIANTE**  
[72] DUNN, ADRIAN, GB  
[72] SKINNER, PHILIP, GB  
[72] LENACK, ALAIN LOUIS PIERRE, FR  
[71] INFINEUM USA L.P., US  
[85] 1999-10-29  
[86] 1998-04-29 (PCT/IB98/00947)  
[87] 1998-11-12 (WO98/50501)  
[30] GB (9709006.2) 1997-05-02

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[21] **2,288,153**  
[13] A1  
[51] **Int.Cl. 6B29C 35/08 6B29C 41/02**  
[25] EN  
[54] **SOLID IMAGING PROCESS USING COMPONENT HOMOGENIZATION**  
[54] **PROCESSUS D'IMAGERIE SOLIDE UTILISANT L'HOMOGENEISATION DES COMPOSANTS**  
[72] LAWTON, JOHN A., US  
[71] LAWTON, JOHN A., US  
[85] 1999-10-29  
[86] 1998-04-28 (PCT/US98/08490)  
[87] 1998-11-05 (WO98/48993)  
[30] US (08/846,271) 1997-04-30

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[21] **2,288,373**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7A61K 38/18 7C07K 16/22 7C07K 14/475 7C12N 15/62**  
[25] EN  
[54] **HUMAN CERBERUS PROTEIN**  
[54] **PROTEINE CERBERUS HUMAINE**  
[72] ROJAS, EDUARDO A., US  
[72] ECONOMIDES, ARIS N., US  
[72] VALENZUELA, DAVID M., US  
[72] STAHL, NEIL E., US  
[71] REGENERON PHARMACEUTICALS, INC., US  
[85] 1999-10-19  
[86] 1998-03-31 (PCT/US98/06324)  
[87] 1998-11-05 (WO98/49296)  
[30] US (60/044,427) 1997-04-29  
[30] US (60/045,157) 1997-04-30

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[21] **2,288,374**  
[13] A1  
[51] **Int.Cl. 6C12N 15/40 6C07K 14/18 6A61K 39/29 6G01N 33/50**  
[25] EN  
[54] **INTRACELLULAR PRODUCTION OF HEPATITIS C E1 AND E2 TRUNCATED POLYPEPTIDES**  
[54] **PRODUCTION INTRACELLULAIRE DE POLYPEPTIDES E1 ET E2 TRONQUES DIRIGES CONTRE L'HEPATITE C**  
[72] GLAZER, EDWARD, US  
[72] SELBY, MARK, US  
[72] CHIEN, DAVID, US  
[72] HOUGHTON, MICHAEL, US  
[72] ABRIGNANI, SERGIO, US  
[72] CHOO, QUI-LIM, US  
[71] CHIRON CORPORATION, US  
[85] 1999-10-28  
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[87] 1998-11-12 (WO98/50556)  
[30] US (60/045,675) 1997-05-06

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[21] **2,288,375**  
[13] A1  
[51] **Int.Cl. 7C07K 5/10**  
[25] EN  
[54] **NOVEL PULMONARY SURFACTANTS AND THERAPEUTIC USES, INCLUDING PULMONARY LAVAGE**  
[54] **NOUVEAUX TENSIOACTIFS PULMONAIRES ET UTILISATIONS THERAPEUTIQUES, COMPRENANT LE LAVAGE PULMONAIRE**  
[72] REVAK, SUSAN D., US  
[72] COCHRANE, CHARLES G., US  
[71] THE SCRIPPS RESEARCH INSTITUTE, US  
[85] 1999-10-27  
[86] 1998-01-29 (PCT/US98/01711)  
[87] 1998-11-05 (WO98/49191)  
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[21] **2,288,431**  
[13] A1  
[51] **Int.Cl. 7G01N 33/68 7A61K 48/00 7A61K 38/22 7C07K 16/28 7C12Q 1/68 7C07K 14/705**  
[25] EN  
[54] **CADHERIN-11 AS AN INDICATOR OF VIABLE PREGNANCY**  
[54] **CADHERIN-11 UTILISE EN QUALITE D'INDICATEUR DE GROSSESSE VIABLE**  
[72] STEPHENSON, MARY D., CA  
[72] MACCALMAN, COLIN D., CA  
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA  
[85] 1999-10-25  
[86] 1998-04-24 (PCT/CA98/00397)  
[87] 1998-11-05 (WO98/49560)  
[30] CA (2,203,718) 1997-04-25

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[13] A1  
[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7A01N 63/00 7C12N 15/13 7C07K 16/44**  
[25] EN  
[54] **EXPRESSION OF FUNGICIDE-BINDING POLYPEPTIDES IN PLANTS FOR PRODUCING FUNGICIDE TOLERANCE**  
[54] **EXPRESSION DE POLYPEPTIDES LIANT LES FONGICIDES DANS DES PLANTES POUR PROVOQUER UNE TOLERANCE AUX FONGICIDES**  
[72] BUTTERFIELD, EARLE, DE  
[72] AMMERMANN, EBERHARD, DE  
[72] LERCHL, JENS, DE  
[72] RABE, UDO, DE  
[72] MOLLER, ACHIM, DE  
[72] SCHMIDT, RALF-MICHAEL, DE  
[72] LORENZ, GISELA, DE  
[72] CONRAD, UDO, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 1999-10-27  
[86] 1998-04-16 (PCT/EP98/02242)  
[87] 1998-11-05 (WO98/49329)  
[30] DE (19718251.8) 1997-04-30

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| <p style="text-align: center;">[21] <b>2,288,434</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C12N 7/04 7C12N 15/00 7C12N 7/01 7A61K 39/12 7A61K 39/155 7A61K 39/165 7A61K 39/205 7A61K 39/295 7C12N 15/86</b></p> <p>[25] EN</p> <p>[54] <b>ATTENUATION OF NEGATIVE STRANDED RNA VIRUSES BY REARRANGEMENT OF THEIR GENES AND USES THEREOF</b></p> <p>[54] <b>PROCEDES D'ATTENUATION DES VIRUS A L'ARN EN BRINS NEGATIFS PAR REMANIEMENT DE LEURS GENES, ET LEURS UTILISATIONS</b></p> <p>[72] WERTZ, GAIL, US</p> <p>[72] BALL, L. ANDREW, US</p> <p>[71] THE UAB RESEARCH FOUNDATION, US</p> <p>[85] 1999-10-29</p> <p>[86] 1998-05-01 (PCT/US98/08938)</p> <p>[87] 1998-11-12 (WO98/50529)</p> <p>[30] US (60/045,471) 1997-05-02</p>  | <p style="text-align: center;">[21] <b>2,288,456</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C12N 1/06 7C12P 21/02 7C07K 1/113 7C07K 14/47</b></p> <p>[25] EN</p> <p>[54] <b>METHOD FOR INCREASING YIELDS OR RECOMBINANT PROTEINS</b></p> <p>[54] <b>METHODES D'AUGMENTATION DE RENDEMENTS DE PROTEINES RECOMBINEES</b></p> <p>[72] NATHAN, RANGA, US</p> <p>[72] CUDNY, HENRYK, US</p> <p>[71] CELTRIX PHARMACEUTICALS, INC., US</p> <p>[85] 1999-10-22</p> <p>[86] 1998-05-12 (PCT/US98/09761)</p> <p>[87] 1998-11-19 (WO98/51780)</p> <p>[30] US (08/855,774) 1997-05-12</p>  | <p style="text-align: center;">[21] <b>2,288,602</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 39/00 7A61K 48/00</b></p> <p>[25] EN</p> <p>[54] <b>USE OF A SECRETION VECTOR FOR FERTILITY CONTROL BY ORAL VACCINATION</b></p> <p>[54] <b>UTILISATION D'UN VECTEUR DE SECRETION POUR CONTROLE DE FECONDITE PAR VACCINATION ORALE</b></p> <p>[72] HESS, JURGEN, DE</p> <p>[72] KAUFMANN, STEFAN, DE</p> <p>[72] GENTSCHKEV, IVAYLO, DE</p> <p>[72] DONNER, PETER, DE</p> <p>[72] GOEBEL, WERNER, DE</p> <p>[72] DEMUTH, ANDREAS, DE</p> <p>[71] SCHERING AKTIENGESELLSCHAFT, DE</p> <p>[85] 1999-11-08</p> <p>[86] 1998-05-07 (PCT/EP98/02679)</p> <p>[87] 1998-11-12 (WO98/50067)</p> <p>[30] DE (197 20 761.8) 1997-05-07</p> |

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| [51] <b>Int.Cl. 7C12N 15/56 7A01H 1/00 7C12N 15/82</b><br>[25] EN<br>[54] <b>REGULATING METABOLISM BY MODIFYING THE LEVEL OF TREHALOSE-6-PHOSPHATE BY INHIBITING ENDOGENOUS TREHALASE LEVELS</b><br>[54] <b>METABOLISME REGULATEUR MODIFIANT LE NIVEAU DE TREHALOSE-6-PHOSPHATE PAR INHIBITION DES NIVEAUX DE TREHALASE ENDOGENE</b><br>[72] SMEEKENS, JOSEPHUS CHRISTIANUS MARIA, NL<br>[72] PEN, JAN, NL<br>[72] GODDIJN, OSCAR JOHANNES MARIA, NL<br>[72] SMITS, MARIA THERESIA, NL<br>[71] MOGEN INTERNATIONAL N.V., NL<br>[85] 1999-11-02<br>[86] 1998-05-04 (PCT/EP98/02788)<br>[87] 1998-11-12 (WO98/50561)<br>[30] WO (PCT/EP97/02497) 1997-05-02 | [51] <b>Int.Cl. 7C12N 15/88 7A61K 48/00</b><br>[25] EN<br>[54] <b>INTEGRIN-TARGETING VECTORS HAVING TRANSFECTION ACTIVITY</b><br>[54] <b>VECTEURS DE CIBLAGE D'INTEGRINE PRESENTANT UNE ACTIVITE DE TRANSFECTION</b><br>[72] HART, STEPHEN, GB<br>[71] INSTITUTE OF CHILD HEALTH, GB<br>[85] 1999-11-05<br>[86] 1998-05-29 (PCT/GB98/01577)<br>[87] 1998-12-03 (WO98/54347)<br>[30] GB (9711115.7) 1997-05-29   | [51] <b>Int.Cl. 7C12N 9/80</b><br>[25] EN<br>[54] <b>MODIFIED ARGININE DEIMINASE</b><br>[54] <b>ARGININE DEIMINASE MODIFIEE</b><br>[72] CLARK, MIKE A., US<br>[71] PHOENIX PHARMACOLOGICS, INC, US<br>[85] 1999-11-02<br>[86] 1998-05-12 (PCT/US98/09575)<br>[87] 1998-11-19 (WO98/51784)<br>[30] US (60/046,200) 1997-05-12<br>[30] US (09/023,809) 1998-02-13  |
| [21] <b>2,288,675</b><br>[13] A1  | [21] <b>2,288,853</b><br>[13] A1  | [21] <b>2,288,962</b><br>[13] A1   |
| [51] <b>Int.Cl. 7C12N 15/55 7C12N 5/10 7C07K 16/40 7C12N 15/62 7C12N 9/64</b><br>[25] EN<br>[54] <b>HUMAN PROHORMONE CONVERTASE 4</b><br>[54] <b>CONVERTASE DE PROHORMONE HUMAINE 4</b><br>[72] JASPERS, STEPHEN R., US<br>[72] LOK, SI, US<br>[71] ZYMOGENETICS, INC., US<br>[85] 1999-11-04<br>[86] 1998-05-01 (PCT/US98/08871)<br>[87] 1998-11-12 (WO98/50560)<br>[30] US (60/044,015) 1997-05-06  | [51] <b>Int.Cl. 7C12N 15/12 7C07K 16/18 7A61K 31/365 7C07K 14/435 7G01N 33/53 7C12Q 1/68 7A01N 43/90</b><br>[25] EN<br>[54] <b>METHODS FOR DETECTING AND REVERSING RESISTANCE TO MACROCYCLIC LACTONE COMPOUNDS</b><br>[54] <b>PROCEDES DE DETECTION ET D'INVERSION DE LA RESISTANCE AUX COMPOSES DE LACTONE MACROCYCLIQUES</b><br>[72] LIU, HAO YUAN, US<br>[72] BEECH, ROBIN N., CA<br>[72] BLACKHALL, WILLIAM J., CA<br>[72] RIBEIRO, ANA PAULA, CA<br>[72] MOLENTO, MARCELO, CA<br>[72] PRICHARD, ROGER K., CA<br>[72] XU, MING, US<br>[71] MCGILL UNIVERSITY, CA<br>[85] 1999-10-29<br>[86] 1998-04-29 (PCT/IB98/00735)<br>[87] 1998-11-05 (WO98/49294)<br>[30] US (60/045,160) 1997-04-30<br>[30] US (09/067,676) 1998-04-28 | [51] <b>Int.Cl. 7C07K 16/00</b><br>[25] EN<br>[54] <b>HUMAN MONOCLONAL ANTIBODIES TO EPIDERMAL GROWTH FACTOR RECEPTOR</b><br>[54] <b>ANTICORPS MONOCLONAUX HUMAINS CONTRE LE RECEPTEUR DU FACTEUR DE CROISSANCE EPIDERMIQUE</b><br>[72] YANG, XIAO-DONG, US<br>[72] JAKOBOVITS, AYA, US<br>[72] GALLO, MICHAEL, US<br>[72] JIA, XIAO-CHI, US<br>[71] ABGENIX, INC., US<br>[85] 1999-11-03<br>[86] 1998-05-05 (PCT/US98/09160)<br>[87] 1998-11-12 (WO98/50433)<br>[30] US (08/851,362) 1997-05-05 |
| [21] <b>2,288,746</b><br>[13] A1  |   |  |
| [51] <b>Int.Cl. 7G01D 5/353</b><br>[25] EN<br>[54] <b>DISTRIBUTED SENSING SYSTEM</b><br>[54] <b>SYSTEME DE DETECTION DISTRIBUE</b><br>[72] FARHADIROUSHAN, MAHMOUD, GB<br>[71] SENSORNET LIMITED, GB<br>[85] 1999-11-04<br>[86] 1998-05-19 (PCT/GB98/01442)<br>[87] 1998-11-26 (WO98/53277)<br>[30] GB (9710057.2) 1997-05-19   |   |  |

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[13] A1

[51] **Int.Cl. 7A61K 38/19 7A61K 35/14**  
[25] EN  
[54] **NOVEL ADMINISTRATION OF THROMBOPOIETIN**  
[54] **NOUVEAU PROCEDE D'ADMINISTRATION DE THROMBOPOIETINE**  
[72] SWEENEY, THERESA D., US  
[72] JONES, ANDREW J.S., US  
[72] JONES, DENNIE V., US  
[72] POWELL, MICHAEL F., US  
[72] EATON, DAN L., US  
[72] COHEN, ROBERT L., US  
[72] WAGEMAKER, GERARD, US  
[72] THOMAS, GRIFFITH R., US  
[71] GENENTECH, INC., US  
[85] 1999-11-01  
[86] 1998-05-21 (PCT/US98/10475)  
[87] 1998-11-26 (WO98/52598)  
[30] US (08/859,767) 1997-05-21  
[30] US (09/015,016) 1998-01-28

[21] **2,288,965**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **NUCLEIC ACIDS FOR DETECTING ASPERGILLUS SPECIES AND OTHER FILAMENTOUS FUNGI**  
[54] **ACIDES NUCLEIQUES POUR LA DETECTION DU GENRE ASPERGILLUS ET AUTRES CHAMPIGNONS FILAMENTEUX**  
[72] MORRISON, CHRISTINE J., US  
[72] CHOI, JONG SOO, KR  
[72] AIDOREVICH, LILIANA, VE  
[72] REISS, ERROL, US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC, US  
[85] 1999-11-02  
[86] 1998-05-01 (PCT/US98/08926)  
[87] 1998-11-12 (WO98/50584)  
[30] US (60/045,400) 1997-05-02

[21] **2,288,967**  
[13] A1

[51] **Int.Cl. 7C07K 1/00 7C09H 3/00 7A61K 38/00 7A61K 38/16 7A61K 38/17**  
[25] EN  
[54] **SELECTIVE INDUCTION OF CELL DEATH BY DELIVERY OF AMINO-TERMINAL INTERLEUKIN-1-ALPHA PRO-PIECE POLYPEPTIDE**  
[54] **INDUCTION SELECTIVE DE LA MORT CELLULAIRE PAR ADMINISTRATION D'UN POLYPEPTIDE DE MOITIE DE TERMINAISON N AMINO D'INTERLEUKINE-1-ALPHA**  
[72] POLLOCK, ALLAN S., US  
[72] TURCK, JOHANNA, US  
[72] LOVETT, DAVID H., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 1999-11-04  
[86] 1998-05-28 (PCT/US98/10839)  
[87] 1998-12-03 (WO98/54205)  
[30] US (60/048,137) 1997-05-30  
[30] US (09/065,647) 1998-05-27

[21] **2,288,991**  
[13] A1

[51] **Int.Cl. 7A01H 1/02 7A01H 5/00 7A01H 5/10**  
[25] EN  
[54] **SOYBEAN HAVING EPISTATIC GENES AFFECTING YIELD**  
[54] **SOJA POSSEDANT DES GENES EPISTATIQUES INFLUENCANT LE RENDEMENT**  
[72] ADLER, FRED, US  
[72] LARK, KARL G., US  
[72] CHASE, KEVIN, US  
[72] ORF, JAMES, US  
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US  
[71] THE UNIVERSITY OF UTAH, US  
[85] 1999-10-27  
[86] 1998-05-01 (PCT/US98/08866)  
[87] 1998-11-12 (WO98/49887)  
[30] US (60/045,421) 1997-05-02  
[30] US (09/070,281) 1998-04-30

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[13] A1

[51] **Int.Cl. 7C07K 16/00 7C12N 15/00 7C12P 21/08 7C12N 1/20**  
[25] EN  
[54] **SINGLE-CHAIN ANTIGEN-BINDING PROTEINS CAPABLE OF GLYCOSYLATION, PRODUCTION AND USES THEREOF**  
[54] **PROTEINES A CHAINE UNIQUE FIXANT LES ANTIGENES CAPABLES DE GLYCOSYLATION, PRODUCTION ET UTILISATIONS DE CES DERNIERES**  
[72] WHITLOW, MARC D., US  
[72] LEE, LIHSYNG S., US  
[72] FILPULA, DAVID R., US  
[72] WANG, MAOLIANG, US  
[72] SHORR, ROBERT G. L., US  
[71] ENZON, INC., US  
[85] 1999-10-28  
[86] 1998-04-30 (PCT/US98/08662)  
[87] 1998-11-05 (WO98/49198)  
[30] US (60/044,449) 1997-04-30  
[30] US (60/050,472) 1997-06-23  
[30] US (60/063,074) 1997-10-27  
[30] US (60/067,341) 1997-12-02

[21] **2,288,994**  
[13] A1

[51] **Int.Cl. 7A61K 39/385 7C07K 16/00 7C12P 21/04 7C12P 21/06 7A61K 39/395 7G01N 33/53**  
[25] EN  
[54] **POLYALKYLENE OXIDE-MODIFIED SINGLE CHAIN POLYPEPTIDES**  
[54] **POLYPEPTIDES A CHAINE UNIQUE MODIFIES PAR OXYDE DE POLYALKYLENE**  
[72] FILPULA, DAVID R., US  
[72] SHORR, ROBERT G. L., US  
[72] LEE, LIHSYNG S., US  
[72] WHITLOW, MARC D., US  
[71] ENZON, INC., US  
[85] 1999-10-28  
[86] 1998-04-30 (PCT/US98/08654)  
[87] 1998-11-05 (WO98/48837)  
[30] US (60/044,449) 1997-04-30  
[30] US (60/050,472) 1997-06-23  
[30] US (60/063,074) 1997-10-27  
[30] US (60/067,341) 1997-12-02



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| <p style="text-align: center;">[21] <b>2,289,010</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C12N 9/99 7C07D 207/00 7C07D 211/00 7C07D 405/00 7A61K 38/00 7C07D 207/04 7C07D 207/06 7A61K 38/06 7C07D 211/08 7A01N 37/18 7A01N 43/36 7A01N 43/40 7A01N 43/42 7C12N 9/48 7C12N 9/50 7C12N 9/66</b></p> <p>[25] EN<br/>[54] <b>PROTEASE INHIBITORS</b><br/>[54] <b>INHIBITEURS DE PROTEASES</b><br/>[72] VEBER, DANIEL F., US<br/>[72] LoCASTRO, STEPHEN M., US<br/>[72] RU, YU, US<br/>[72] MARQUIS, ROBERT W., US<br/>[71] SMITHKLINE BEECHAM CORPORATION, US<br/>[85] 1999-11-05<br/>[86] 1998-05-06 (PCT/US98/09192)<br/>[87] 1998-11-12 (WO98/50534)<br/>[30] US (60/046,865) 1997-05-08</p> | <p style="text-align: center;">[21] <b>2,289,013</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C07D 211/22 7C07D 405/12 7A61K 31/445</b></p> <p>[25] EN<br/>[54] <b>CHEMICAL PROCESS FOR THE REDUCTION OF 1-SUBSTITUTED-3-HYDROXYMETHYL-4-(4-FLUOROPHENYL)TETRAHYDOPYRIDINES</b><br/>[54] <b>PROCEDE CHIMIQUE POUR LA REDUCTION DE SUBSTITUES EN 3-HYDROXYMETHYL-4-(4-FLUOROPHENYL)TETRAHYDOPYRIDINES</b><br/>[72] BRENNAN, JAMES PATRICK, GB<br/>[71] KNOLL AKTIENGESELLSCHAFT, DE<br/>[85] 1999-11-05<br/>[86] 1998-05-13 (PCT/EP98/02826)<br/>[87] 1998-11-26 (WO98/52920)<br/>[30] GB (9710004.4) 1997-05-17</p> | <p style="text-align: center;">[21] <b>2,289,017</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 33/00 7A61K 49/00 7A61K 31/395</b></p> <p>[25] EN<br/>[54] <b>THE USE OF A NITROXIDE OR A PRODRUG THEREOF IN THE PROPHYLACTIC AND THERAPEUTIC TREATMENT OF CANCER</b><br/>[54] <b>UTILISATION D'OXYDES D'AZOTE OU DE PROMEDICAMENT A BASE DE CES OXYDES POUR LA PREVENTION ET LE TRAITEMENT THERAPEUTIQUE DU CANCER</b><br/>[72] MITCHELL, JAMES B., US<br/>[72] CHERUKURI, MURALI KRISHNA, US<br/>[72] DELUCA, ANNE MARIE, US<br/>[72] RUSSO, ANGELO, US<br/>[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRE, US<br/>[85] 1999-11-08<br/>[86] 1998-05-27 (PCT/US98/10685)<br/>[87] 1998-12-03 (WO98/53835)<br/>[30] US (60/047,724) 1997-05-27</p> |
| <p style="text-align: center;">[21] <b>2,289,011</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C07J 31/00 7A61K 31/565</b></p> <p>[25] EN<br/>[54] <b>B-RING ESTRATRIENE DIOL SULPHATES</b><br/>[54] <b>ESTRATRIENE DIOL SULFATES A CYCLE B</b><br/>[72] RAVEENDRANATH, PANOLIL, US<br/>[72] SHAH, SYED M., US<br/>[72] WINKLEY, MICHAEL W., US<br/>[72] KAGAN, MICHAEL Z., US<br/>[71] AMERICAN HOME PRODUCTS CORPORATION, US<br/>[85] 1999-11-01<br/>[86] 1998-04-28 (PCT/US98/08483)<br/>[87] 1998-11-12 (WO98/50414)<br/>[30] US (08/841,882) 1997-05-05</p>  | <p style="text-align: center;">[21] <b>2,289,014</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C09K 5/00</b></p> <p>[25] EN<br/>[54] <b>THERMAL FLUID BLENDS CONTAINING 1,2,3,4-TETRAHYDRO(1-PHENYLETHYL)NAPHTHALENE</b><br/>[54] <b>MELANGES DE FLUIDES THERMIQUES CONTENANT DU 1,2,3,4-TETRAHYDRO(1-PHENYLETHYL)NAPHTHALENE</b><br/>[72] CUTHBERT, JOHN B., US<br/>[72] MENDOZA, ABEL, US<br/>[71] THE DOW CHEMICAL COMPANY, US<br/>[85] 1999-10-28<br/>[86] 1998-04-30 (PCT/US98/08568)<br/>[87] 1998-11-12 (WO98/50483)<br/>[30] US (60/046,120) 1997-05-09</p>  | <p style="text-align: center;">[21] <b>2,289,018</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7F01P 7/16</b></p> <p>[25] EN<br/>[54] <b>COOLING CONTROL DEVICE OF INTERNAL COMBUSTION ENGINE</b><br/>[54] <b>DISPOSITIF DE COMMANDE DE REFROIDISSEMENT POUR MOTEUR A COMBUSTION INTERNE</b><br/>[72] SANO, MITSUHIRO, JP<br/>[72] ABURAKAWA, MASAHIRO, JP<br/>[72] TAKAHASHI, MASANORI, JP<br/>[72] SUDA, HIROSHI, JP<br/>[71] NIPPON THERMOSTAT CO., LTD., JP<br/>[85] 1999-11-03<br/>[86] 1999-04-06 (PCT/JP99/01814)<br/>[87] 1999-10-14 (WO99/51863)<br/>[30] JP (10/111538) 1998-04-07</p>   |
| <p style="text-align: center;">[21] <b>2,289,012</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7E05F 11/50</b></p> <p>[25] EN<br/>[54] <b>WINDOW REGULATOR HAVING IMPROVED CRANK ASSEMBLY</b><br/>[54] <b>REGULATEUR DE FENETRE AVEC ENSEMBLE MANIVELLE AMELIORE</b><br/>[72] SMITH, PETER J., CA<br/>[71] ATOMA INTERNATIONAL INC., CA<br/>[85] 1999-10-28<br/>[86] 1998-05-06 (PCT/CA98/00420)<br/>[87] 1998-11-12 (WO98/50660)<br/>[30] US (60/045,699) 1997-05-06</p>  | <p style="text-align: center;">[21] <b>2,289,015</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H01R 13/00 7H01R 13/627</b></p> <p>[25] EN<br/>[54] <b>CONNECTOR SYSTEM</b><br/>[54] <b>SYSTEME DE CONNEXION</b><br/>[72] MCFARLANE, GLEN, GB<br/>[71] INTERLEMO HOLDING S.A., CH<br/>[85] 1999-10-28<br/>[86] 1998-04-03 (PCT/EP98/01960)<br/>[87] 1998-11-05 (WO98/49753)<br/>[30] EP (97107167.5) 1997-04-30</p>   |   |

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[21] **2,289,020**  
[13] A1

[51] **Int.Cl. 7C07B 39/00 7C07C 41/22 7C07C 37/62**  
[25] EN  
[54] **BROMINATION PROCESS**  
[54] **PROCEDE DE BROMURATION**  
[72] SABAHI, MAHMOOD, US  
[72] DAVIS, ROBERT L., US  
[72] ELNAGAR, HASSAN Y., US  
[71] ALBERMARLE CORPORATION, US  
[85] 1999-11-08  
[86] 1998-05-22 (PCT/US98/10399)  
[87] 1998-12-17 (WO98/56737)  
[30] US (871,708) 1997-06-09

[21] **2,289,022**  
[13] A1

[51] **Int.Cl. 7A61B 13/00**  
[25] EN  
[54] **METHODS AND APPARATUS FOR DIAGNOSING AND REMEDIATING READING DISORDERS**  
[54] **METHODES PERMETTANT DE DIAGNOSTIQUER ET DE CORRIGER DES RETARDS D'ACQUISITION DE LA LECTURE ET DISPOSITIF CORRESPONDANT**  
[72] LAWTON, TERI A., US  
[71] LAWTON, TERI A., US  
[85] 1999-11-03  
[86] 1998-04-07 (PCT/US98/06926)  
[87] 1998-10-15 (WO98/44848)  
[30] US (60/041,916) 1997-04-07

[21] **2,289,024**  
[13] A1

[51] **Int.Cl. 7G06F 11/34**  
[25] EN  
[54] **ACCURATE PROFILE AND TIMING INFORMATION FOR MULTITASKING SYSTEMS**  
[54] **INFORMATIONS EXACTES DE SYNCHRONISATION ET DE PROFIL POUR SYSTEMES MULTITACHE**  
[72] GUNTHER, TOM, US  
[72] AUSTIN, JAMES, US  
[71] COMPUWARE CORPORATION, US  
[85] 1999-11-03  
[86] 1998-05-14 (PCT/US98/09749)  
[87] 1998-11-19 (WO98/52122)  
[30] US (60/046,411) 1997-05-14  
[30] US (09/079,125) 1998-05-14

[21] **2,289,026**  
[13] A1

[51] **Int.Cl. 7C08F 10/08 7C08F 4/658**  
[25] EN  
[54] **POLYBUTENE-1 (CO)POLYMERS AND PROCESS FOR THEIR PREPARATION**  
[54] **(CO)POLYMERES DE POLYBUTENE-1 ET PROCEDE DE PREPARATION DE CES DERNIERS**  
[72] COLLINA, GIANNI, IT  
[72] CECCHIN, GIULIANO, IT  
[72] COVEZZI, MASSIMO, IT  
[71] MONTELL TECHNOLOGY COMPANY B.V., NL  
[85] 1999-11-03  
[86] 1999-03-02 (PCT/EP99/01354)  
[87] 1999-09-10 (WO99/45043)  
[30] EP (98200674.4) 1998-03-05

[21] **2,289,027**  
[13] A1

[51] **Int.Cl. 7C08F 4/654 7C08F 10/00 7C08F 4/647**  
[25] EN  
[54] **PREPOLYMERIZED CATALYST COMPONENTS FOR THE POLYMERIZATION OF OLEFINS**  
[54] **CONSTITUANTS CATALYTIQUES PREPOLYMERISES SERVANT A EFFECTUER LA POLYMERISATION D'OLEFINES**  
[72] VITALE, GIANNI, IT  
[72] SACCHETTI, MARIO, IT  
[72] GOVONI, GABRIELE, IT  
[71] MONTELL TECHNOLOGY COMPANY B.V., NL  
[85] 1999-11-03  
[86] 1999-03-18 (PCT/EP99/01804)  
[87] 1999-09-30 (WO99/48929)  
[30] EP (98200907.8) 1998-03-23

[21] **2,289,028**  
[13] A1

[51] **Int.Cl. 6B42F 21/00**  
[25] EN  
[54] **LABEL KIT AND METHOD OF USE**  
[54] **NECESSAIRE D'APPLICATION ET D'ALIGNEMENT D'ETIQUETTES DE SEPARATION D'INDEX ET SON PROCEDE D'UTILISATION**  
[72] POLLMAN, RUSS, US  
[71] AVERY DENNISON CORPORATION, US  
[85] 1999-11-03  
[86] 1998-04-08 (PCT/US98/07326)  
[87] 1998-10-29 (WO98/47771)  
[30] US (08/844,093) 1997-04-18

[21] **2,289,029**  
[13] A1

[51] **Int.Cl. 7A61F 13/56**  
[25] EN  
[54] **A MULTI-FUNCTIONAL FASTENER FOR DISPOSABLE ABSORBENT ARTICLES**  
[54] **BANDE DE FIXATION MULTIFONCTION POUR ARTICLES ABSORBANTS JETABLES**  
[72] BLENKE, TIMOTHY JAMES, US  
[72] SERBIAK, PAUL JOHN, US  
[72] SUPRISE, JODY DOROTHY, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 1999-11-03  
[86] 1998-07-29 (PCT/US98/15787)  
[87] 1999-02-18 (WO99/07319)  
[30] US (08/907,585) 1997-08-08

[21] **2,289,030**  
[13] A1

[51] **Int.Cl. 7B65B 13/32**  
[25] EN  
[54] **HOOP-CASING DEVICE**  
[54] **ENRUBANNEUSE**  
[72] RAUCH, MANFRED, CH  
[71] FROMM HOLDING AG, CH  
[85] 1999-10-28  
[86] 1998-04-09 (PCT/CH98/00137)  
[87] 1998-11-19 (WO98/51569)  
[30] CH (1119/97) 1997-05-13

[21] **2,289,031**  
[13] A1

[51] **Int.Cl. 7B01D 46/10**  
[25] EN  
[54] **NESTABLE PLEATED FILTER**  
[54] **FILTRE ONDULE EMPILABLE**  
[72] MILLER, WILLIAM D., US  
[71] SUPERIOR FIBERS, INC., US  
[85] 1999-10-28  
[86] 1998-05-15 (PCT/US98/10039)  
[87] 1998-11-26 (WO98/52675)  
[30] US (861616) 1997-05-22

## PCT Applications Entering the National Phase

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| <p style="text-align: right;">[21] <b>2,289,032</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C09K 7/06 7B01J 13/00</b><br/>[25] EN<br/>[54] <b>HIGH TEMPERATURE ENVIRONMENTALLY BENIGN DRILLING FLUID, AND VISCOSIFYING ADDITIVES FOR USE THEREWITH</b><br/>[54] <b>FLUIDE DE FORAGE HAUTE TEMPERATURE SANS DANGER POUR L'ENVIRONNEMENT ET ADDITIFS D'AMELIORATION DE VISCOSITE S'UTILISANT AVEC CE FLUIDE</b><br/>[72] FARROW, THOMAS C., US<br/>[72] CARROLL, PAUL W., US<br/>[72] DURHAM, DAVID HUGH, US<br/>[71] SOUTHERN CLAY PRODUCTS, INC., US<br/>[85] 1999-11-03<br/>[86] 1998-05-05 (PCT/US98/09123)<br/>[87] 1998-11-12 (WO98/50484)<br/>[30] US (08/851,677) 1997-05-06</p> | <p style="text-align: right;">[21] <b>2,289,035</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G01N 15/06 7G01N 21/49 7G01N 21/85</b><br/>[25] EN<br/>[54] <b>LIQUID LEVEL SENSOR FOR USE IN A HOT, PRESSURIZED LIQUID</b><br/>[54] <b>JAUGE DE NIVEAU POUR LIQUIDES CHAUDS SOUS PRESSION</b><br/>[72] ROMATZICK, DAVID H., US<br/>[71] CASCO PRODUCTS CORPORATION, US<br/>[85] 1999-10-29<br/>[86] 1998-03-25 (PCT/US98/05958)<br/>[87] 1998-11-19 (WO98/52014)<br/>[30] US (08/856,907) 1997-05-15</p>   | <p style="text-align: right;">[21] <b>2,289,038</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61M 27/00 7A61M 25/10</b><br/>[25] EN<br/>[54] <b>SYSTEMS AND METHODS FOR PROMOTING TISSUE GROWTH</b><br/>[54] <b>SYSTEMES ET PROCEDES FAVORISANT LA CROISSANCE TISSULAIRE</b><br/>[72] ATALA, ANTHONY, US<br/>[71] CHILDREN'S MEDICAL CENTER CORPORATION, US<br/>[85] 1999-10-28<br/>[86] 1998-05-01 (PCT/US98/08937)<br/>[87] 1998-11-12 (WO98/50100)<br/>[30] US (08/850,545) 1997-05-02</p>  |
| <p style="text-align: right;">[21] <b>2,289,033</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61F 2/20 7H03B 29/00</b><br/>[25] EN<br/>[54] <b>ACTIVE HEADSET WITH BRIDGE AMPLIFIER</b><br/>[54] <b>CASQUE D'ECOUTE ACTIF A AMPLIFICATEUR EN PONT</b><br/>[72] JONES, OWEN, GB<br/>[71] NCT GROUP, INC., US<br/>[85] 1999-10-28<br/>[86] 1998-04-20 (PCT/US98/07948)<br/>[87] 1998-11-05 (WO98/48737)<br/>[30] US (08/846,443) 1997-04-30</p>   | <p style="text-align: right;">[21] <b>2,289,036</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C11D 3/00 7C11D 11/00 7C11D 3/02 7C11D 1/62</b><br/>[25] EN<br/>[54] <b>METHOD FOR CLEANING FOOD PREPARATION SURFACES</b><br/>[54] <b>COMPOSITIONS ET PROCEDES D'ELIMINATION DES HUILES ET GRAISSES DES SURFACES DE PREPARATION D'ALIMENTS</b><br/>[72] ROSS, CYNTHIA LEE, US<br/>[72] SCHMIDT, BRUCE E., US<br/>[72] GUTZMANN, TIMOTHY A., US<br/>[72] OAKES, THOMAS R., US<br/>[71] ECOLAB INC., US<br/>[85] 1999-10-28<br/>[86] 1998-04-06 (PCT/US98/07006)<br/>[87] 1998-11-19 (WO98/51768)<br/>[30] US (08/854,405) 1997-05-12</p>                     | <p style="text-align: right;">[21] <b>2,289,039</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C23C 14/10 7C23C 28/00 7G02B 5/28</b><br/>[25] EN<br/>[54] <b>PACKAGING MATERIAL</b><br/>[54] <b>MATERIEL D'EMBALLAGE</b><br/>[72] LOHWASSER, WOLFGANG, DE<br/>[72] ZEITER, PATRIK, CH<br/>[71] ALUSUISSE TECHNOLOGY &amp; MANAGEMENT LTD., CH<br/>[85] 1999-11-03<br/>[86] 1998-05-14 (PCT/CH98/00200)<br/>[87] 1998-11-26 (WO98/53115)<br/>[30] EP (97810313.3) 1997-05-21</p>  |
| <p style="text-align: right;">[21] <b>2,289,034</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G11B 5/54</b><br/>[25] EN<br/>[54] <b>HEAD GIMBAL PROTECTION FOR A DISK DRIVE</b><br/>[54] <b>PROTECTION DU CARDAN DES TETES SUR UNE UNITE DE DISQUE</b><br/>[72] THAYNE, MARK S., US<br/>[72] VILLIARD, JEFF, US<br/>[71] IOMEGA CORPORATION, US<br/>[85] 1999-10-28<br/>[86] 1998-05-06 (PCT/US98/09195)<br/>[87] 1998-12-03 (WO98/54699)<br/>[30] US (08/881,806) 1997-05-30</p>  | <p style="text-align: right;">[21] <b>2,289,037</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C07D 491/10 7A61K 31/435</b><br/>[25] EN<br/>[54] <b>SPIRO-AZACYCLIC DERIVATIVES AND THEIR USE AS THERAPEUTIC AGENTS</b><br/>[54] <b>DERIVES SPIRO-AZACYCLIQUES ET LEUR UTILISATION EN TANT QU'AGENTS THERAPEUTIQUES</b><br/>[72] RAUBO, PIOTR ANTONI, GB<br/>[72] SWAIN, CHRISTOPHER JOHN, GB<br/>[72] THOMSON, CHRISTOPHER GEORGE, GB<br/>[72] KULAGOWSKI, JANUSZ JOZEF, GB<br/>[71] MERCK SHARP &amp; DOHME LIMITED, GB<br/>[85] 1999-11-03<br/>[86] 1998-05-27 (PCT/GB98/01541)<br/>[87] 1998-12-03 (WO98/54187)<br/>[30] GB (9711114.0) 1997-05-29</p> | <p style="text-align: right;">[21] <b>2,289,040</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 39/00 7A61K 39/09 7A61K 39/102 7A61K 39/13 7A61K 39/145 7A61K 39/25 7A61K 39/275 7A61K 39/29 7A61K 39/39</b><br/>[25] EN<br/>[54] <b>NERVE GROWTH FACTOR AS A VACCINE ADJUVANT</b><br/>[54] <b>FACTEUR DE CROISSANCE NERVEUSE COMME ADJUVANT DE VACCIN</b><br/>[72] TORCIA, MARIA, IT<br/>[71] PROTECHTION UNLIMITED, INC., US<br/>[85] 1999-10-29<br/>[86] 1998-04-30 (PCT/US98/08652)<br/>[87] 1998-11-05 (WO98/48832)<br/>[30] US (08/847,228) 1997-05-01</p> |

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| <p style="text-align: right;">[21] <b>2,289,041</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 7/00</b><br/>[25] EN<br/>[54] <b>COSMETIC PARTICULATE GEL CARRIERS FOR TOPICALLY APPLIED ACTIVE AGENTS</b><br/>[54] <b>EXCIPIENTS SOUS FORME DE GEL PARTICULAIRE COSMETIQUE POUR AGENTS ACTIFS APPLIQUES LOCALEMENT</b><br/>[72] DING, LI, FR<br/>[72] DELRIEU, PASCAL, FR<br/>[71] KOBO PRODUCTS, INC., US<br/>[85] 1999-10-29<br/>[86] 1998-05-01 (PCT/IB98/00977)<br/>[87] 1998-11-12 (WO98/50000)<br/>[30] US (08/850,167) 1997-05-02</p>   | <p style="text-align: right;">[21] <b>2,289,043</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/573 7A61B 5/00 7A61B 5/145</b><br/>[25] EN<br/>[54] <b>METHOD FOR DETECTING OR PREDICTING ISCHEMIC DISEASES</b><br/>[54] <b>PROCEDE DE DETECTION OU DE PREVISION DE MALADIES ISCHEMIQUES</b><br/>[72] SEIKI, KOSUKE, JP<br/>[72] ODA, HIROSHI, JP<br/>[72] URADE, YOSHIHIRO, JP<br/>[72] EGUCHI, YUTAKA, JP<br/>[72] EGUCHI, NAOMI, JP<br/>[72] SATO, NOBUYUKI, JP<br/>[72] NISHIKAWA, MASAZUMI, JP<br/>[71] OSAKA BIOSCIENCE INSTITUTE, JP<br/>[71] MARUHA CORPORATION, JP<br/>[85] 1999-10-29<br/>[86] 1998-04-30 (PCT/JP98/01972)<br/>[87] 1998-11-05 (WO98/49559)<br/>[30] JP (9/113126) 1997-04-30</p> | <p style="text-align: right;">[21] <b>2,289,045</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C09K 11/02</b><br/>[25] EN<br/>[54] <b>ELECTROLUMINESCENT PHOSPHOR PARTICLES ENCAPSULATED WITH AN ALUMINUM OXIDE BASED MULTIPLE OXIDE COATING</b><br/>[54] <b>PARTICULES DE PHOSPHORE ELECTROLUMINESCENTES ENCAPSULEES DANS UN REVETEMENT D'OXYDES MULTIPLES A BASE D'OXYDE D'ALUMINIUM</b><br/>[72] BUDD, KENTON D., US<br/>[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US<br/>[85] 1999-10-29<br/>[86] 1998-06-26 (PCT/US98/13275)<br/>[87] 1999-01-07 (WO99/00463)<br/>[30] US (08/884838) 1997-06-30</p>  |
| <p style="text-align: right;">[21] <b>2,289,042</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G01V 1/40 7E21B 49/00 7G01R 1/28 7G01V 1/28 7G01V 1/30</b><br/>[25] EN<br/>[54] <b>METHOD FOR DETERMINING SEDIMENTARY ROCK PORE PRESSURE CAUSED BY EFFECTIVE STRESS UNLOADING</b><br/>[54] <b>PROCEDE DE CALCUL DE LA PRESSION D'EAU INTERSTITIELLE DES ROCHES SEDIMENTAIRES PROVOQUEE PAR LE SOULAGEMENT DE LA CONTRAINTE EFFECTIVE</b><br/>[72] HOLBROOK, PHILIP W., US<br/>[71] BAROID TECHNOLOGY, INC., US<br/>[85] 1999-10-29<br/>[86] 1998-04-27 (PCT/US98/08435)<br/>[87] 1998-11-05 (WO98/49581)<br/>[30] US (08/848,768) 1997-05-01</p> | <p style="text-align: right;">[21] <b>2,289,044</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G03G 9/08 7C08J 3/12</b><br/>[25] EN<br/>[54] <b>PROCESS FOR MAKING PARTICULATE COMPOSITIONS</b><br/>[54] <b>PROCEDE DE FABRICATION DE COMPOSITIONS PARTICULAIRES</b><br/>[72] WOOD, WILLIAM MALCOLM LOGAN, GB<br/>[72] ABHINAVA, KUMAR, GB<br/>[72] MORRIS, DANIEL PATRICK, GB<br/>[72] BEDELLS, ALISON DAWN, GB<br/>[72] EDWARDS, MARTIN RUSSELL, GB<br/>[71] AVECIA LIMITED, GB<br/>[85] 1999-10-29<br/>[86] 1998-04-01 (PCT/GB98/00964)<br/>[87] 1998-11-12 (WO98/50828)<br/>[30] GB (9708815.7) 1997-05-01</p>   | <p style="text-align: right;">[21] <b>2,289,055</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/40 7A61K 31/495</b><br/>[25] EN<br/>[54] <b>KAPPA AGONIST COMPOUNDS, PHARMACEUTICAL FORMULATIONS AND METHOD OF PREVENTION AND TREATMENT OF PRURITUS THEREWITH</b><br/>[54] <b>COMPOSES AGONISTES DES RECEPTEURS KAPPA, COMPOSITIONS PHARMACEUTIQUES ET METHODE DE PREVENTION ET DE TRAITEMENT DU PRURIT A L'AIDE DESDITS COMPOSES</b><br/>[72] KRUSE, LAWRENCE I., US<br/>[72] KUMAR, VIRENDRA, US<br/>[72] CHANG, AN-CHIH, US<br/>[72] DEHAVEN-HUDKINS, DIANE L., US<br/>[72] GAUL, FORREST, US<br/>[72] MARELLA, MICHAEL ANTHONY, US<br/>[72] FARRAR, JOHN J., US<br/>[72] MAYCOCK, ALAN L., US<br/>[72] ZHANG, WEI YUAN, US<br/>[71] ADOLOR CORPORATION, US<br/>[85] 1999-11-04<br/>[86] 1998-06-19 (PCT/US98/12769)<br/>[87] 1999-01-28 (WO99/03468)<br/>[30] US (08/891,833) 1997-07-14</p> |

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[21] **2,289,058**  
[13] A1

[51] **Int.Cl. 7F21V 33/00 7H01H 9/00**  
[25] EN  
[54] **SWITCH COVER PLATE PROVIDING AUTOMATIC EMERGENCY LIGHTING**  
[54] **PLAQUE-COUVERCLE D'INTERROMPTEUR ASSURANT AUTOMATIQUEMENT UN ECLAIRAGE DE SECOURS**  
[72] MORELAND, GREG, US  
[71] ELECTRO STATIC SOLUTIONS, LLC, US  
[85] 1999-10-29  
[86] 1998-04-23 (PCT/US98/08223)  
[87] 1998-11-05 (WO98/49492)  
[30] US (08/846,041) 1997-04-25

[21] **2,289,059**  
[13] A1

[51] **Int.Cl. 7E04H 12/22 7F16B 7/00 7E02D 27/42**  
[25] EN  
[54] **METHOD AND APPARATUS FOR JOINING STRUCTURAL COMPONENTS**  
[54] **PROCEDE ET APPAREIL D'ASSEMBLAGE DE COMPOSANTS STRUCTURELS**  
[72] CHAPMAN, WILLIAM A., US  
[71] CHAPMAN, WILLIAM A., US  
[85] 1999-11-05  
[86] 1998-05-08 (PCT/US98/09419)  
[87] 1998-11-12 (WO98/50639)  
[30] US (60/045,952) 1997-05-08

[21] **2,289,061**  
[13] A1

[51] **Int.Cl. 7D21F 11/00**  
[25] EN  
[54] **PAPERMAKING BELT WITH IMPROVED ELONGATION RESIN**  
[54] **COURROIE UTILISEE DANS LA FABRICATION DU PAPIER ET COMPRENANT UNE RESINE AUX PROPRIETES D'ALLONGEMENT AMELIOREES**  
[72] BOUTILIER, GLEN DAVID, US  
[72] STELLJES, MICHAEL GOMER JR., US  
[72] TROKHAN, PAUL DENNIS, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-11-05  
[86] 1998-04-29 (PCT/IB98/00650)  
[87] 1998-11-12 (WO98/50627)  
[30] US (60/045,983) 1997-05-08  
[30] US (60/045,982) 1997-05-08  
[30] US (08/853,561) 1997-05-08

[21] **2,289,063**  
[13] A1

[51] **Int.Cl. 7F16B 35/04 7F16B 23/00**  
[25] EN  
[54] **SCREW**  
[54] **VIS**  
[72] PALM, ERICH, CH  
[71] SFS INDUSTRIE HOLDING AG, CH  
[85] 1999-10-29  
[86] 1998-04-25 (PCT/EP98/02475)  
[87] 1998-11-12 (WO98/50706)  
[30] DE (197 18 712.9) 1997-05-02

[21] **2,289,064**  
[13] A1

[51] **Int.Cl. 7G01N 29/04 7E02D 33/00**  
[25] EN  
[54] **GROUND ANCHORAGE TESTING SYSTEM**  
[54] **SYSTEME DE CONTROLE D'UN DISPOSITIF D'ANCRAGE AU SOL**  
[72] LITTLEJOHN, GAVIN STUART, GB  
[72] NELSON, RICHARD DAVID, GB  
[72] RODGER, ALBERT ALEXANDER, GB  
[72] PENMAN, JAMES, GB  
[71] ABERDEEN UNIVERSITY, GB  
[71] UNIVERSITY OF BRADFORD, GB  
[85] 1999-10-29  
[86] 1998-04-28 (PCT/GB98/01231)  
[87] 1998-11-05 (WO98/49553)  
[30] GB (9708740.7) 1997-04-29

[21] **2,289,065**  
[13] A1

[51] **Int.Cl. 7H02N 2/04**  
[25] EN  
[54] **HIGH POWER ULTRASONIC MOTOR**  
[54] **MOTEUR A ULTRASONS DE FORTE PUISSANCE**  
[72] HANSEN, THOMAS T., US  
[71] ETREMA PRODUCTS, INC., US  
[85] 1999-11-05  
[86] 1998-05-11 (PCT/US98/09848)  
[87] 1998-11-19 (WO98/52274)  
[30] US (08/855,228) 1997-05-13

[21] **2,289,066**  
[13] A1

[51] **Int.Cl. 7G06F 17/27**  
[25] EN  
[54] **COMMAND PARSING AND REWRITE SYSTEM**  
[54] **SYSTEME DE REECRITURE ET D'ANALYSE SYNTAXIQUE DE COMMANDES**  
[72] BAPTISTA, RAFAEL JOSE, US  
[72] ARMSTRONG, JOHN, US  
[72] SHIEBER, STUART M., US  
[72] SELESKY, DONALD BRYANT, US  
[72] GANONG, WILLIAM F., III, US  
[72] BENTZ, BRYAN A., US  
[71] LERNOUT & HAUSPIE SPEECH PRODUCTS N.V., BE  
[85] 1999-11-05  
[86] 1998-06-26 (PCT/IB98/01133)  
[87] 1999-01-14 (WO99/01829)  
[30] US (08/885,631) 1997-06-30

[21] **2,289,067**  
[13] A1

[51] **Int.Cl. 7F23D 14/02**  
[25] EN  
[54] **LOW-EMISSIONS INDUSTRIAL BURNER**  
[54] **BRULEUR INDUSTRIEL A EMISSIONS REDUITES**  
[72] TAYLOR, CURTIS L., US  
[72] CUMMINGS, WILLIAM G., III, US  
[71] MAXON CORPORATION, US  
[85] 1999-11-05  
[86] 1998-05-13 (PCT/US98/09525)  
[87] 1998-11-19 (WO98/51966)  
[30] US (60/046,358) 1997-05-13  
[30] US (60/077,926) 1998-03-13

[21] **2,289,068**  
[13] A1

[51] **Int.Cl. 7E01F 9/06**  
[25] EN  
[54] **RAISED ROAD MARKER**  
[54] **DISPOSITIF DE MARQUAGE ROUTIER EN RELIEF**  
[72] GREEN, JOHN L., US  
[71] WINTER BEAVER, INC., US  
[85] 1999-11-05  
[86] 1998-05-08 (PCT/US98/09451)  
[87] 1998-11-12 (WO98/50636)  
[30] US (08/853,332) 1997-05-08  
[30] US (09/074,954) 1998-05-08

## Demandes PCT entrant en phase nationale

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| <p style="text-align: right;">[21] <b>2,289,069</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G06T 11/60 7G06F 17/60</b><br/>[25] EN<br/>[54] <b>MULTI-MEDIA PROJECT MANAGEMENT AND CONTROL SYSTEM</b><br/>[54] <b>SYSTEME DE GESTION ET DE CONDUITE DE PROJET MULTIMEDIA</b><br/>[72] BUCKNAM, JULIE LYNN, US<br/>[72] WOODS, BRADLEY NEAL, US<br/>[72] GILL, TIMOTHY EARL, US<br/>[72] MURRAY, KEVIN DAVID, US<br/>[72] WILLIAMS, JOHN DAVID II, US<br/>[71] QUARK, INC., US<br/>[85] 1999-11-05<br/>[86] 1998-07-13 (PCT/US98/14474)<br/>[87] 1999-01-28 (WO99/04370)<br/>[30] US (08/891,612) 1997-07-14</p> | <p style="text-align: right;">[21] <b>2,289,074</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B42D 15/10</b><br/>[25] EN<br/>[54] <b>INTERMEDIATE MARKER, METHOD AND DEVICE FOR PREPARING A DOCUMENT BEARING VARIABLE MARKINGS</b><br/>[54] <b>FICHE INTERMEDIAIRE, PROCEDE ET DISPOSITIF POUR LA PREPARATION D'UN DOCUMENT PORTANT DES INSCRIPTIONS VARIABLES</b><br/>[72] TRANTOUL, FRANÇOIS, FR<br/>[71] TRANTOUL, FRANÇOIS, FR<br/>[85] 1999-11-04<br/>[86] 1998-05-22 (PCT/FR98/01028)<br/>[87] 1998-12-03 (WO98/54001)<br/>[30] FR (97/06701) 1997-05-30</p>  | <p style="text-align: right;">[21] <b>2,289,076</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7F17C 1/06</b><br/>[25] EN<br/>[54] <b>PARTIAL OR COMPLETE USE OF A PRESSURIZED GAS CYLINDER KNOWN PER SE FOR COMPRESSED, LIQUEFIED OR DISSOLVED GASES</b><br/>[54] <b>UTILISATION PARTIELLE OU TOTALE D'UNE BOUTEILLE A GAZ SOUS PRESSION CONNUE EN SOI POUR DES GAZ COMPRIMES, LIQUEFIES OU DISSOUS</b><br/>[72] MARKHOFF, KLAUS, DE<br/>[72] KESTEN, MARTIN, DE<br/>[71] MESSER GRIESHEIM GMBH, DE<br/>[85] 1999-11-04<br/>[86] 1998-05-02 (PCT/EP98/02603)<br/>[87] 1998-11-26 (WO98/53245)<br/>[30] DE (197 21 128.3) 1997-05-20</p>      |
| <p style="text-align: right;">[21] <b>2,289,072</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G05G 1/00</b><br/>[25] EN<br/>[54] <b>SOLID FINNED ROTOR FOR CALIPER DISC BRAKES AND THE LIKE</b><br/>[54] <b>ROTOR MONOBLOC A AILETTES POUR FREINS A DISQUE A COMPAS ET ANALOGUES</b><br/>[72] DICKERSON, WESTON E., US<br/>[71] HAYES LEMMERZ INTERNATIONAL, INC., US<br/>[85] 1999-11-05<br/>[86] 1998-05-05 (PCT/US98/09303)<br/>[87] 1998-11-12 (WO98/50837)<br/>[30] US (60/045,568) 1997-05-05<br/>[30] US (054,731) 1998-04-03</p>   | <p style="text-align: right;">[21] <b>2,289,075</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A23L 1/39</b><br/>[25] EN<br/>[54] <b>REDUCED FAT CULINARY SAUCE AND PROCESS FOR PREPARING THE SAME</b><br/>[54] <b>SAUCE CULINAIRE A TENEUR REDUITE EN MATIERES GRASSES ET PROCEDE DE PREPARATION DE LADITE SAUCE</b><br/>[72] JACKSON, TIMOTHY, US<br/>[72] OPHALS, JOHN, US<br/>[72] HARDMAN, JANE, US<br/>[72] MERCHANT, JEFFREY, US<br/>[72] TANDY, KAREN, US<br/>[72] WAYMOUTH, WILLIAM, US<br/>[72] HERRICK, JAMES PETER, US<br/>[71] SOCIÉTÉ DES PRODUITS NESTLÉ S.A., CH<br/>[85] 1999-11-04<br/>[86] 1998-04-20 (PCT/EP98/02315)<br/>[87] 1998-11-12 (WO98/49907)<br/>[30] US (08/850,980) 1997-05-05</p> | <p style="text-align: right;">[21] <b>2,289,077</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7F16D 69/02 7C04B 37/02</b><br/>[25] EN<br/>[54] <b>BRAKE OR CLUTCH COMPONENTS HAVING A CERAMIC-METAL COMPOSITE FRICTION MATERIAL</b><br/>[54] <b>COMPOSANTS DE FREINAGE OU D'EMBAYAGE RENFERMANT UN MATERIAU DE FRICTION CERMET</b><br/>[72] DESHMUKH, UDAY V., US<br/>[72] PYZIK, ALEKSANDER J., US<br/>[72] PRUNIER, ARTHUR R., JR., US<br/>[72] JONES, BART R., US<br/>[71] THE DOW CHEMICAL COMPANY, US<br/>[85] 1999-11-04<br/>[86] 1998-04-24 (PCT/US98/08297)<br/>[87] 1998-11-12 (WO98/50712)<br/>[30] US (08/851,015) 1997-05-05</p> |
| <p style="text-align: right;">[21] <b>2,289,073</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G06T 7/00</b><br/>[25] EN<br/>[54] <b>INFORMATION RECORDER/PROCESSOR AND EQUIPMENT/SYSTEM CONTROLLER BOTH PROVIDED WITH FINGERPRINT SENSOR</b><br/>[54] <b>APPAREIL D'ENREGISTREMENT/ TRAITEMENT D'INFORMATIONS ET ORGANE DE COMMANDE D'EQUIPEMENT/SYSTEME EQUIPES D'UN CAPTEUR D'EMPREINTES DIGITALES</b><br/>[72] TAMORI, TERUHIKO, JP<br/>[71] ENIX CORPORATION, JP<br/>[85] 1999-11-04<br/>[86] 1998-03-30 (PCT/JP98/01440)<br/>[87] 1999-10-07 (WO99/50794)</p>   |   |   |

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[21] **2,289,078**  
[13] A1  
[51] **Int.Cl. 7A01N 37/18 7A61K 38/17**  
[25] EN  
[54] **CATIONIC LIPIDS FOR TRANSFECTION OF NEGATIVELY CHARGED OR NEUTRAL MOLECULES INTO LIVING CELLS**  
[54] **LIPIDES CATIONIQUES DESTINES A LA TRANSFECTION DE MOLECULES NEUTRES OU CHARGEES NEGATIVEMENT A L'INTERIEUR DE CELLULES VIVANTES**  
[72] HACES, ALBERTO, US  
[71] HACES, ALBERTO, US  
[85] 1999-11-04  
[86] 1997-05-09 (PCT/US97/09093)  
[87] 1997-11-20 (WO97/42819)  
[30] US (60/017,298) 1996-05-13

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[21] **2,289,079**  
[13] A1  
[51] **Int.Cl. 7H01L 23/04**  
[25] EN  
[54] **IMPROVED SOLDER BALL JOINT**  
[54] **JOINT A GLOBULE DE SOUDURE AMELIORE**  
[72] HOLLAWAY, ROY D., US  
[72] GLENN, THOMAS P., US  
[72] PANCAK, ANTHONY E., US  
[71] AMKOR TECHNOLOGY, INC., US  
[85] 1999-11-04  
[86] 1998-05-13 (PCT/US98/09214)  
[87] 1998-11-26 (WO98/53498)  
[30] US (08/862,687) 1997-05-23

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[21] **2,289,080**  
[13] A1  
[51] **Int.Cl. 7B09C 1/06**  
[25] EN  
[54] **REMEDICATION METHOD**  
[54] **PROCEDE DE REGENERATION**  
[72] DE ROUFFIGNAC, ERIC, US  
[72] VINEGAR, HAROLD J., US  
[71] SHELL CANADA LIMITED, CA  
[85] 1999-11-04  
[86] 1998-06-03 (PCT/EP98/03488)  
[87] 1998-12-10 (WO98/55240)  
[30] US (60/048744) 1997-06-05  
[30] US (60/061520) 1997-10-09

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[21] **2,289,081**  
[13] A1  
[51] **Int.Cl. 7G02B 6/42**  
[25] EN  
[54] **OPTICAL INTERCONNECTION ARRANGEMENTS**  
[54] **DISPOSITIFS D'INTERCONNEXION OPTIQUE**  
[72] ROBERTSON, BRIAN, GB  
[72] TOOLEY, FRANK A.P., GB  
[71] MCGILL UNIVERSITY, CA  
[85] 1999-10-29  
[86] 1998-04-29 (PCT/CA98/00389)  
[87] 1998-11-05 (WO98/49590)  
[30] US (08/848,287) 1997-04-29

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[21] **2,289,082**  
[13] A1  
[51] **Int.Cl. 7B65H 35/00**  
[25] EN  
[54] **SHEET MATERIAL DISPENSER WITH SAFER SHEET CUTTING MEANS**  
[54] **DISTRIBUTEUR DE MATIERE EN FEUILLE COMPRENANT UN DISPOSITIF COUPEUR DE FEUILLE A SECURITE RENFORCEE**  
[72] SADRAKULA, PHILIP V., US  
[72] BRIES, JAMES L., US  
[72] KAMPA, LEONARD, US  
[72] HAMERSKI, MICHAEL D., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1999-11-04  
[86] 1998-05-12 (PCT/US98/09672)  
[87] 1998-11-19 (WO98/51603)  
[30] US (08/855687) 1997-05-14

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[21] **2,289,083**  
[13] A1  
[51] **Int.Cl. 7B29B 11/16 7B29B 15/10**  
[25] EN  
[54] **PREFORMS FOR MOULDING PROCESS AND RESINS THEREFOR**  
[54] **PREFORMES DESTINEES A UN PROCEDE DE MOULAGE ET RESINES UTILISEES A CETTE FIN**  
[72] MORTIMER, STEPHEN, GB  
[72] COPPOCK, VINCENT, GB  
[71] CYTEC TECHNOLOGY CORP., US  
[85] 1999-11-04  
[86] 1998-04-30 (PCT/GB98/01268)  
[87] 1998-11-12 (WO98/50211)  
[30] GB (9709166.4) 1997-05-06

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[21] **2,289,084**  
[13] A1  
[51] **Int.Cl. 7C22C 38/00 7C22C 38/12 7C22C 38/14**  
[25] EN  
[54] **LINEPIPE AND STRUCTURAL STEEL PRODUCED BY HIGH SPEED CONTINUOUS CASTING**  
[54] **TUBE DE CANALISATION ET ACIER DE CONSTRUCTION PRODUITS PAR COULEE CONTINUE A GRANDE VITESSE**  
[72] GRAY, JOHN MALCOLM, US  
[71] AMERICAN CAST IRON PIPE COMPANY, US  
[85] 1999-10-29  
[86] 1998-05-15 (PCT/US98/10034)  
[87] 1998-11-26 (WO98/53110)  
[30] US (60/046,941) 1997-05-19  
[30] US (60/048,694) 1997-06-06  
[30] US (08/879,331) 1997-06-20

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[21] **2,289,085**  
[13] A1  
[51] **Int.Cl. 7H05B 33/14 7H05B 33/10 7H05B 33/20 7H05B 33/22**  
[25] EN  
[54] **ELECTROLUMINESCENT DEVICE AND METHOD FOR PRODUCING THE SAME**  
[54] **DISPOSITIF ELECTROLUMINESCENT ET PROCEDE DE PRODUCTION**  
[72] ARAKI, YOSHINORI, JP  
[72] ABE, HIDETOSHI, JP  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1999-11-04  
[86] 1998-03-27 (PCT/US98/06119)  
[87] 1998-11-26 (WO98/53645)  
[30] JP (9-128626) 1997-05-19

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| <p style="text-align: right;">[21] <b>2,289,086</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/70 7A61K 38/10 7A61K 38/12 7A61K 31/365 7A61K 31/475</b><br/>[25] EN<br/>[54] <b>METHODS FOR USING MACROCYCLIC LACTONE COMPOUNDS AS MULTIDRUG RESISTANCE REVERSING AGENTS IN TUMOR AND OTHER CELLS</b><br/>[54] <b>PROCEDES D'UTILISATION DE COMPOSES DE LACTONE MACROCYCLIQUES EN QUALITE D'AGENTS D'INVERSION DE LA RESISTANCE AUX MEDICAMENTS POLYVALENTS DANS DES CELLULES CANCEREUSES ET AUTRES</b><br/>[72] <b>POULIOT, JEAN-FRANÇOIS</b>, CA<br/>[72] <b>PRICHARD, ROGER K.</b>, CA<br/>[72] <b>GEORGES, ELIAS</b>, CA<br/>[71] <b>McGILL UNIVERSITY</b>, CA<br/>[85] 1999-10-29<br/>[86] 1998-04-29 (PCT/IB98/00750)<br/>[87] 1998-11-05 (WO98/48813)<br/>[30] US (60/045,161) 1997-04-30<br/>[30] US (09/067,677) 1998-04-28</p> | <p style="text-align: right;">[21] <b>2,289,088</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/50</b><br/>[25] EN<br/>[54] <b>MICROPARTICLES USEFUL AS ULTRASONIC CONTRAST AGENTS AND FOR DELIVERY OF DRUGS INTO THE BLOODSTREAM</b><br/>[54] <b>MICROPARTICULES UTILISABLES COMME AGENTS DE CONTRASTE OU POUR LA LIBERATION DE MEDICAMENTS DANS LE FLUX SANGUIN</b><br/>[72] <b>OTTOBONI, THOMAS B.</b>, US<br/>[72] <b>SHORT, ROBERT E.</b>, US<br/>[72] <b>YAMAMOTO, RONALD K.</b>, US<br/>[71] <b>POINT BIOMEDICAL CORPORATION</b>, US<br/>[85] 1999-10-29<br/>[86] 1998-04-30 (PCT/US98/08827)<br/>[87] 1998-11-05 (WO98/48783)<br/>[30] US (08/847,153) 1997-04-30</p> | <p style="text-align: right;">[21] <b>2,289,091</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C12N 1/21 7C12N 15/74</b><br/>[25] EN<br/>[54] <b>SINGLE ZYMOMONAS MOBILIS STRAIN FOR XYLOSE AND ARABINOSE FERMENTATION</b><br/>[54] <b>SOUICHE UNIQUE DE ZYMOMONAS MOBILIS POUR FERMENTATION DE XYLOSE ET D'ARABINOSE</b><br/>[72] <b>PICATAGGIO, STEPHEN K.</b>, US<br/>[72] <b>FINKELSTEIN, MARK</b>, US<br/>[72] <b>CHOU, YAT-CHEN</b>, US<br/>[72] <b>ZHANG, MIN</b>, US<br/>[71] <b>MIDWEST RESEARCH INSTITUTE</b>, US<br/>[85] 1999-11-04<br/>[86] 1998-04-05 (PCT/US98/09171)<br/>[87] 1998-11-12 (WO98/50524)<br/>[30] US (08/851,767) 1997-05-06</p> |
| <p style="text-align: right;">[21] <b>2,289,087</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G06F 3/00 7G06F 15/00 7G06F 17/00 7G06F 9/06 7G06F 9/44</b><br/>[25] EN<br/>[54] <b>UNIVERSAL SOFTWARE STRUCTURE FOR REPRESENTING MODEL STRUCTURES</b><br/>[54] <b>STRUCTURE UNIVERSELLE DE LOGICIEL SERVANT A REPRESENTER DES STRUCTURES MODELES</b><br/>[72] <b>JENKINS, JIMMY J.</b>, US<br/>[71] <b>STRATUM TECHNOLOGIES CORPORATION</b>, US<br/>[85] 1999-10-29<br/>[86] 1998-04-29 (PCT/US98/08618)<br/>[87] 1998-11-05 (WO98/49612)<br/>[30] US (08/845,984) 1997-05-01</p>  | <p style="text-align: right;">[21] <b>2,289,089</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61B 17/70</b><br/>[25] EN<br/>[54] <b>ARTICULATING TOGGLE BOLT BONE SCREW</b><br/>[54] <b>VIS OSSEUSE COMBINEE A UN BOULON A AILETTES ARTICULE</b><br/>[72] <b>MULLANE, THOMAS S.</b>, US<br/>[71] <b>MULLANE, THOMAS S.</b>, US<br/>[85] 1999-11-04<br/>[86] 1997-05-08 (PCT/US97/07723)<br/>[87] 1998-11-12 (WO98/49961)</p>  | <p style="text-align: right;">[21] <b>2,289,092</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7F03B 13/12</b><br/>[25] EN<br/>[54] <b>SYSTEM FOR CONVERSION OF WAVE ENERGY</b><br/>[54] <b>SYSTEME SERVANT A CONVERTIR L'ENERGIE DES VAGUES</b><br/>[72] <b>OVADIA, SHMUEL</b>, IL<br/>[71] <b>S.D.E. ENERGY AND DESALINATION LTD.</b>, IL<br/>[85] 1999-10-29<br/>[86] 1998-03-12 (PCT/IL98/00118)<br/>[87] 1998-11-12 (WO98/50696)<br/>[30] IL (120751) 1997-05-01</p>  |
| <p style="text-align: right;">[21] <b>2,289,089</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A23K 1/16 7A23K 1/18</b><br/>[25] EN<br/>[54] <b>METHOD FOR PREPARING HIGH OIL CONTENT FISH FEED PELLETS</b><br/>[54] <b>PROCEDE POUR PREPARER DES GRANULES DE NOURRITURE POUR POISSONS A FORTE TENEUR EN HUILE</b><br/>[72] <b>SNEDDON, SCOTT</b>, GB<br/>[72] <b>NISSINEN, VESA JUHANI</b>, GB<br/>[71] <b>EWOS LIMITED</b>, GB<br/>[85] 1999-10-29<br/>[86] 1998-04-28 (PCT/EP98/02503)<br/>[87] 1998-11-12 (WO98/49904)<br/>[30] GB (9708925.4) 1997-05-01</p>  | <p style="text-align: right;">[21] <b>2,289,090</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/40</b><br/>[25] EN<br/>[54] <b>USE OF MELATONIN FOR PREPARING MEDICAMENTS FOR TREATING CIRCADIEN RHYTHM PHASE DISORDERS</b><br/>[54] <b>UTILISATION DE LA MELATONINE DANS LA PREPARATION DE MEDICAMENTS DESTINES AU TRAITEMENT DES PERTURBATIONS DES PHASES DU RYTHME CIRCADIEN</b><br/>[72] <b>SACK, ROBERT L.</b>, US<br/>[72] <b>LEWY, ALFRED J.</b>, US<br/>[71] <b>OREGON HEALTH SCIENCES UNIVERSITY</b>, US<br/>[85] 1999-10-29<br/>[86] 1998-04-29 (PCT/US98/08626)<br/>[87] 1998-11-05 (WO98/48796)<br/>[30] US (08/840,382) 1997-04-29</p>                          | <p style="text-align: right;">[21] <b>2,289,093</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/40</b><br/>[25] EN<br/>[54] <b>USE OF MELATONIN FOR PREPARING MEDICAMENTS FOR TREATING CIRCADIEN RHYTHM PHASE DISORDERS</b><br/>[54] <b>UTILISATION DE LA MELATONINE DANS LA PREPARATION DE MEDICAMENTS DESTINES AU TRAITEMENT DES PERTURBATIONS DES PHASES DU RYTHME CIRCADIEN</b><br/>[72] <b>SACK, ROBERT L.</b>, US<br/>[72] <b>LEWY, ALFRED J.</b>, US<br/>[71] <b>OREGON HEALTH SCIENCES UNIVERSITY</b>, US<br/>[85] 1999-10-29<br/>[86] 1998-04-29 (PCT/US98/08626)<br/>[87] 1998-11-05 (WO98/48796)<br/>[30] US (08/840,382) 1997-04-29</p>    |



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[21] **2,289,094**  
[13] A1  
[51] **Int.Cl. 7C07C 323/60 7C07D 209/16 7A61K 31/16 7A61K 31/27 7C07D 213/40 7A61K 31/40 7A61K 31/44**  
[25] EN  
[54] **NEW CYSTEINE DERIVATIVES, PROCESSES FOR THEIR PRODUCTION, AND PHARMACEUTICALS CONTAINING THEM**  
[54] **NOUVEAUX DERIVES DE CYSTEINE, LEURS PROCEDES DE PRODUCTION ET PRODUITS PHARMACEUTIQUES LES CONTENANT**  
[72] MORODER, LUIS, DE  
[72] GRAF VON RODERN, ERICH, DE  
[72] MULLER, JULIANE CONSTANZE DESIRÉE, DE  
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., BERLIN, DE  
[85] 1999-11-04  
[86] 1998-05-06 (PCT/EP98/02654)  
[87] 1998-11-12 (WO98/50351)  
[30] EP (97107495.0) 1997-05-07

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[21] **2,289,095**  
[13] A1  
[51] **Int.Cl. 7C07J 31/00 7C07J 7/00 7A61K 31/57**  
[25] EN  
[54] **PREGNANE 3,20 DIOL MONO- AND DI-SULPHATES**  
[54] **PREGNAN 3,20 DIOL MONO- ET DI-SULFATES**  
[72] SHAH, SYED M., US  
[72] HUANG, WENZHONG J., US  
[72] KAGAN, MICHAEL Z., US  
[72] FLETCHER, HORACE III, US  
[72] BENDER, REINHOLD H. W., US  
[71] AMERICAN HOME PRODUCTS CORPORATION, US  
[85] 1999-11-01  
[86] 1998-04-28 (PCT/US98/08485)  
[87] 1998-11-12 (WO98/50415)  
[30] US (08/850,876) 1997-05-02

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[21] **2,289,096**  
[13] A1  
[51] **Int.Cl. 7C07J 31/00 7A61K 31/57**  
[25] EN  
[54] **PHARMACEUTICALLY ACCEPTABLE SALTS OF 5ALPHA-PREGNAN-3BETA, 16ALPHA-DIOL-20-ONE 3-SULFATE USEFUL AS PROGESTINS AND CNS DISORDERS**  
[54] **SELS PHARMACEUTIQUEMENT ACCEPTABLES DE 5ALPHA-PREGNAN-3BETA, 16ALPHA-DIOL-20-ONE 3-SULFATE UTILISES COMME PROGESTATIFS ET DANS LES TROUBLES DU SNC**  
[72] BENDER, REINHOLD H. W., US  
[72] TANG, XUEJUN, US  
[72] SHAH, SYED M., US  
[72] FAWZI, MAHDI B., US  
[72] MORTON, GEORGE O., US  
[72] FLETCHER, HORACE III, US  
[71] AMERICAN HOME PRODUCTS CORPORATION, US  
[85] 1999-11-01  
[86] 1998-04-28 (PCT/US98/08454)  
[87] 1998-11-12 (WO98/50411)  
[30] US (08/850,571) 1997-05-02

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[21] **2,289,097**  
[13] A1  
[51] **Int.Cl. 7F16L 15/00**  
[25] EN  
[54] **ULTRA HIGH TORQUE DOUBLE SHOULDER TOOL JOINT**  
[54] **RACCORD DE TIGES A EPAULEMENT DOUBLE DE COUPLE ULTRA ELEVE**  
[72] WILSON, GERALD E., US  
[72] SMITH, JACKIE E., US  
[72] WINSHIP, THOMAS E., US  
[71] GRANT PRIDECO, INC., US  
[85] 1999-11-01  
[86] 1998-04-28 (PCT/US98/08476)  
[87] 1998-11-12 (WO98/50721)  
[30] US (08/850,658) 1997-05-02

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[21] **2,289,098**  
[13] A1  
[51] **Int.Cl. 7H01M 8/18**  
[25] EN  
[54] **RECYCLING OF CARBON DIOXIDE INTO METHYL ALCOHOL AND RELATED OXYGENATES OR HYDROCARBONS**  
[54] **RECYCLAGE DE DIOXYDE DE CARBONE EN METHANOL ET COMPOSES OXYGENES OU HYDROCARBURES**  
[72] OLAH, GEORGE A., US  
[72] PRAKASH, G. K. SURYA, US  
[71] OLAH, GEORGE A., US  
[71] PRAKASH, G. K. SURYA, US  
[85] 1999-11-01  
[86] 1998-05-06 (PCT/US98/09262)  
[87] 1998-11-12 (WO98/50974)  
[30] US (60/046,335) 1997-05-07  
[30] US (09/072,585) 1998-05-05

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[21] **2,289,099**  
[13] A1  
[51] **Int.Cl. 7C07C 255/06 7C07D 211/00 7C07D 213/00 7C07D 217/00 7C07D 233/00 7C07D 295/00 7A61K 31/275 7C07C 253/30 7A61K 31/33**  
[25] EN  
[54] **SUBSTITUTED 3,3-DIAMINO-2-PROPENITRILES, THEIR PREPARATION AND USE**  
[54] **3,3-DIAMINO-2-PROPENITRILES, PREPARATION ET UTILISATION DE CES DERNIERS**  
[72] HANSEN, JOHN BONDO, DK  
[72] DORWALD, FLORENZIO ZARAGOZA, DK  
[71] NOVO NORDISK A/S, DK  
[85] 1999-11-04  
[86] 1998-05-06 (PCT/DK98/00176)  
[87] 1998-11-12 (WO98/50344)  
[30] DK (0533/97) 1997-05-07

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[21] **2,289,100**  
[13] A1

[51] **Int.Cl. 7C07D 215/26 7A61K 31/47**  
[25] EN  
[54] **QUINOLINE DERIVATIVES AS PDE IV AND/OR TNF INHIBITORS**  
[54] **DERIVES DE QUINOLINE UTILISES EN TANT QU'INHIBITEURS DE LA PDE IV ET/OU DU TNF**  
[72] SABIN, VERITY MARGARET, GB  
[72] MONTANA, JOHN GARY, GB  
[72] DYKE, HAZEL JOAN, GB  
[72] HAUGHAN, ALAN FINDLAY, GB  
[71] DARWIN DISCOVERY LIMITED, GB  
[85] 1999-11-01  
[86] 1998-06-17 (PCT/GB98/01770)  
[87] 1998-12-23 (WO98/57936)  
[30] GB (9712761.7) 1997-06-17

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[21] **2,289,101**  
[13] A1

[51] **Int.Cl. 7A61M 5/00**  
[25] EN  
[54] **TROCAR SEAL SYSTEM**  
[54] **SYSTEME DE JOINT POUR TROCART**  
[72] VUMBACK, WILLIAM J., US  
[72] STELLON, GENE A., US  
[72] RACENET, DAVID C., US  
[72] PASQUALUCCI, JOSEPH, US  
[71] UNITED STATES SURGICAL CORPORATION, US  
[85] 1999-11-01  
[86] 1998-05-01 (PCT/US98/08968)  
[87] 1998-11-12 (WO98/50093)  
[30] US (60/045,412) 1997-05-02

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[21] **2,289,102**  
[13] A1

[51] **Int.Cl. 7C07D 207/09 7C07D 211/02 7C07D 307/02 7C07D 209/42**  
[25] EN  
[54] **2-INDOLINONE DERIVATIVES AS MODULATORS OF PROTEIN KINASE ACTIVITY**  
[54] **DERIVES DE 2-INDOLINONE UTILISES EN TANT QUE MODULATEURS DE L'ACTIVITE DE LA PROTEINE KINASE**  
[72] TANG, PENG CHO, US  
[72] HIRTH, KLAUS PETER, US  
[72] SHAWVER, LAURA KAY, US  
[72] MCMAHON, GERALD, US  
[72] SUN, LI, US  
[71] SUGEN, INC., US  
[85] 1999-11-04  
[86] 1998-05-07 (PCT/US98/09017)  
[87] 1998-11-12 (WO98/50356)  
[30] US (60/045,838) 1997-05-07  
[30] US (60/046,868) 1997-05-08  
[30] US (60/049,324) 1997-06-11  
[30] US (60/050,413) 1997-06-20  
[30] US (60/050,412) 1997-06-20  
[30] US (60/050,977) 1997-06-20  
[30] US (60/059,381) 1997-09-19  
[30] US (60/059,384) 1997-09-19  
[30] US (60/059,336) 1997-09-19  
[30] US (60/059,544) 1997-09-19  
[30] US (60/059,677) 1997-09-19  
[30] US (60/059,971) 1997-09-25  
[30] US (60/060,194) 1997-09-26

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[21] **2,289,103**  
[13] A1

[51] **Int.Cl. 7G06F 13/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR NETWORK ACCESS USING A SET TOP BOX AND TELEVISION**  
[54] **APPAREIL ET PROCEDE D'ACCES A UN RESEAU A L'AIDE D'UN COFFRET D'ABONNE ET D'UN TELEVISEUR**  
[72] LIN, ERIC, US  
[72] WAN, HOWARD S.K., US  
[71] GTE MAIN STREET INCORPORATED, US  
[85] 1999-11-01  
[86] 1998-04-30 (PCT/US98/08721)  
[87] 1998-11-12 (WO98/50862)  
[30] US (08/853,035) 1997-05-02

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[21] **2,289,104**  
[13] A1

[51] **Int.Cl. 7B65D 47/06 7B65D 51/16**  
[25] EN  
[54] **POURING DEVICE**  
[54] **DISPOSITIF VERSEUR**  
[72] VON RONN, THOMAS, DE  
[71] VON RONN, THOMAS, DE  
[85] 1999-11-01  
[86] 1998-04-09 (PCT/DE98/01022)  
[87] 1998-10-15 (WO98/45179)  
[30] DE (197 14 734.8) 1997-04-09

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[21] **2,289,105**  
[13] A1

[51] **Int.Cl. 7C01B 33/193 7C08K 3/36**  
[25] EN  
[54] **IMPROVED SILICA PRODUCT FOR USE IN ELASTOMERS**  
[54] **PRODUIT A BASE DE SILICE AMELIORE S'UTILISANT DANS DES ELASTOMERES**  
[72] FULTZ, WILLIAM C., US  
[72] MARTIN, MICHEL J., US  
[72] BEAVERS, MARK A., US  
[71] J.M. HUBER CORPORATION, US  
[85] 1999-11-01  
[86] 1998-05-01 (PCT/US98/09062)  
[87] 1998-11-12 (WO98/50306)  
[30] US (08/850,813) 1997-05-02

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[21] **2,289,106**  
[13] A1

[51] **Int.Cl. 7A63F 7/06**  
[25] EN  
[54] **TABLE HOCKEY APPARATUS**  
[54] **JEU DE HOCKEY DE TABLE**  
[72] SUTTER, JOSEF BEAT, CH  
[71] SUTTER, JOSEF BEAT, CH  
[85] 1999-11-01  
[86] 1998-04-29 (PCT/IB98/00648)  
[87] 1998-07-02 (WO98/27801)  
[30] CH (1035/97) 1997-05-02

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[21] **2,289,107**  
[13] A1

[51] **Int.Cl. 7B60R 21/32**  
[25] EN  
[54] **VEHICLE SENSOR APPARATUS**  
[54] **CAPTEUR DANS UN VEHICULE**  
[72] AGAM, URI, IL  
[72] BEN-BASSAT, ELI, IL  
[72] JASHEK, RONEN, IL  
[72] GAL, ELI, IL  
[71] SENSOTECH LTD., IL  
[85] 1999-11-01  
[86] 1998-03-04 (PCT/IL98/00107)  
[87] 1998-11-12 (WO98/50258)  
[30] IL (120755) 1997-05-01

[21] **2,289,108**  
[13] A1

[51] **Int.Cl. 7C07J 31/00 7A61K 31/57**  
[25] EN  
[54] **SALTS OF 5.ALPHA.-PREGN-16-EN-3.BETA.-OL-20-ONE 3-SULPHATE ESTER WITH PROGESTIN ACTIVITY**  
[54] **SELS DE 5.ALPHA.-PREGN-16-EN-3.BETA.-OL-20-ONE 3-SULFATE ESTER A ACTIVITE PROGESTATIVE**  
[72] FAWZI, MAHDI B., US  
[72] FLETCHER, HORACE III, US  
[72] TANG, XUEJUN, US  
[72] BENDER, REINHOLD H.W., US  
[72] SHAH, SYED M., US  
[72] MORTON, GEORGE O., US  
[71] AMERICAN HOME PRODUCTS CORPORATION, US  
[85] 1999-11-01  
[86] 1998-04-28 (PCT/US98/08453)  
[87] 1998-11-12 (WO98/50410)  
[30] US (08/850,569) 1997-05-02

[21] **2,289,109**  
[13] A1

[51] **Int.Cl. 7C12N 15/61 7A01K 67/027 7A61K 39/395 7A61K 38/52 7G01N 33/68 7C12Q 1/68 7C12N 9/90**  
[25] EN  
[54] **CARBOHYDRATE-DEFICIENT GLYCOPROTEIN SYNDROME TYPE I**  
[54] **SYNDROME DE TYPE I CONSECUTIF A UNE DEFICIENCE GLUCIDIQUE DE LA GLYCOPROTEINE**  
[72] MATTHIJS, GERT, BE  
[71] GENZYME LIMITED, GB  
[85] 1999-10-28  
[86] 1998-04-30 (PCT/EP98/02593)  
[87] 1998-11-05 (WO98/49324)  
[30] GB (9708851.2) 1997-04-30  
[30] GB (9801719.7) 1998-01-27

[21] **2,289,110**  
[13] A1

[51] **Int.Cl. 7C07K 14/00**  
[25] FR  
[54] **ANALOGUES PEPTIDIQUES ET LEURS UTILISATIONS NOTAMMENT DANS DES COMPOSITIONS PHARMACEUTIQUES ET POUR LE DIAGNOSTIC**  
[54] **PEPTIDE ANALOGUES, AND THEIR USES IN PARTICULAR IN PHARMACEUTICAL COMPOSITIONS AND FOR DIAGNOSIS**  
[72] QUESNEL, ANNE, FR  
[72] BRIAND, JEAN-PAUL, FR  
[72] MULLER, SYLVIANE, FR  
[72] GUILLET, JEAN-GÉRARD, FR  
[72] CHOPPIN, JEANNINE, FR  
[72] OSTANKOVITCH, MARINA, FR  
[72] CONNAN, FRANCINE, FR  
[72] GUICHARD, GILLES, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[71] INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE, FR  
[85] 1999-11-02  
[86] 1998-05-07 (PCT/FR98/00923)  
[87] 1998-11-12 (WO98/50423)  
[30] FR (97/05677) 1997-05-07

[21] **2,289,112**  
[13] A1

[51] **Int.Cl. 7C07D 231/20 7A01N 43/56**  
[25] EN  
[54] **SUBSTITUTED 4-(3-ALKENYL-BENZOYL)-PYRAZOLES**  
[54] **4-(3-ALKENYLE-BENZOYLE)-PYRAZOLS**  
[72] BAUMANN, ERNST, DE  
[72] WESTPHALEN, KARL-OTTO, DE  
[72] HILL, REGINA LUISE, DE  
[72] KARDORFF, UWE, DE  
[72] WITSCHHEL, MATTHIAS, DE  
[72] RHEINHEIMER, JOACHIM, DE  
[72] ENGEL, STEFAN, DE  
[72] DEYN, WOLFGANG, DE  
[72] OTTEN, MARTINA, DE  
[72] MISSLITZ, ULF, DE  
[72] RACK, MICHAEL, DE  
[72] MAYER, GUIDO, DE  
[72] WALTER, HELMUT, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 1999-11-03  
[86] 1998-05-05 (PCT/EP98/02433)  
[87] 1998-11-12 (WO98/50366)  
[30] DE (19726710.6) 1997-05-07

[21] **2,289,113**  
[13] A1

[51] **Int.Cl. 7C07D 305/12 7A01N 43/04 7C07D 305/08 7C07F 7/08 7C07D 305/10 7C07D 493/10 7C07D 303/32 7C07F 9/655**  
[25] EN  
[54] **SUBSTITUTED 2-BENZOYL-CYCLOHEXANE-1,3-DIONES**  
[54] **2-BENZOYLE-CYCLOHEXANE-1,3-DIONES SUBSTITUEES**  
[72] MISSLITZ, ULF, DE  
[72] RHEINHEIMER, JOACHIM, DE  
[72] ENGEL, STEFAN, DE  
[72] OTTEN, MARTINA, DE  
[72] MAYER, GUIDO, DE  
[72] KARDORFF, UWE, DE  
[72] HILL, REGINA LUISE, DE  
[72] BAUMANN, ERNST, DE  
[72] VON DEYN, WOLFGANG, DE  
[72] WALTER, HELMUT, DE  
[72] WESTPHALEN, KARL-OTTO, DE  
[72] WAGNER, OLIVER, DE  
[72] WITSCHHEL, MATTHIAS, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 1999-11-03  
[86] 1998-04-24 (PCT/EP98/02448)  
[87] 1998-11-12 (WO98/50377)  
[30] DE (19726711.4) 1997-05-07

[21] **2,289,114**  
[13] A1

[51] **Int.Cl. 7C07C 49/835 7A01N 35/06 7C07C 317/24 7C07C 205/45 7C07C 45/54 7C07C 49/813**  
[25] EN  
[54] **SUBSTITUTED 2-(3-ALKENYL-BENZOYL)-CYCLOHEXANE-1,3-DIONES**  
[54] **2-(3-ALKENYLE-BENZYOLE)-CYCLOHEXANE-1,3-DIONES SUBSTITUEES**  
[72] RACK, MICHAEL, DE  
[72] RHEINHEIMER, JOACHIM, DE  
[72] OTTEN, MARTINA, DE  
[72] WESTPHALEN, KARL-OTTO, DE  
[72] WITSCHHEL, MATTHIAS, DE  
[72] WALTER, HELMUT, DE  
[72] VON DEYN, WOLFGANG, DE  
[72] BAUMANN, ERNST, DE  
[72] ENGEL, STEFAN, DE  
[72] HILL, REGINA LUISE, DE  
[72] MAYER, GUIDO, DE  
[72] MISSLITZ, ULF, DE  
[72] KARDORFF, UWE, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 1999-11-03  
[86] 1998-04-24 (PCT/EP98/02447)  
[87] 1998-11-12 (WO98/50337)  
[30] DE (19719380.3) 1997-05-07

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[21] **2,289,115**  
[13] A1

[51] **Int.Cl. 7C07K 16/00 7C07K 17/00 7C07H 21/02 7C07H 21/04 7A61K 39/395**  
[25] EN  
[54] **RECOMBINANT ANTIBODY-ENZYME FUSION PROTEINS**  
[54] **PROTEINES FUSIONNEES D'ENZYMES ANTICORPS PRODUITES PAR RECOMBINAISON**  
[72] SENTER, PETER D., US  
[72] YARNOLD, SUSAN, US  
[72] SIEMERS, NATHAN O., US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 1999-11-04  
[86] 1998-04-30 (PCT/US98/08840)  
[87] 1998-11-12 (WO98/50432)  
[30] US (60/045,888) 1997-05-07  
[30] US (09/070,637) 1998-04-30

[21] **2,289,116**  
[13] A1

[51] **Int.Cl. 7C12N 15/31 7A61K 39/09 7C07K 16/12 7C12N 5/12 7C12N 1/21 7C07K 14/315 7G01N 33/569 7G01N 33/68 7C12Q 1/68**  
[25] EN  
[54] **ENTEROCOCCUS FAECALIS POLYNUCLEOTIDES AND POLYPEPTIDES**  
[54] **POLYNUCLEOTIDES ET POLYPEPTIDES D'ENTEROCOCCUS FAECALIS**  
[72] HROMOCKYJ, ALEX, US  
[72] KUNSCH, CHARLES A., US  
[72] BAILEY, CAMELLA, US  
[72] CHOI, GIL H., US  
[71] HUMAN GENOME SCIENCES, INC., US  
[85] 1999-11-04  
[86] 1998-05-04 (PCT/US98/08959)  
[87] 1998-11-12 (WO98/50554)  
[30] US (60/044,031) 1997-05-06  
[30] US (60/046,655) 1997-05-16  
[30] US (60/066,009) 1997-11-14

[21] **2,289,117**  
[13] A1

[51] **Int.Cl. 7C12N 15/00**  
[25] EN  
[54] **METHOD AND CONSTRUCT FOR INHIBITION OF CELL MIGRATION**  
[54] **PROCEDE ET CONSTRUCTION POUVANT INHIBER UNE MIGRATION CELLULAIRE**  
[72] VERHEIJEN, JOHAN HENDRIKUS, NL  
[72] QUAX, PAULUS HUBERTUS ANDREAS, NL  
[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK, NL  
[85] 1999-11-05  
[86] 1998-05-11 (PCT/NL98/00259)  
[87] 1998-11-19 (WO98/51788)  
[30] EP (97201423.7) 1997-05-12

[21] **2,289,118**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/16 7C07K 16/18 7C07K 14/47 7C12N 15/62**  
[25] EN  
[54] **NOVEL TUMOR ANTIGENS**  
[54] **NOUVEAUX ANTIGENES TUMORAUX**  
[72] SHEPPARD, PAUL O., US  
[72] GROSSMAN, ANGELIKA, US  
[71] ZYMOGENETICS, INC., US  
[85] 1999-11-05  
[86] 1998-05-06 (PCT/US98/09584)  
[87] 1998-11-12 (WO98/50552)  
[30] US (60/045,703) 1997-05-06

[21] **2,289,119**  
[13] A1

[51] **Int.Cl. 7A61K 31/47 7A61K 31/165 7A61K 31/35**  
[25] EN  
[54] **METHODS FOR TREATING INFLAMMATION AND INFLAMMATORY DISEASES USING PADPRT INHIBITORS**  
[54] **PROCEDE DE TRAITEMENT DE L'INFLAMMATION OU DE MALADIES INFLAMMATOIRES A L'AIDE D'INHIBITEURS DE POLY-ADP RIBOSE POLYMERASE**  
[72] KUN, ERNEST, US  
[71] OCTAMER, INC., US  
[85] 1999-11-08  
[86] 1998-05-13 (PCT/US98/10033)  
[87] 1998-11-19 (WO98/51308)  
[30] US (08/855,616) 1997-05-13  
[30] US (09/056,396) 1998-04-06

[21] **2,289,121**  
[13] A1

[51] **Int.Cl. 7C07H 1/00 7A23G 3/00 7C07H 1/06**  
[25] EN  
[54] **IMPROVED BETA-GLUCAN AND METHODS OF USE**  
[54] **BETA-GLUCANE AMELIOREE ET PROCEDES D'UTILISATION**  
[72] PINTO, SUSAN, US  
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US  
[85] 1999-11-08  
[86] 1998-05-07 (PCT/US98/09333)  
[87] 1998-11-12 (WO98/50398)  
[30] US (60/045,834) 1997-05-07

[21] **2,289,122**  
[13] A1

[51] **Int.Cl. 7A61K 31/00 7A61K 33/00 7A61K 38/00 7C12N 15/11 7C12Q 1/68**  
[25] EN  
[54] **BAK PROMOTOR EXPRESSION SYSTEM**  
[54] **SYSTEME D'EXPRESSION DE PROMOTEUR DE BAK**  
[72] KIEFER, MICHAEL C., US  
[72] OSSINA, NATALYA K., US  
[71] LXR BIOTECHNOLOGY INC., US  
[85] 1999-11-08  
[86] 1998-02-17 (PCT/US98/02845)  
[87] 1998-08-20 (WO98/35659)  
[30] US (60/038,412) 1997-02-18

[21] **2,289,190**  
[13] A1

[51] **Int.Cl. 7A61K 31/495 7A61K 31/131 7A61K 31/135 7A61K 31/42 7A61K 31/485 7A61K 31/55**  
[25] EN  
[54] **COMPOSITION AND METHOD COMBINING AN ANTIDEPRESSANT WITH AN NMDA RECEPTOR ANTAGONIST, FOR TREATING NEUROPATHIC PAIN**  
[54] **COMPOSITION ET METHODE ASSOCIANT UN ANTIDEPRESSEUR ET UN ANTAGONISTE DE RECEPTEUR NMDA POUR TRAITER LA DOULEUR NEUROPATHIQUE**  
[72] CARUSO, FRANK S., US  
[71] ALGOS PHARMACEUTICAL CORPORATION, US  
[85] 1999-11-03  
[86] 1998-05-06 (PCT/US98/09253)  
[87] 1998-11-12 (WO98/50044)  
[30] US (60/045,900) 1997-05-07

## PCT Applications Entering the National Phase

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|---|--|--|
| <p style="text-align: right;">[21] <b>2,289,191</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61H 1/00</b><br/>[25] EN<br/>[54] <b>METHOD AND APPARATUS FOR CARTILAGE GROWTH STIMULATION</b><br/>[54] <b>PROCEDE ET APPAREIL PERMETTANT DE STIMULER LA CROISSANCE CARTILAGINEUSE</b><br/>[72] RYABY, JACK, US<br/>[72] TALISH, ROGER J., US<br/>[72] ROSE, EMERY, US<br/>[72] URGOVITCH, KENNETH SR., US<br/>[71] EXOGEN, INC., US<br/>[85] 1999-11-03<br/>[86] 1998-02-06 (PCT/US98/02447)<br/>[87] 1998-08-13 (WO98/34578)<br/>[30] US (60/037,367) 1997-02-06</p> | <p style="text-align: right;">[21] <b>2,289,195</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61L 2/18</b><br/>[25] EN<br/>[54] <b>COMPOSITIONS AND METHODS FOR ENHANCING CONTACT LENS WEARABILITY</b><br/>[54] <b>COMPOSITIONS ET PROCEDES POUR UN MEILLEUR CONFORT DES LENTILLES DE CONTACT</b><br/>[72] VEHIGE, JOSEPH G., US<br/>[72] CURRIE, JAMES P., US<br/>[71] ALLERGAN SALES, INC., US<br/>[85] 1999-11-05<br/>[86] 1998-04-15 (PCT/US98/07826)<br/>[87] 1998-11-12 (WO98/50084)<br/>[30] US (08/854,221) 1997-05-09</p>      | <p style="text-align: right;">[21] <b>2,289,441</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 41/00</b><br/>[25] EN<br/>[54] <b>GREEN PORPHYRINS AS IMMUNOMODULATORS</b><br/>[54] <b>PORPHYRINES VERTES UTILISEES COMME IMMUNOMODULATEURS</b><br/>[72] LEVY, JULIA G., CA<br/>[72] OBOCHI, MODESTUS, O.K., CA<br/>[72] RICHTER, ANNA M., CA<br/>[72] CHAN, AGNES, CA<br/>[72] HUNT, DAVID W.C., CA<br/>[72] SIMKIN, GUILLERMO O., CA<br/>[71] QLT PHOTOTHERAPEUTICS, INC., CA<br/>[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA<br/>[85] 1999-11-09<br/>[86] 1998-05-15 (PCT/CA98/00484)<br/>[87] 1998-11-26 (WO98/52608)<br/>[30] US (08/856,921) 1997-05-16</p> |
| <p style="text-align: right;">[21] <b>2,289,192</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G06F 13/00 7G06F 13/28</b><br/>[25] EN<br/>[54] <b>COMMUNICATION DMA DEVICE</b><br/>[54] <b>DISPOSITIF DE COMMUNICATION DMA</b><br/>[72] ISHIBASHI, HIDEKI, JP<br/>[71] SANYO ELECTRIC CO., LTD., JP<br/>[85] 1999-11-03<br/>[86] 1998-05-14 (PCT/JP98/02121)<br/>[87] 1998-12-03 (WO98/54650)<br/>[30] JP (9/142157) 1997-05-30</p>  | <p style="text-align: right;">[21] <b>2,289,196</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 47/36</b><br/>[25] EN<br/>[54] <b>SUSTAINED-RELEASE DELAYED GELS</b><br/>[54] <b>GELS A ACTION DIFFEREE ET A LIBERATION PROLONGEE</b><br/>[72] BEEKMAN, ALICE C., US<br/>[72] GOLDENBERG, MERRILL SEYMOUR, US<br/>[72] GU, JIAN HUA, US<br/>[71] AMGEN INC., US<br/>[85] 1999-11-05<br/>[86] 1998-05-18 (PCT/US98/10013)<br/>[87] 1998-11-19 (WO98/51348)<br/>[30] US (08/857,973) 1997-05-16<br/>[30] US (08/912,902) 1997-08-15</p> | <p style="text-align: right;">[21] <b>2,289,442</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C08G 65/10</b><br/>[25] EN<br/>[54] <b>METHOD FOR POLYMERIZING CYCLIC ETHER</b><br/>[54] <b>PROCEDE POUR LA POLYMERISATION D'ETHERS CYCLIQUES</b><br/>[72] BECKER, RAINER, DE<br/>[72] SIGWART, CHRISTOPH, DE<br/>[72] MULLER, ULRICH, DE<br/>[72] PLITZKO, KLAUS-DIETER, DE<br/>[72] FISCHER, ROLF, DE<br/>[72] ELLER, KARSTEN, DE<br/>[72] STEIN, FRANK, DE<br/>[71] BASF AKTIENGESELLSCHAFT, DE<br/>[85] 1999-11-09<br/>[86] 1998-05-06 (PCT/EP98/02674)<br/>[87] 1998-11-19 (WO98/51729)<br/>[30] DE (19719875.9) 1997-05-12</p>                                   |
| <p style="text-align: right;">[21] <b>2,289,194</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A43B 13/40</b><br/>[25] EN<br/>[54] <b>FLUID FILLED INSOLE</b><br/>[54] <b>SEMELLE REMPLIE DE FLUIDE</b><br/>[72] SCHOESLER, HENNING RAUN, DK<br/>[71] SCHOESLER, HENNING RAUN, DK<br/>[85] 1999-11-05<br/>[86] 1999-03-08 (PCT/DK99/00116)<br/>[87] 1999-10-07 (WO99/49747)<br/>[30] US (08/687,787) 1998-03-08</p>  | <p style="text-align: right;">[21] <b>2,289,197</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61M 31/00 7A61N 1/30</b><br/>[25] EN<br/>[54] <b>METHOD OF REMOVING THROMBOSIS IN FISTULAE</b><br/>[54] <b>PROCEDE D'ELIMINATION DE THROMBOSE DANS DES FISTULES</b><br/>[72] CARTER, ROBERT E., US<br/>[72] SIEGEL, ROBERT J., US<br/>[71] CORAJE, INC., US<br/>[85] 1999-11-05<br/>[86] 1998-05-01 (PCT/US98/09005)<br/>[87] 1998-11-19 (WO98/51366)<br/>[30] US (08/854,911) 1997-05-13</p>   |  |

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[21] **2,289,443**  
[13] A1

[51] **Int.Cl. 7B29C 49/00 7A61C 7/00 7A61C 13/00**  
[25] EN  
[54] **PREFORME PERMETTANT L'OBTENTION APRES DEFORMATION D'APPAREILS ORTHODONTIQUES OU D'ORTHOPEDIE DENTO-FACIALE PERSONNALISES, LES APPAREILS OBTENUS ET LEUR PROCEDE D'OBTENTION**  
[54] **PREFORM FOR OBTAINING AFTER DEFORMATION CUSTOMISED ORTHODONTIC APPLIANCES OR DENTAL ORTHOPAEDICS, RESULTING APPLIANCES AND METHOD FOR OBTAINING SAME**  
[72] BONNET, BRUNO, FR  
[72] BONNET, MAIWENN, FR  
[72] BONNET, FRANÇOIS, FR  
[71] BONNET, BRUNO, FR  
[71] BONNET, MAIWENN, FR  
[71] BONNET, FRANÇOIS, FR  
[85] 1999-11-09  
[86] 1998-05-15 (PCT/FR98/00984)  
[87] 1998-11-19 (WO98/51472)  
[30] FR (97/06082) 1997-05-15

[21] **2,289,444**  
[13] A1

[51] **Int.Cl. 7F26B 17/00 7C02F 11/12**  
[25] EN  
[54] **METHOD FOR REDUCING MOISTURE CONTENT**  
[54] **PROCEDE DE REDUCTION DE LA TENEUR EN HUMIDITE**  
[72] BARRÉ, LOUIS, CA  
[72] BILODEAU, MARCEL, CA  
[71] SOLUTIONS MABAREX INC., CA  
[85] 1999-10-29  
[86] 1998-05-11 (PCT/CA98/00461)  
[87] 1998-11-19 (WO98/51139)  
[30] CA (2,204,926) 1997-05-09

[21] **2,289,445**  
[13] A1

[51] **Int.Cl. 7B65D 69/00 7B65D 55/00**  
[25] EN  
[54] **STERILE INFLATION SYSTEM FOR A SEALED BAG WITH FLEXIBLE WALL**  
[54] **SYSTEME DE GONFLAGE STERILE POUR UN SAC SCELLE AVEC UNE PAROI FLEXIBLE**  
[72] LATAIX, GILBERT, FR  
[71] LABORATOIRES MERCK SHARP & DOHME-CHIBRET SNC, FR  
[85] 1999-10-29  
[86] 1998-05-19 (PCT/EP98/03164)  
[87] 1998-11-26 (WO98/52827)  
[30] FR (9706423) 1997-05-21

[21] **2,289,446**  
[13] A1

[51] **Int.Cl. 7H04N 7/00**  
[25] EN  
[54] **COMPUTER INTERFACE EXTENSION SYSTEM AND METHOD**  
[54] **PROCEDE ET SYSTEME D'EXTENSION D'INTERFACE D'ORDINATEUR**  
[72] HARE, CHARLES S., US  
[72] SAKARYA, DURSUN, US  
[72] BLYTHE, BRENT W., II, US  
[71] MATSUSHITA ELECTRIC CORPORATION OF AMERICA, US  
[85] 1999-04-06  
[86] 1997-10-01 (PCT/US97/17753)  
[87] 1998-04-16 (WO98/16065)  
[30] US (08/725,940) 1996-10-08

[21] **2,289,447**  
[13] A1

[51] **Int.Cl. 7F02C 3/02 7F02G 1/00**  
[25] EN  
[54] **FORCED PURGE WAVE ROTOR**  
[54] **ROTOR A ONDES A PURGE FORCEE**  
[72] SNYDER, PHILIP H., US  
[71] ALLISON ENGINE COMPANY, INC., US  
[85] 1999-11-09  
[86] 1998-05-13 (PCT/US98/09603)  
[87] 1998-11-19 (WO98/51913)  
[30] US (08/857,529) 1997-05-16

[21] **2,289,448**  
[13] A1

[51] **Int.Cl. 7A61K 47/48**  
[25] EN  
[54] **CONJUGATE COMPRISING A FOLIC ACID ANTAGONIST AND A CARRIER**  
[54] **CONJUGUE RENFERMANT UN ANTAGONISTE DE L'ACIDE FOLIQUE ET UN EXCIPIENT**  
[72] FREI, EVA, DE  
[72] MAIER-BORST, WOLFGANG, DE  
[72] SINN, HANNSJORG, DE  
[72] STEHLE, GERD, DE  
[72] SCHRENK, HANS-HERMAN, DE  
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OFFENTLICHEN RECHTS, DE  
[85] 1999-11-09  
[86] 1998-05-08 (PCT/EP98/02701)  
[87] 1998-11-19 (WO98/51349)  
[30] EP (97107657.5) 1997-05-09

[21] **2,289,449**  
[13] A1

[51] **Int.Cl. 7A61B 19/00**  
[25] EN  
[54] **TRAJECTORY GUIDES FOR SURGICAL INSTRUMENTS**  
[54] **GUIDES POUR INSTRUMENTS CHIRURGICAUX**  
[72] BAUER, DEBRA F., US  
[72] TRUWIT, CHARLES L., US  
[72] LIU, HAIYING, US  
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US  
[85] 1999-11-09  
[86] 1998-05-15 (PCT/US98/10008)  
[87] 1998-11-19 (WO98/51229)  
[30] US (08/856,664) 1997-05-15  
[30] US (08/919,649) 1997-08-28  
[30] US (09/058,092) 1998-04-09  
[30] US (09/078,913) 1998-05-14

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[21] **2,289,450**  
[13] A1

[51] **Int.Cl. 7C07D 491/14 7A61K 31/44**  
[25] EN  
[54] **6-SUBSTITUTED 1,2,4A,5A,8A,8B  
HEXAHYDRO- AND 1,2,3,4,4A,5A,8A,8B-  
OCTAHYDRO-6H-PYRROLO  
-3',4':4,5[FURO-3,2-B]PYRID-8(7H)-ON  
DERIVATIVES AND THEIR USE IN  
COMBATTING ENDOPARASITES**  
[54] **DERIVES DE 1,2,4A,5A,8A,8B-  
HEXAHYDRO- ET 1,2,3,4,4A,5A,8A,8B-  
OCTAHYDRO-6H-  
PYRRO-3',4':4,5[FURO-3,2-B]PYRIDE-  
8(7H)-ONE 6-SUBSTITUES ET LEUR  
UTILISATION POUR LUTTER  
CONTRE DES ENDOPARASITES**  
[72] MENCKE, NORBERT, DE  
[72] VON SAMSON-HIMMELSTJERNA,  
GEORG, DE  
[72] HARDER, ACHIM, DE  
[72] JESCHKE, PETER, DE  
[71] BAYER AKTIENGESELLSCHAFT,  
DE  
[85] 1999-11-09  
[86] 1998-04-29 (PCT/EP98/02511)  
[87] 1998-11-19 (WO98/51688)  
[30] DE (197 19 839.2) 1997-05-12

[21] **2,289,452**  
[13] A1

[51] **Int.Cl. 7H04L 9/00**  
[25] EN  
[54] **INITIAL SECRET KEY  
ESTABLISHMENT INCLUDING  
FACILITIES FOR VERIFICATION OF  
IDENTITY**  
[54] **ETABLISSEMENT D'UN CODE  
SECRET INITIAL COMPRENANT DES  
DISPOSITIFS DE VERIFICATION  
D'IDENTITE**  
[72] MOREAU, THIERRY, CA  
[71] CONNOTECH EXPERTS-CONSEILS  
INC., CA  
[85] 1999-11-09  
[86] 1998-05-07 (PCT/CA98/00431)  
[87] 1998-11-19 (WO98/52316)  
[30] US (60/046,047) 1997-05-09

[21] **2,289,453**  
[13] A1

[51] **Int.Cl. 7C12Q 1/70 7A61K 39/29  
7C12Q 1/42 7A61K 38/43 7G01N 33/53**  
[25] EN  
[54] **SCREENING METHODS USING AN  
ATPASE PROTEIN FROM A VIRUS OF  
THE FLAVIVIRIDAE FAMILY**  
[54] **METHODES DE CRIBLAGE  
UTILISANT UNE PROTEINE ATPASE  
PROVENANT D'UN VIRUS DE LA  
FAMILLE DES FLAVIVIRIDAE**  
[72] ZHONG, WEIDONG, US  
[72] DeIVECCHIO, ALFRED, US  
[71] SMITHKLINE BEECHAM  
CORPORATION, US  
[85] 1999-11-15  
[86] 1998-07-01 (PCT/US98/13790)  
[87] 1999-01-14 (WO99/01582)  
[30] US (60/051,582) 1997-07-02

[21] **2,289,454**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7A61K 48/00  
7C07H 21/04 7C07H 19/06 7C07H 19/067  
7C07H 19/09 7C07H 19/16 7C07H 19/167  
7C07H 19/173 7C12P 19/34**  
[25] EN  
[54] **ANTISENSE INHIBITION OF RAS  
GENE WITH CHIMERIC AND  
ALTERNATING OLIGONUCLEOTIDES**  
[54] **INHIBITION ANTISENS DU GENE  
RAS A L'AIDE  
D'OLIGONUCLEOTIDES  
CHIMERIQUES ET A LIAISONS  
ALTERNEES**  
[72] ECKER, DAVID J., US  
[72] MONIA, BRETT P., US  
[72] COOK, PHILLIP DAN, US  
[72] SANGHVI, YOGESH S., US  
[71] ISIS PHARMACEUTICALS, INC., US  
[85] 1999-10-29  
[86] 1998-04-30 (PCT/US98/08800)  
[87] 1998-11-05 (WO98/49349)  
[30] US (08/848,840) 1997-04-30

[21] **2,289,455**  
[13] A1

[51] **Int.Cl. 7H04M 7/00 7H04L 29/06  
7H04M 3/48 7H04L 12/64**  
[25] EN  
[54] **A COMMUNICATION SYSTEM  
ARCHITECTURE**  
[54] **ARCHITECTURE D'UN SYSTEME  
DE COMMUNICATION**  
[72] VANDERSLUIS, KRISTAN, US  
[72] ATKINSON, WESLEY, US  
[72] BAXTER, CRAIG A., US  
[72] KNOSTMAN, CHUCK, US  
[72] CHEN, BING, US  
[72] JUN, FANG (DECEASED), ZZ  
[72] EASTEP, GUIDO M., US  
[72] SCHRAGE, BRUCE, US  
[72] OREBAUGH, SHANNON R., US  
[72] ELLIOTT, ISAAC K., US  
[72] STELLE, RICK, US  
[72] LITZENBERGER, PAUL R., US  
[71] MCI COMMUNICATIONS  
CORPORATION, US  
[85] 1999-07-22  
[86] 1998-02-03 (PCT/US98/01868)  
[87] 1998-08-06 (WO98/34391)  
[30] US (08/794,555) 1997-02-03  
[30] US (08/794,114) 1997-02-03  
[30] US (08/794,689) 1997-02-03  
[30] US (08/807,130) 1997-02-10  
[30] US (08/798,208) 1997-02-10  
[30] US (08/795,270) 1997-02-10  
[30] US (08/797,964) 1997-02-10  
[30] US (08/800,243) 1997-02-10  
[30] US (08/798,350) 1997-02-10  
[30] US (08/797,445) 1997-02-10  
[30] US (08/797,360) 1997-02-10

[21] **2,289,456**  
[13] A1

[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **FLANGELESS SEAM FOR USE IN  
DISPOSABLE ARTICLES**  
[54] **JONCTION SANS REBORD UTILE  
POUR DES ARTICLES JETABLES**  
[72] WEIRICH, DAVID MICHAEL, US  
[72] JOHNSON, LARRY KENNETH, US  
[72] LANGE, STEPHEN JOSEPH, US  
[71] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1999-11-12  
[86] 1998-05-15 (PCT/US98/09881)  
[87] 1998-11-19 (WO98/51252)  
[30] US (08/855,651) 1997-05-15

## Demandes PCT entrant en phase nationale

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|--|---|--|
| <p style="text-align: right;">[21] <b>2,289,457</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61H 1/02</b><br/>[25] EN<br/>[54] <b>DEVICE FOR PRODUCING CONTINUOUS PASSIVE MOTION</b><br/>[54] <b>DISPOSITIF POUR PRODUIRE UN DEPLACEMENT PASSIF CONTINU</b><br/>[72] GRIESMAR, RENÉ, FR<br/>[72] BENY, LAURENT, FR<br/>[71] SMITH &amp; NEPHEW KINETIC SA, FR<br/>[85] 1999-08-19<br/>[86] 1998-02-27 (PCT/FR98/00396)<br/>[87] 1998-09-03 (WO98/37850)<br/>[30] FR (97/02334) 1997-02-27</p>                            | <p style="text-align: right;">[21] <b>2,289,460</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C10L 1/22 7C10L 10/00 7C10L 10/04</b><br/>[25] EN<br/>[54] <b>IMPROVED OIL COMPOSITION</b><br/>[54] <b>COMPOSITION DE PETROLE AMELIOREE</b><br/>[72] LEDEORE, CHRISTOPHE, GB<br/>[72] CAPROTTI, RINALDO, GB<br/>[71] INFINEUM USA L.P., US<br/>[85] 1999-11-12<br/>[86] 1998-05-11 (PCT/EP98/02833)<br/>[87] 1998-11-19 (WO98/51763)<br/>[30] GB (9709826.3) 1997-05-15</p>   | <p style="text-align: right;">[21] <b>2,289,463</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C22B 26/00 7C22B 15/00 7C22B 26/10 7C22B 26/12</b><br/>[25] EN<br/>[54] <b>REOXIMATION OF METAL EXTRACTION CIRCUIT ORGANICS</b><br/>[54] <b>REOXIMATION DE LA PHASE ORGANIQUE D'UN CIRCUIT D'EXTRACTION DE METAL</b><br/>[72] COLLINS, MARY, IE<br/>[72] KRBECHER, LEROY, US<br/>[72] VIRNIG, MICHAEL J., US<br/>[71] HENKEL CORPORATION, US<br/>[85] 1999-09-02<br/>[86] 1998-03-03 (PCT/US98/03380)<br/>[87] 1998-09-11 (WO98/39492)<br/>[30] US (60/039,604) 1997-03-03<br/>[30] US (09/027,063) 1998-02-20</p> |
| <p style="text-align: right;">[21] <b>2,289,458</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C08F 236/04 7C08F 290/06 7C08F 2/24</b><br/>[25] EN<br/>[54] <b>COLLOIDALLY STABILIZED BUTADIENE EMULSIONS</b><br/>[54] <b>EMULSIONS DE BUTADIENE STABILISEES PAR UN COLLOIDE</b><br/>[72] KRISHNAN, VENKATARAM, US<br/>[72] FRIEDZON, YAKOV S., US<br/>[71] REICHHOLD CHEMICALS, INC., US<br/>[85] 1999-11-12<br/>[86] 1998-05-15 (PCT/US98/09938)<br/>[87] 1998-11-19 (WO98/51720)<br/>[30] US (08/856,789) 1997-05-15</p> | <p style="text-align: right;">[21] <b>2,289,461</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C04B 35/83 7F16J 1/01 7C04B 35/80</b><br/>[25] EN<br/>[54] <b>METHOD FOR MAKING AN INTERNAL COMBUSTION ENGINE PISTON IN THERMOSTRUCTURAL COMPOSITE MATERIAL</b><br/>[54] <b>PROCEDE DE FABRICATION D'UN PISTON DE MOTEUR A COMBUSTION INTERNE EN MATERIAU COMPOSITE THERMOSTRUCTURAL</b><br/>[72] CIAIS, JEAN-PIERRE, FR<br/>[72] THEBAULT, JACQUES, FR<br/>[71] SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION - S.N, FR<br/>[85] 1999-08-27<br/>[86] 1998-12-28 (PCT/FR98/02895)<br/>[87] 1999-07-08 (WO99/33767)<br/>[30] FR (97 16615) 1997-12-29</p> | <p style="text-align: right;">[21] <b>2,289,464</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B67C 7/00 7B65B 55/10</b><br/>[25] EN<br/>[54] <b>DEVICE FOR STERILIZING BEVERAGE CONTAINERS USING A PLASMA</b><br/>[54] <b>DISPOSITIF POUR LA STERILISATION DE RECIPIENTS A BOISSON PAR UN PLASMA</b><br/>[72] PAASCHE, SIEGFRIED, DE<br/>[72] PRÄSSLER, WALTER, DE<br/>[72] BESTMANN, MATTHIAS, DE<br/>[71] CROWN SIMPLIMATIC INCORPORATED, US<br/>[85] 1999-11-12<br/>[86] 1998-05-07 (PCT/EP98/02675)<br/>[87] 1998-11-19 (WO98/51609)<br/>[30] DE (197 19 911.9) 1997-05-13</p>                               |
| <p style="text-align: right;">[21] <b>2,289,459</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H04M 3/46 7H04M 15/00</b><br/>[25] EN<br/>[54] <b>METHOD AND DEVICE FOR INTERACTION</b><br/>[54] <b>PROCEDE ET DISPOSITIF D'INTERACTION</b><br/>[72] DAHLÉN, JOHAN, SE<br/>[72] LJUNGQVIST, PER, SE<br/>[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE<br/>[85] 1999-11-12<br/>[86] 1998-05-11 (PCT/SE98/00856)<br/>[87] 1998-11-19 (WO98/52340)<br/>[30] SE (9701810-5) 1997-05-14</p>  | <p style="text-align: right;">[21] <b>2,289,462</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61F 6/06 7A61M 31/00</b><br/>[25] EN<br/>[54] <b>INTRAUTERINE CHEMICAL NECROSING METHOD, COMPOSITION, AND APPARATUS</b><br/>[54] <b>METHODE, COMPOSITION ET DISPOSITIF DE NECROSE CHIMIQUE INTRA-UTERINE</b><br/>[72] NEUWIRTH, ROBERT S., US<br/>[71] NEUWIRTH, ROBERT S., US<br/>[85] 1999-11-12<br/>[86] 1998-05-11 (PCT/US98/09560)<br/>[87] 1998-11-19 (WO98/51244)<br/>[30] US (08/854,604) 1997-05-12</p>   | <p style="text-align: right;">[21] <b>2,289,466</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7F41H 1/02 7A41D 31/00</b><br/>[25] EN<br/>[54] <b>SPECIALLY SHAPED MULTILAYER ARMOUR</b><br/>[54] <b>BLINDAGE MULTICOUCHE SPECIALEMENT FORME</b><br/>[72] VAN ZIJL, NICOLAS A., CH<br/>[72] PFISTER, FRIEDRICH V., CH<br/>[72] MOUREAUX, BÉATRICE, FR<br/>[71] E.I. DU PONT DE NEMOURS AND COMPANY, US<br/>[85] 1999-11-12<br/>[86] 1998-07-14 (PCT/US98/14471)<br/>[87] 1999-01-28 (WO99/04217)<br/>[30] US (08/892,584) 1997-07-14</p>   |



## PCT Applications Entering the National Phase

[21] **2,289,467**  
[13] A1

[51] **Int.Cl. 7D21H 13/26 7D21H 25/04**  
[25] EN  
[54] **ARAMID PAPERS OF IMPROVED SOLVENT RESISTANCE AND DIMENSIONALLY STABLE LAMINATES MADE THEREFROM**  
[54] **PAPIERS EN ARAMIDE PRESENTANT UNE RESISTANCE AUX SOLVANTS AMELIOREE ET PRODUITS STRATIFIES DOTES DE STABILITE DIMENSIONNELLE, FABRIQUES A PARTIR DE TELS PAPIERS**  
[72] KIRAYOGLU, BIROL, US  
[72] POWELL, DAVID JEFFREY, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1999-11-12  
[86] 1998-07-20 (PCT/US98/14934)  
[87] 1999-02-04 (WO99/05360)  
[30] US (08/898,728) 1997-07-22

[21] **2,289,468**  
[13] A1

[51] **Int.Cl. 7B29C 65/36 7F16L 13/007 7F16L 13/10**  
[25] EN  
[54] **PROCESS FOR FORMING FLUID FLOW CONDUIT SYSTEMS AND PRODUCTS THEREOF**  
[54] **PROCEDE DE FORMATION DE SYSTEMES DE CONDUITS D'ECOULEMENT DE FLUIDE ET PRODUITS OBTENUS**  
[72] TOPPING, MICHAEL H., US  
[72] RAGNO, MICHAEL A., US  
[71] ASHLAND INC., US  
[85] 1999-11-12  
[86] 1998-05-12 (PCT/US98/08088)  
[87] 1998-11-19 (WO98/51476)  
[30] US (08/856,327) 1997-05-14  
[30] US (09/025,881) 1998-02-19

[21] **2,289,469**  
[13] A1

[51] **Int.Cl. 7B32B 3/14 7B32B 33/00 7G09F 7/00 7B32B 31/04**  
[25] EN  
[54] **METHOD AND DEVICE FOR APPLYING A PATTERN ONTO A SUPPORT MEANS**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'APPLIQUER UN MOTIF SUR UN SUPPORT**  
[72] JOHANSSON, GORAN, SE  
[72] JOHANSSON, PATRIK, SE  
[71] JOHANSSON, GORAN, SE  
[71] JOHANSSON, PATRIK, SE  
[85] 1999-11-12  
[86] 1998-05-18 (PCT/SE98/00924)  
[87] 1998-12-03 (WO98/53987)  
[30] SE (9702032-5) 1997-05-30

[21] **2,289,470**  
[13] A1

[51] **Int.Cl. 7D21H 21/42 7B42D 15/00**  
[25] EN  
[54] **SECURITY PAPER AND PROCESS FOR MAKING THE SAME**  
[54] **PAPIER INFALSIFIABLE ET SON PROCEDE DE FABRICATION**  
[72] MEHTA, RAJENDRA, US  
[72] WASHBURN, DAVID ERNEST, US  
[72] SEIFERT, HARRY ALLEN, US  
[71] THE STANDARD REGISTER COMPANY, US  
[85] 1999-11-12  
[86] 1998-05-22 (PCT/US98/10483)  
[87] 1998-12-03 (WO98/54413)  
[30] US (08/865,136) 1997-05-29

[21] **2,289,471**  
[13] A1

[51] **Int.Cl. 7A01N 37/18 7A61K 38/00 7G01N 33/00**  
[25] EN  
[54] **A NOVEL METHOD OF DETECTING AND TREATING CANCER**  
[54] **NOUVELLE METHODE DE DETECTION ET DE TRAITEMENT DE CANCER**  
[72] WANG, XIN-MIN, US  
[72] SCHMIDT, CARL J., US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 1999-11-12  
[86] 1998-06-09 (PCT/US98/12053)  
[87] 1998-12-17 (WO98/56248)  
[30] US (60/049,015) 1997-06-09

[21] **2,289,472**  
[13] A1

[51] **Int.Cl. 7C07C 61/08 7C07C 61/09 7C07C 61/12 7C07C 61/22 7C07C 61/28**  
[25] EN  
[54] **EXCITATORY AMINO ACID RECEPTOR MODULATORS**  
[54] **MODULATEURS DE RECEPTEUR D'ACIDES AMINES EXCITATEURS**  
[72] VALLI, MATTHEW JOHN, US  
[72] MONN, JAMES ALLEN, US  
[72] MASSEY, STEVEN MARC, US  
[71] ELI LILLY AND COMPANY, US  
[85] 1999-11-12  
[86] 1998-05-14 (PCT/US98/09862)  
[87] 1998-11-19 (WO98/51655)  
[30] US (60/047,011) 1997-05-14

[21] **2,289,473**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD FOR CONTROLLED OPTIMIZATION OF ENTERPRISE PLANNING MODELS**  
[54] **PROCEDE D'OPTIMISATION CONTROLEE DE MODELES DE PLANIFICATION D'ENTREPRISE**  
[72] CHAUBAL, CHARU V., US  
[72] OUIMET, KENNETH J., US  
[71] KHEMETRICS, INC., US  
[85] 1999-11-12  
[86] 1998-05-21 (PCT/US98/10522)  
[87] 1998-11-26 (WO98/53416)  
[30] US (60/049,948) 1997-05-21  
[30] US (60/049,826) 1997-05-21

[21] **2,289,474**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **A METHOD FOR INCORPORATING PSYCHOLOGICAL EFFECTS INTO DEMAND MODELS**  
[54] **PROCEDE PERMETTANT D'INTEGRER DES EFFETS PSYCHOLOGIQUES DANS DES MODELES DE DEMANDE**  
[72] CHAUBAL, CHARU V., US  
[72] OUIMET, KENNETH J., US  
[71] KHEMETRICS, INC., US  
[85] 1999-11-12  
[86] 1998-05-21 (PCT/US98/10521)  
[87] 1998-11-26 (WO98/53415)  
[30] US (60/050,917) 1997-05-21  
[30] US (60/049,825) 1997-05-21

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|   |   |   |
|---|---|---|
| <p style="text-align: right;">[21] <b>2,289,475</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7D21F 5/04</b><br/>[25] EN<br/>[54] <b>METHOD FOR CONTROLLING THE CURL OF PAPER AND A PAPER OR BOARD MACHINE LINE THAT APPLIES THE METHOD</b><br/>[54] <b>PROCEDE DE TUILAGE DU PAPIER ET CHAINE DE MACHINES A PAPIER OU CARTON UTILISANT CE PROCEDE</b><br/>[72] KAIHOVIRTA, JUHA, FI<br/>[72] PAKARINEN, PEKKA, FI<br/>[71] VALMET CORPORATION, FI<br/>[85] 1999-11-12<br/>[86] 1998-05-08 (PCT/FI98/00395)<br/>[87] 1998-11-19 (WO98/51857)<br/>[30] FI (972080) 1997-05-15</p>   | <p style="text-align: right;">[21] <b>2,289,477</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A47K 10/42</b><br/>[25] EN<br/>[54] <b>FOLDING AND STACKING CONFIGURATION FOR WET WIPES</b><br/>[54] <b>CONFIGURATION DE PLIAGE ET D'EMPILEMENT POUR LINGETTES HUMIDES</b><br/>[72] HILL, SIMON DAVID JULIEN, DE<br/>[71] THE PROCTER &amp; GAMBLE COMPANY, US<br/>[85] 1999-11-12<br/>[86] 1998-05-26 (PCT/US98/10603)<br/>[87] 1998-11-26 (WO98/52454)<br/>[30] EP (97108388.6) 1997-05-23</p>  | <p style="text-align: right;">[21] <b>2,289,480</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H04J 1/00</b><br/>[25] EN<br/>[54] <b>UNIFIED ACCESS PLATFORM DISTRIBUTING ATM CELLS AND TELEPHONY SIGNALS TO SUBSCRIBER PREMISES OVER TWISTED WIRE PAIRS</b><br/>[54] <b>PLATE-FORME D'ACCES UNIFIEE</b><br/>[72] EAMES, THOMAS R., US<br/>[71] NEXT LEVEL COMMUNICATIONS L.P., US<br/>[85] 1999-10-12<br/>[86] 1998-04-13 (PCT/US98/07347)<br/>[87] 1998-10-22 (WO98/47251)<br/>[30] US (60/043,811) 1997-04-14<br/>[30] US (08/905,775) 1997-08-04</p>   |
| <p style="text-align: right;">[21] <b>2,289,476</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C07K 14/525 7C07K 19/00</b><br/>[25] EN<br/>[54] <b>MODIFIED TNF.ALPHA. MOLECULES, DNA ENCODING SUCH MODIFIED TNF.ALPHA. MOLECULES AND VACCINES COMPRISING SUCH MODIFIED TNF.ALPHA. MOLECULES AND DNA</b><br/>[54] <b>MOLECULES TNF.ALPHA. MODIFIEES, ADN CODANT POUR CES MOLECULES ET VACCINS COMPRENANT CES MOLECULES TNF.ALPHA. MODIFIEES ET CET ADN</b><br/>[72] JENSEN, MARTIN ROLAND, DK<br/>[72] DALUM, IBEN, DK<br/>[72] MOURITSEN, SOREN, DK<br/>[72] ELSNER, HENRIK, DK<br/>[71] FARMACEUTISK LABORATORIUM FERRING A/S, DK<br/>[85] 1999-10-14<br/>[86] 1998-04-15 (PCT/DK98/00157)<br/>[87] 1998-10-22 (WO98/46642)<br/>[30] DK (0418/97) 1997-04-15<br/>[30] US (60/044,187) 1997-04-24</p> | <p style="text-align: right;">[21] <b>2,289,478</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G06F 13/00 7G09G 5/34</b><br/>[25] EN<br/>[54] <b>PARAMETERIZED IMAGE ORIENTATION FOR COMPUTER DISPLAYS</b><br/>[54] <b>ORIENTATION D'IMAGES PARAMETREES POUR ECRANS D'ORDINATEURS</b><br/>[72] BADGER, ALAN E., US<br/>[71] PORTRAIT DISPLAYS, INC., US<br/>[85] 1999-11-12<br/>[86] 1999-03-19 (PCT/US99/06100)<br/>[87] 1999-09-23 (WO99/48012)<br/>[30] US (09/045,063) 1998-03-19</p>  | <p style="text-align: right;">[21] <b>2,289,481</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C11D 17/06</b><br/>[25] EN<br/>[54] <b>PARTICULATE DETERGENT COMPOSITIONS</b><br/>[54] <b>COMPOSITIONS DETERGENTES PARTICULAIRES</b><br/>[72] INSTONE, TERRY, GB<br/>[72] LIEM, SEENG DJIANG, NL<br/>[72] EMERY, WILLIAM DEREK, GB<br/>[72] VERSCHELLING, GILBERT MARTIN, GB<br/>[71] UNILEVER PLC, GB<br/>[85] 1999-11-12<br/>[86] 1998-05-11 (PCT/EP98/02981)<br/>[87] 1998-12-03 (WO98/54286)<br/>[30] GB (9711359.1) 1997-05-30</p>   |
| <p style="text-align: right;">[21] <b>2,289,479</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C07K 14/00</b><br/>[25] EN<br/>[54] <b>MODULATORS OF INTRACELLULAR INFLAMMATION, CELL DEATH AND CELL SURVIVAL PATHWAYS CONTAINING A CARD AND KINASE DOMAIN</b><br/>[54] <b>MODULATEURS DES VOIES D'INFLAMMATION INTRACELLULAIRE, DE MORT CELLULAIRE ET DE SURVIE CELLULAIRE</b><br/>[72] WALLACH, DAVID, IL<br/>[72] BOLDIN, MARK, IL<br/>[72] MALININ, NIKOLAI, IL<br/>[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL<br/>[85] 1999-11-16<br/>[86] 1998-06-01 (PCT/IL98/00255)<br/>[87] 1998-12-10 (WO98/55507)<br/>[30] IL (121011) 1997-06-05<br/>[30] IL (121199) 1997-06-30<br/>[30] IL (121746) 1997-09-11</p>   | <p style="text-align: right;">[21] <b>2,289,482</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C07C 67/343 7C07C 57/04 7C07C 51/353 7C07C 69/54 7C07C 67/58</b><br/>[25] EN<br/>[54] <b>TREATMENT OF FORMALDEHYDE-CONTAINING MIXTURES</b><br/>[54] <b>TRAITEMENT DE MELANGES CONTENANT DU FORMALDEHYDE</b><br/>[72] HARRISON, STEPHEN PATRICK, GB<br/>[72] PARTEN, WILLIAM DAVID, GB<br/>[72] MARTIN, JOHN STUART, GB<br/>[71] IMPERIAL CHEMICAL INDUSTRIES PLC, GB<br/>[85] 1999-11-09<br/>[86] 1998-07-10 (PCT/GB98/02026)<br/>[87] 1999-01-21 (WO99/02480)<br/>[30] GB (9714540.3) 1997-07-11</p> | <p style="text-align: right;">[21] <b>2,289,480</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C07C 67/343 7C07C 57/04 7C07C 51/353 7C07C 69/54 7C07C 67/58</b><br/>[25] EN<br/>[54] <b>TREATMENT OF FORMALDEHYDE-CONTAINING MIXTURES</b><br/>[54] <b>TRAITEMENT DE MELANGES CONTENANT DU FORMALDEHYDE</b><br/>[72] HARRISON, STEPHEN PATRICK, GB<br/>[72] PARTEN, WILLIAM DAVID, GB<br/>[72] MARTIN, JOHN STUART, GB<br/>[71] IMPERIAL CHEMICAL INDUSTRIES PLC, GB<br/>[85] 1999-11-09<br/>[86] 1998-07-10 (PCT/GB98/02026)<br/>[87] 1999-01-21 (WO99/02480)<br/>[30] GB (9714540.3) 1997-07-11</p> |

## PCT Applications Entering the National Phase

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|---|---|---|
| <p style="text-align: right;">[21] <b>2,289,483</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H04L 12/56 7H04Q 11/04</b><br/>[25] EN<br/>[54] <b>METHOD AND DEVICE FOR CONTROLLING BIT RATE CONFORMITY OF DATA CELLS</b><br/>[54] <b>PROCEDE ET DISPOSITIF DE CONTROLE DE LA CONFORMITE DU DEBIT DES CELLULES DE DONNEES</b><br/>[72] RABADAN, CHRISTOPHE, FR<br/>[72] KLAY, FRANCIS, FR<br/>[71] FRANCE TELECOM SA, FR<br/>[85] 1999-11-10<br/>[86] 1999-03-04 (PCT/FR99/00495)<br/>[87] 1999-09-16 (WO99/46901)<br/>[30] FR (98/03274) 1998-03-12</p>                                     | <p style="text-align: right;">[21] <b>2,289,486</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B67D 5/56</b><br/>[25] EN<br/>[54] <b>DUAL-CHAMBER CANISTER FOR PRODUCING DILUTED READY-TO-USE SOLUTIONS WITH ANTI-CONFUSION PROTECTION</b><br/>[54] <b>RECIPIENT A DEUX CHAMBRES AVEC SECURITE ANTI-INTERVERSION POUR LA PRODUCTION DE SOLUTIONS PRETES A L'EMPLOI DILUEES</b><br/>[72] SCHEURL, ROBERT, DE<br/>[72] COSTER, THOMAS, DE<br/>[72] COPELAND, JIM, US<br/>[72] PRUEHS, HORST, DE<br/>[72] CARLHOFF, GEROLD, DE<br/>[72] MUENCH, STEPHAN, US<br/>[71] HENKEL-ECOLAB GMBH &amp; CO. OHG, DE<br/>[85] 1999-11-10<br/>[86] 1998-05-09 (PCT/EP98/02723)<br/>[87] 1998-11-26 (WO98/52864)<br/>[30] DE (197 20 955.6) 1997-05-17</p> | <p style="text-align: right;">[21] <b>2,289,488</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H04B 1/66</b><br/>[25] EN<br/>[54] <b>HIGH-PERFORMANCE DIGITAL SIGNAL AVERAGER</b><br/>[54] <b>MOYENNEUR DE SIGNAUX NUMERIQUES HAUTE PERFORMANCE</b><br/>[72] BINGHAM, RUSSELL D., US<br/>[72] GEDCKE, DALE A., US<br/>[72] PECK, JEFFREY V., US<br/>[71] EG &amp; G INSTRUMENTS, INC., US<br/>[85] 1999-11-10<br/>[86] 1998-05-29 (PCT/US98/10937)<br/>[87] 1998-12-03 (WO98/54847)<br/>[30] US (60/048,311) 1997-05-30<br/>[30] US (09/072,388) 1998-05-04</p>  |
| <p style="text-align: right;">[21] <b>2,289,484</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C08F 279/02</b><br/>[25] EN<br/>[54] <b>IN SITU PROCESS FOR MAKING A BIMODAL HIPS HAVING BOTH HIGH GLOSS AND HIGH IMPACT STRENGTH</b><br/>[54] <b>PROCEDE DE FABRICATION IN SITU DE POLYSTYRENE BIMODAL A HAUTE RESILIENCE ET BRILLANCE ELEVEE</b><br/>[72] HANNER, MICHAEL J., US<br/>[72] BOWEN, KENNETH E., US<br/>[71] CHEVRON CHEMICAL COMPANY LLC, US<br/>[85] 1999-11-12<br/>[86] 1998-03-31 (PCT/US98/06416)<br/>[87] 1998-11-26 (WO98/52985)<br/>[30] US (08/862,223) 1997-05-23</p> | <p style="text-align: right;">[21] <b>2,289,487</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61B 17/34</b><br/>[25] EN<br/>[54] <b>INTRAMUSCULAR STIMULATION THERAPY FACILITATING DEVICE AND METHOD</b><br/>[54] <b>DISPOSITIF ET METHODE PERMETTANT DE FACILITER LE TRAITEMENT PAR STIMULATION INTRAMUSCULAIRE</b><br/>[72] CHU, M. D. JENNIFER, US<br/>[72] YAN, ZHEN GUO, CN<br/>[71] CHU, M. D. JENNIFER, US<br/>[85] 1999-11-12<br/>[86] 1998-05-12 (PCT/US98/09592)<br/>[87] 1998-11-19 (WO98/51225)<br/>[30] US (08/856,064) 1997-05-14</p>  | <p style="text-align: right;">[21] <b>2,289,489</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A21D 2/00</b><br/>[25] EN<br/>[54] <b>MILLED CEREAL BY-PRODUCT WHICH IS AN ADDITIVE FOR FLOUR AND DOUGH</b><br/>[54] <b>SOUS-PRODUIT CEREALIER BROYE CONSTITUANT UN ADDITIF POUR LA FARINE ET LA PATE</b><br/>[72] XENIDES, CAROL J., US<br/>[72] BURIANEK, MARK D., US<br/>[72] SHEEHAN, STEVEN T., US<br/>[72] DELRUE, RITA M., US<br/>[72] VALLE, SERGIO, US<br/>[71] CARGILL, INCORPORATED, US<br/>[85] 1999-11-15<br/>[86] 1998-05-12 (PCT/US98/09620)<br/>[87] 1998-11-19 (WO98/51158)<br/>[30] US (857,770) 1997-05-15</p> |
| <p style="text-align: right;">[21] <b>2,289,485</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C22B 3/18 7B01J 8/00 7B01J 19/30</b><br/>[25] EN<br/>[54] <b>SULFIDE MINERAL CONCENTRATE BIOLEACHING</b><br/>[54] <b>LIXIVIATION BIOLOGIQUE DE CONCENTRES MINERAUX SULFURES</b><br/>[72] YOUNG, TOM L., US<br/>[72] KARLAGE, KELLY L., US<br/>[72] STUFFLE, KEVIN L., US<br/>[72] SHARP, JAMES E. (DECEASED), US<br/>[71] MBX SYSTEMS, INC., US<br/>[85] 1999-11-10<br/>[86] 1998-05-15 (PCT/US98/09936)<br/>[87] 1998-11-19 (WO98/51828)<br/>[30] US (60/046,639) 1997-05-16</p>             |   |   |

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|--|---|---|
| <p style="text-align: right;">[21] <b>2,289,490</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 38/31</b><br/>[25] EN<br/>[54] <b>METHOD AND COMPOSITIONS FOR TREATING HYPERLIPIDEMIA AND OTHER CONDITIONS</b><br/>[54] <b>PROCEDE ET COMPOSITIONS POUR TRAITER L'HYPERLIPIDEMIE ET D'AUTRES ETATS PATHOLOGIQUES</b><br/>[72] LIU, YONG-LING, GB<br/>[72] SENNITT, MATTHEW V., GB<br/>[72] CAWTHORNE, MICHAEL ANTHONY, GB<br/>[71] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES S.A. (, FR<br/>[85] 1999-11-10<br/>[86] 1998-05-13 (PCT/EP98/02998)<br/>[87] 1998-11-19 (WO98/51330)<br/>[30] US (08/855,311) 1997-05-13</p> | <p style="text-align: right;">[21] <b>2,289,492</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C07D 219/06 7A61K 31/435</b><br/>[25] EN<br/>[54] <b>SYNTHESIS OF ACRIDINE DERIVATIVE MULTIDRUG-RESISTANT INHIBITORS</b><br/>[54] <b>SYNTHESE D'INHIBITEURS RESISTANT A DE MULTIPLES MEDICAMENTS, DERIVES DE L'ACRIDINE</b><br/>[72] SHARP, MATHEW JUDE, US<br/>[72] MADER, CATHERINE J., US<br/>[72] STRACHAN, CALUM, GB<br/>[71] GLAXO GROUP LIMITED, GB<br/>[85] 1999-10-29<br/>[86] 1998-05-22 (PCT/EP98/02991)<br/>[87] 1998-11-26 (WO98/52923)<br/>[30] GB (9710612.4) 1997-05-23</p> | <p style="text-align: right;">[21] <b>2,289,494</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B01D 63/02 7C09D 11/00 7B01D 69/08 7B01D 69/12 7B41J 2/175 7B01D 71/26 7B01D 71/54</b><br/>[25] EN<br/>[54] <b>INK DEAERATING HOLLOW YARN MEMBRANE, INK DEAERATING METHOD, INK DEAERATING APPARATUS, INK CARTRIDGE MANUFACTURING METHOD, AND INK</b><br/>[54] <b>MEMBRANE A FIBRES CREUSES PERMETTANT DE DESAERER L'ENCRE, PROCEDE ET DISPOSITIF DE DESAERATION DE L'ENCRE, PROCEDE DE FABRICATION DE CARTOUCHE D'ENCRE, ET ENCRE</b><br/>[72] KOBAYASHI, MASUMI, JP<br/>[72] TAKEDA, SATOSHI, JP<br/>[72] WATARI, KENJI, JP<br/>[72] HAYASHI, SEIJI, JP<br/>[72] FUKUSHIMA, NORIAKI, JP<br/>[72] UCHIDA, MAKOTO, JP<br/>[72] UENISHI, MASAMOTO, JP<br/>[71] MITSUBISHI RAYON CO., LTD., JP<br/>[85] 1999-10-29<br/>[86] 1998-04-30 (PCT/JP98/01965)<br/>[87] 1998-11-05 (WO98/48926)<br/>[30] JP (9-112561) 1997-04-30<br/>[30] JP (10-29032) 1998-01-28</p> |
| <p style="text-align: right;">[21] <b>2,289,491</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/86 7C12M 3/00 7C12N 5/16</b><br/>[25] EN<br/>[54] <b>RETROVIRAL VECTOR PARTICLES PRODUCED IN A BACULOVIRUS EXPRESSION SYSTEM</b><br/>[54] <b>PARTICULES DE VECTEUR DE RETROVIRUS PRODUITES DANS UN SYSTEME D'EXPRESSION DE BACULOVIRUS</b><br/>[72] JONES, IAN MARTIN, GB<br/>[72] KINGSMAN, ALAN JOHN, GB<br/>[71] OXFORD BIOMEDICA (UK) LIMITED, GB<br/>[85] 1999-11-10<br/>[86] 1998-06-04 (PCT/GB98/01626)<br/>[87] 1998-12-10 (WO98/55640)<br/>[30] GB (9711578.6) 1997-06-04</p>   | <p style="text-align: right;">[21] <b>2,289,493</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61F 5/00</b><br/>[25] EN<br/>[54] <b>METHOD AND APPARATUS FOR PREFABRICATED RETRACTING ELEVATED SCAPULOTHORACIC ORTHOSIS</b><br/>[54] <b>PROCEDE ET APPAREIL POUR UNE ORTHESE SCAPULOTHORACIQUE PREFABRIQUEE POUR RETRACTION OU ELEVATION</b><br/>[72] SCHWARTZ, L. MATTHEW, US<br/>[71] ALBERT EINSTEIN HEALTHCARE NETWORK, US<br/>[85] 1999-10-29<br/>[86] 1998-04-30 (PCT/US98/08795)<br/>[87] 1998-11-05 (WO98/48742)<br/>[30] US (08/847,170) 1997-04-30</p>                          | <p style="text-align: right;">[21] <b>2,289,495</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7E01C 7/08 7E01C 7/18 7E01C 7/30</b><br/>[25] EN<br/>[54] <b>MIXTURE FOR FLEXIBLE PAVEMENT USABLE AT ORDINARY TEMPERATURE</b><br/>[54] <b>COMPOSITION DESTINE A DES PAVES FLEXIBLES UTILISABLE A UNE TEMPERATURE ORDINAIRE</b><br/>[72] SATOU, MITSUHIRO, JP<br/>[72] SAITOU, MAKOTO, JP<br/>[72] SEKINE, KUNIO, JP<br/>[72] OKADA, KIYOSHI, JP<br/>[72] ITOU, AKIRA, JP<br/>[72] KURIHARA, FUMIO, JP<br/>[72] MARUSHIMA, TAKAKAZU, JP<br/>[72] SUZUKI, TOORU, JP<br/>[72] OUKI, HIDEKI, JP<br/>[71] NICHIREKI CO., LTD., JP<br/>[85] 1999-10-29<br/>[86] 1999-03-17 (PCT/JP99/01329)<br/>[87] 1999-09-23 (WO99/47753)<br/>[30] JP (10/88215) 1998-03-18<br/>[30] JP (10/88217) 1998-03-18</p>   |

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[21] **2,289,496**  
[13] A1

[51] **Int.Cl. 7A61M 37/00**  
[25] EN  
[54] **VALVE PORT ASSEMBLY WITH INTERLOCK**  
[54] **SYSTEME D'ORIFICES DE SOUPE A INTERVERROUILLAGE**  
[72] BURBANK, JEFFREY H., US  
[72] BRUGGER, JAMES M., US  
[71] VASCA, INC., US  
[85] 1999-11-10  
[86] 1998-05-14 (PCT/US98/09527)  
[87] 1998-11-19 (WO98/51368)  
[30] US (08/857,386) 1997-05-15

[21] **2,289,497**  
[13] A1

[51] **Int.Cl. 7C07D 207/267**  
[25] EN  
[54] **A PROCESS FOR THE PRODUCTION OF N-METHYL PYRROLIDONE**  
[54] **PROCEDE DE FABRICATION DE N-METHYL-PYRROLIDONE**  
[72] BERTOLA, ALDO, IT  
[71] PANTOCHIM S.A., BE  
[85] 1999-11-10  
[86] 1999-04-02 (PCT/EP99/02296)  
[87] 1999-10-21 (WO99/52867)  
[30] BE (9800274) 1998-04-09

[21] **2,289,498**  
[13] A1

[51] **Int.Cl. 7A23L 1/10**  
[25] EN  
[54] **MILLED CEREAL BY-PRODUCT WHICH IS AN ADDITIVE FOR INCREASING TOTAL DIETARY FIBER**  
[54] **SOUS-PRODUIT CEREALIER MOULU CONSTITUANT UN ADDITIF PERMETTANT D'ACCROITRE LA QUANTITE TOTALE DE FIBRES ALIMENTAIRES**  
[72] DELRUE, RITA M., US  
[72] XENIDES, CAROL J., US  
[72] BURIANEK, MARK D., US  
[72] VALLE, SERGIO, US  
[72] SHEEHAN, STEVE T., US  
[71] CARGILL, INCORPORATED, US  
[85] 1999-11-15  
[86] 1998-05-15 (PCT/US98/09913)  
[87] 1998-11-19 (WO98/51165)  
[30] US (857,770) 1997-05-15

[21] **2,289,499**  
[13] A1

[51] **Int.Cl. 7A61K 38/31**  
[25] EN  
[54] **SOMATOSTATIN AND SOMATOSTATIN AGONISTS FOR TREATING INSULIN INSENSITIVITY AND SYNDROME X**  
[54] **SOMATOSTATINE ET AGONISTES DE SOMATOSTATINE POUR TRAITER L'INSENSIBILITE A L'INSULINE ET LE SYNDROME X**  
[72] CAWTHORNE, MICHAEL ANTHONY, GB  
[72] LIU, YONG-LING, GB  
[72] SENNITT, MATTHEW V., GB  
[71] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES S.A. (, FR  
[85] 1999-11-10  
[86] 1998-05-13 (PCT/EP98/03000)  
[87] 1998-11-19 (WO98/51332)  
[30] US (08/854,943) 1997-05-13

[21] **2,289,500**  
[13] A1

[51] **Int.Cl. 7G02B 6/293 7G02B 6/124**  
[25] EN  
[54] **POLYMERIC PHASED ARRAY**  
[54] **ANTENNE RESEAU POLYMERE A COMMANDE DE PHASE**  
[72] HOEKSTRA, TSJERK HANS, NL  
[71] AKZO NOBEL N.V., NL  
[85] 1999-11-12  
[86] 1998-01-29 (PCT/EP98/00544)  
[87] 1998-09-11 (WO98/39676)  
[30] NL (97200614.2) 1997-03-03  
[30] US (60/042,345) 1997-03-24

[21] **2,289,501**  
[13] A1

[51] **Int.Cl. 7H03H 11/50 7H03B 5/20**  
[25] EN  
[54] **GYRATOR**  
[54] **GYRATEUR**  
[72] BROWN, ANTHONY KEVIN DALE, CA  
[71] NORTHERN TELECOM LIMITED, CA  
[85] 1999-11-10  
[86] 1999-03-25 (PCT/CA99/00255)  
[87] 1999-10-21 (WO99/53614)  
[30] US (09/056,711) 1998-04-08  
[30] US (09/244,823) 1999-02-04

[21] **2,289,502**  
[13] A1

[51] **Int.Cl. 7H01M 12/06 7H01M 2/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR JOINING METAL-AIR CELLS**  
[54] **PROCEDE ET APPAREIL DE RACCORDEMENT D'ELEMENTS METAL-AIR**  
[72] PEDICINI, CHRISTOPHER S., US  
[72] WITZIGREUTER, JOHN D., US  
[71] AER ENERGY RESOURCES, INC., US  
[85] 1999-11-12  
[86] 1998-05-19 (PCT/US98/10126)  
[87] 1998-11-26 (WO98/53517)  
[30] US (08/858,582) 1997-05-19

[21] **2,289,503**  
[13] A1

[51] **Int.Cl. 7B01J 23/89 7C07C 69/01 7C07C 67/055**  
[25] EN  
[54] **VINYL ACETATE CATALYST COMPRISING PALLADIUM AND GOLD DEPOSITED ON A COPPER CONTAINING CARRIER**  
[54] **CATALYSEUR SERVANT A PREPARER ACETATE DE VINYLE ET COMPRENANT PALLADIUM ET DE L'OR DEPOSE SUR UN SUPPORT CONTENANT DU CUIVRE**  
[72] AGUILO, ADOLFO, US  
[72] COLLING, PHILIP M., US  
[72] NICOLAU, IOAN, US  
[71] CELANESE INTERNATIONAL CORPORATION, US  
[85] 1999-11-16  
[86] 1998-05-15 (PCT/US98/09939)  
[87] 1998-12-10 (WO98/55225)  
[30] US (08/867,911) 1997-06-03

[21] **2,289,504**  
[13] A1

[51] **Int.Cl. 7H04N 7/15**  
[25] EN  
[54] **DYNAMIC SELECTION OF MEDIA STREAMS FOR DISPLAY**  
[54] **SELECTION DYNAMIQUE DE FLUX DE MEDIAS EN VUE DE LEUR AFFICHAGE**  
[72] PRETTY, RUSSELL W., CA  
[72] SMITH, KEITH M., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[85] 1999-11-10  
[86] 1998-03-11 (PCT/CA98/00198)  
[87] 1998-12-10 (WO98/56177)  
[30] US (08/867,624) 1997-06-02

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| <p style="text-align: right;">[21] <b>2,289,505</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 7/06</b><br/>[25] EN<br/>[54] <b>COMPOSITION FOR TREATING HAIR</b><br/>[54] <b>COMPOSITION POUR TRAITEMENT CAPILLAIRE</b><br/>[72] NGUYEN, NGHI, US<br/>[72] CANNELL, DAVID, US<br/>[71] L'ORÉAL S.A., FR<br/>[85] 1999-11-12<br/>[86] 1997-10-27 (PCT/US97/19338)<br/>[87] 1998-11-19 (WO98/51265)<br/>[30] US (08/857,530) 1997-05-16</p>  | <p style="text-align: right;">[21] <b>2,289,508</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H04M 3/50 7H04M 3/36</b><br/>[25] EN<br/>[54] <b>METHOD AND SYSTEM FOR MONITORING CALL CENTER SERVICE REPRESENTATIVES</b><br/>[54] <b>PROCEDE ET SYSTEME POUR SURVEILLER LES REPRESENTANTS DU SERVICE D'UNE CENTRALE TELEPHONIQUE</b><br/>[72] MALONEY, MICHAEL J., US<br/>[72] McCALMONT, DAVID T., US<br/>[72] VIZARD, PAUL A., US<br/>[72] PATTISON, JON A., US<br/>[71] TEKNEKRON INFOSWITCH CORPORATION, US<br/>[85] 1999-11-12<br/>[86] 1998-05-08 (PCT/US98/09455)<br/>[87] 1998-11-19 (WO98/52341)<br/>[30] US (08/854,435) 1997-05-12<br/>[30] US (08/854,819) 1997-05-12</p> | <p style="text-align: right;">[21] <b>2,289,510</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C08G 18/40 7C08K 5/00 7C09D 175/04 7C08K 5/3435 7C08K 5/3472</b><br/>[25] EN<br/>[54] <b>COATING AGENT, METHOD FOR ITS PRODUCTION AND ITS USE AS COATING LACQUER OR TRANSPARENT LACQUER, IN PARTICULAR FOR COATING PLASTICS</b><br/>[54] <b>AGENT DE REVETEMENT, SON PROCEDE DE FABRICATION ET SON UTILISATION COMME VERNIS DE SURFACE OU VERNIS CLAIR, EN PARTICULIER POUR LE REVETEMENT DE MATIERES PLASTIQUES</b><br/>[72] VAN ENDE, PATRICK, NL<br/>[72] HINTZE-BRUNING, HORST, DE<br/>[71] BASF COATINGS AG, DE<br/>[85] 1999-11-16<br/>[86] 1998-06-02 (PCT/EP98/03285)<br/>[87] 1998-12-10 (WO98/55526)<br/>[30] DE (197 23 504.2) 1997-06-05</p> |
| <p style="text-align: right;">[21] <b>2,289,506</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A01B 73/02 7A01B 73/00</b><br/>[25] EN<br/>[54] <b>FOLDING FRAME IMPLEMENT</b><br/>[54] <b>MACHINE A CHASSIS PLIANT</b><br/>[72] FRIGGSTAD, TERRENCE, CA<br/>[71] FLEXI-COIL LTD., CA<br/>[85] 1999-11-15<br/>[86] 1998-05-21 (PCT/CA98/00486)<br/>[87] 1998-11-26 (WO98/52402)<br/>[30] CA (2,205,456) 1997-05-21</p>  | <p style="text-align: right;">[21] <b>2,289,509</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C07D 495/04 7A61K 31/505</b><br/>[25] EN<br/>[54] <b>NOVEL COMPOUNDS</b><br/>[54] <b>NOUVEAUX COMPOSES</b><br/>[72] PERRY, MATTHEW, GB<br/>[72] THORNE, PHILIP, GB<br/>[72] FURBER, MARK, GB<br/>[72] COOKE, ANDREW, GB<br/>[72] CHESHIRE, DAVID, GB<br/>[72] COOPER, MARTIN, GB<br/>[72] DONALD, DAVID, GB<br/>[71] ASTRA PHARMACEUTICALS LTD., GB<br/>[85] 1999-11-16<br/>[86] 1998-05-18 (PCT/SE98/00935)<br/>[87] 1998-12-03 (WO98/54190)<br/>[30] SE (9702001-0) 1997-05-28</p>   | <p style="text-align: right;">[21] <b>2,289,511</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H04B 10/155 7H04B 1/62</b><br/>[25] EN<br/>[54] <b>EXTERNAL OPTICAL MODULATION SYSTEM COMPRISING A PREDISTORTER</b><br/>[54] <b>SYSTEME DE MODULATION OPTIQUE EXTERNE COMPRENANT UN CIRCUIT DE PRE-DISTORSION</b><br/>[72] NOTARGIACOMO, MASSIMO, IT<br/>[72] GOBETTI, GIANLUCA, IT<br/>[72] MUSSINO, FRANCO, IT<br/>[72] ZAMMARCHI, CLAUDIO, IT<br/>[72] RAVASIO, GIUSEPPE, IT<br/>[71] PIRELLI CAVI E SISTEMI S.P.A., IT<br/>[85] 1999-11-12<br/>[86] 1998-05-08 (PCT/EP98/02696)<br/>[87] 1998-11-19 (WO98/52304)<br/>[30] IT (MI97A001097) 1997-05-12<br/>[30] US (60/050,061) 1997-06-13</p>  |
| <p style="text-align: right;">[21] <b>2,289,507</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/15</b><br/>[25] EN<br/>[54] <b>A METHOD FOR ASSEMBLING BODY FITTING COMPOUND SANITARY NAPKIN</b><br/>[54] <b>PROCEDE D'ASSEMBLAGE D'UNE SERVIETTE HYGIENIQUE COMPOSITE S'ADAPTANT AU CORPS</b><br/>[72] OYENUGA, CHARLES OLUBUNMI, JP<br/>[72] CHATTERJEE, ASHISH, JP<br/>[72] SEKI, SHINICHIRO, JP<br/>[72] OETJEN, DAVID CHRISTOPHER, US<br/>[72] MACHIDA, KENICHIRO, JP<br/>[72] McFALL, RONALD RAY, US<br/>[72] BURNS, JOHN GLASGOW JR., JP<br/>[72] HAN, SOCKCHONG, JP<br/>[71] THE PROCTER &amp; GAMBLE COMPANY, US<br/>[85] 1999-09-22<br/>[86] 1998-03-25 (PCT/IB98/00444)<br/>[87] 1998-10-08 (WO98/43570)<br/>[30] WO (PCT/US97/05250) 1997-03-31<br/>[30] WO (PCT/US97/05251) 1997-03-31</p> |  |  |

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[21] **2,289,512**  
[13] A1

[51] **Int.Cl. 7C07D 285/06 7C07D 417/04 7C07D 417/12 7A01N 43/90**  
[25] EN  
[54] **1,2,3-THIADIAZOLE DERIVATIVES, PLANT DISEASE CONTROLLING AGENT, AND METHOD FOR USE THEREOF**  
[54] **DERIVES DE 1,2,3-THIADIAZOLE, AGENT REGULANT LES MALADIES DES VEGETAUX ET PROCEDE D'UTILISATION DE CES DERIVES**  
[72] SHIMAOKA, TAKASHI, JP  
[72] NISHIDA, TATEKI, JP  
[72] BABA, KOJI, JP  
[72] TAKAGI, KAZUHIRO, JP  
[72] TAJIMA, SOHKICHI, JP  
[72] TSUBATA, KENJI, JP  
[71] NIHON NOHYAKU CO., LTD., JP  
[85] 1999-11-16  
[86] 1998-05-27 (PCT/JP98/02330)  
[87] 1998-12-03 (WO98/54163)  
[30] JP (9/154418) 1997-05-28  
[30] JP (9/187646) 1997-06-28

[21] **2,289,513**  
[13] A1

[51] **Int.Cl. 7B65D 83/16**  
[25] EN  
[54] **TOTAL RELEASE ACTUATOR FOR AN AEROSOL CAN**  
[54] **ACTIONNEUR DESTINE A UNE BOMBE AEROSOL ET PERMETTANT LA LIBERATION TOTALE DE SON CONTENU**  
[72] DEMAREST, SCOTT W., US  
[71] S. C. JOHNSON & SON, INC., US  
[85] 1999-11-12  
[86] 1998-05-11 (PCT/US98/09534)  
[87] 1998-11-19 (WO98/51588)  
[30] US (08/854,313) 1997-05-12

[21] **2,289,514**  
[13] A1

[51] **Int.Cl. 7H04B 7/185**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SECTOR-BASED ROUTING**  
[54] **SYSTEME ET PROCEDE D'ACHEMINEMENT PAR SECTEUR**  
[72] LONG, CRAIG, US  
[72] WORGER, WILLIAM R., US  
[71] MOTOROLA, INC., US  
[85] 1999-11-12  
[86] 1999-03-22 (PCT/US99/06305)  
[87] 1999-10-07 (WO99/50976)  
[30] US (09/049,533) 1998-03-27

[21] **2,289,515**  
[13] A1

[51] **Int.Cl. 7H04Q 3/00 7H04M 3/36**  
[25] EN  
[54] **SIMULATOR FOR SIMULATING AN INTELLIGENT NETWORK**  
[54] **SIMULATEUR SERVANT A SIMULER UN RESEAU INTELLIGENT**  
[72] TRINKEL, MARIAN, DE  
[72] FISCHER, HANS DIETER, DE  
[72] STELTNER, FRANK, DE  
[72] KROGER, BERTHOLD, DE  
[72] REICH, FRITZ-JURGEN, DE  
[71] DEUTSCHE TELEKOM AG, DE  
[85] 1999-11-16  
[86] 1999-02-23 (PCT/EP99/01141)  
[87] 1999-09-23 (WO99/48306)  
[30] DE (198 11 097.9) 1998-03-16

[21] **2,289,516**  
[13] A1

[51] **Int.Cl. 7E02F 3/36**  
[25] EN  
[54] **DEVICE FOR DETACHABLE COUPLING OF AN IMPLEMENT TO THE OPERATING ARM OF AN EXCAVATOR**  
[54] **DISPOSITIF DE COUPLAGE AMOVIBLE D'UN OUTIL AU BRAS DE COMMANDE D'UNE EXCAVATRICE**  
[72] BLOMGREN, STIG, SE  
[71] ACCIMA AB, SE  
[85] 1999-11-12  
[86] 1998-05-13 (PCT/SE98/00881)  
[87] 1998-11-26 (WO98/53152)  
[30] SE (9701887-3) 1997-05-21

[21] **2,289,517**  
[13] A1

[51] **Int.Cl. 7C07C 311/46 7C07D 231/14 7C07D 207/16 7C07D 261/18 7C07D 207/34 7C07D 263/34 7A61K 31/40 7A61K 31/415 7A61K 31/42 7A61K 31/425 7C07D 277/56 7C07D 211/60 7C07D 233/90**  
[25] EN  
[54] **NOVEL SULFONAMIDE DERIVATIVES**  
[54] **NOUVEAUX DERIVES SULFONAMIDES**  
[72] MOROHASHI, HIROHISA, JP  
[72] SATO, HIROSHI, JP  
[71] NIPPON KAYAKU KABUSHIKI KAISHA, JP  
[85] 1999-11-16  
[86] 1998-05-29 (PCT/JP98/02372)  
[87] 1998-12-03 (WO98/54131)  
[30] JP (9-156156) 1997-05-30

[21] **2,289,518**  
[13] A1

[51] **Int.Cl. 7A61B 17/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR DEVELOPING AN ANATOMIC SPACE FOR LAPAROSCOPIC PROCEDURES**  
[54] **DISPOSITIF ET PROCEDE SERVANT A CREER UN ESPACE ANATOMIQUE POUR DES INTERVENTIONS ENDOSCOPIQUES**  
[72] ROBINSON, JANINE C., US  
[72] JERVIS, JAMES E., US  
[72] ECHEVERRY, JAN M., US  
[72] FERNANDEZ, LUIS M., US  
[72] TANAKA, SHIGERU, US  
[72] VOSS, LAVEILLE K., US  
[71] GENERAL SURGICAL INNOVATIONS, INC., US  
[85] 1999-11-09  
[86] 1998-05-05 (PCT/US98/09188)  
[87] 1998-11-19 (WO98/51222)  
[30] US (08/857,193) 1997-05-15

[21] **2,289,520**  
[13] A1

[51] **Int.Cl. 7C05F 17/02**  
[25] EN  
[54] **A FERMENTER FOR FERMENTING ANIMAL MANURE UNDER AEROBIC CONDITIONS, A DEVICE AND A METHOD FOR FERMENTING ANIMAL MANURE UNDER AEROBIC CONDITIONS, USING SUCH A FERMENTER**  
[54] **FERMENTEUR POUR FERMENTER DE L'ENGRAIS ORGANIQUE DANS DES CONDITIONS AEROBIES, DISPOSITIF ET PROCEDE METTANT EN OEUVRE LEDIT FERMENTEUR POUR FERMENTER DE L'ENGRAIS ORGANIQUE DANS DES CONDITIONS AEROBIES**  
[72] JACOBS, JOHANNES JOSEPH, NL  
[71] ELCRO BEHEER B.V., NL  
[85] 1999-11-09  
[86] 1998-05-12 (PCT/NL98/00264)  
[87] 1998-11-19 (WO98/51644)  
[30] NL (1006072) 1997-05-16

## Demandes PCT entrant en phase nationale

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| <p style="text-align: right;">[21] <b>2,289,521</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G01T 1/04</b><br/>[25] EN<br/>[54] <b>DOSIMETER DEVICE INCLUDING BODY LOCATOR INDICIA</b><br/>[54] <b>DISPOSITIF A DOSIMETRE COMPRENANT DES REPERES D'EMPLACEMENT CORPOREL</b><br/>[72] YODER, R. CRAIG, US<br/>[72] GREANEY, ROBERT M., US<br/>[71] LANDAUER, INC., US<br/>[85] 1999-11-16<br/>[86] 1998-06-19 (PCT/US98/12625)<br/>[87] 1999-01-07 (WO99/00677)<br/>[30] US (60/051,028) 1997-06-27<br/>[30] US (60/051,171) 1997-06-27</p>  | <p style="text-align: right;">[21] <b>2,289,524</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C07J 7/00 7C07J 51/00 7A61K 31/57</b><br/>[25] EN<br/>[54] <b>17.BETA.-ALLYLOXY(THIO)ALKYL-ANDROSTANE DERIVATIVES FOR THE MODULATION OF MEIOSIS</b><br/>[54] <b>DERIVES DE 17.BETA.-ALLYLOXY(THIO)ALKYL-ANDROSTANE DESTINES A UNE MODULATION DE MEIOSE</b><br/>[72] LEEMHUIS, JOHANNES ANTONIUS JOSEPH, NL<br/>[72] VAN DER LOUW, JAAP, NL<br/>[72] GROEN, MARINUS BERNARD, NL<br/>[71] AKZO NOBEL N.V., NL<br/>[85] 1999-11-16<br/>[86] 1998-05-28 (PCT/EP98/03191)<br/>[87] 1998-12-10 (WO98/55498)<br/>[30] EP (97201691.9) 1997-06-04</p>   | <p style="text-align: right;">[21] <b>2,289,526</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G03B 42/00 7G01T 1/04</b><br/>[25] EN<br/>[54] <b>DOSIMETER DEVICE AND METHOD OF PRODUCING SAME</b><br/>[54] <b>DISPOSITIF DOSIMETRIQUE ET PROCEDE DE FABRICATION</b><br/>[72] SCHWEITZER, DAVID, US<br/>[72] WHEELER, ROBERT, US<br/>[72] BANTLY, MATTHEW, US<br/>[71] LANDAUER, INC., US<br/>[85] 1999-11-16<br/>[86] 1998-06-19 (PCT/US98/12626)<br/>[87] 1999-01-07 (WO99/00702)<br/>[30] US (60/051,028) 1997-06-27<br/>[30] US (60/051,171) 1997-06-27</p> |
| <p style="text-align: right;">[21] <b>2,289,522</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/70</b><br/>[25] EN<br/>[54] <b>USE OF OLIGOSACCHARIDE FOR PREVENTING BLOOD CLOTTING IN EXTRACORPOREAL BLOOD CIRCUITS</b><br/>[54] <b>UTILISATION D'UN OLIGOSACCHARIDE POUR EMPECHER LA COAGULATION DU SANG DANS LES CIRCUITS SANGUINS EXTRA-CORPORELS</b><br/>[72] STIEKEMA, JACOBUS CHRISTIANUS JOHANNES, NL<br/>[72] HERBERT, JEAN MARC, FR<br/>[71] AKZO NOBEL N.V., NL<br/>[71] SANOFI, FR<br/>[85] 1999-11-12<br/>[86] 1998-05-22 (PCT/EP98/03174)<br/>[87] 1998-12-03 (WO98/53829)<br/>[30] EP (97201586.1) 1997-05-27</p> | <p style="text-align: right;">[21] <b>2,289,525</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B60R 21/18 7D03D 1/02 7D03D 3/02</b><br/>[25] EN<br/>[54] <b>SEATBELT SYSTEM HAVING SEAMLESS INFLATABLE MEMBER</b><br/>[54] <b>SYSTEME DE CEINTURE DE SECURITE A ELEMENT GONFLABLE SANS COUTURE</b><br/>[72] CROSS, S. JAY, US<br/>[72] WALTHALL, WILLIAM LEWIS, US<br/>[72] BUSGEN, ALEXANDER, DE<br/>[72] ROEMKE, LOWELL WILLIAM, US<br/>[72] MORRIS, EDWARD LEE JR., US<br/>[71] THE B.F. GOODRICH COMPANY, US<br/>[85] 1999-11-12<br/>[86] 1998-05-11 (PCT/US98/09659)<br/>[87] 1998-11-19 (WO98/51542)<br/>[30] DE (19719218.1) 1997-05-11<br/>[30] DE (19813630.7) 1998-03-26</p> | <p style="text-align: right;">[21] <b>2,289,527</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C11D 1/66 7C11D 3/43 7C11D 1/44 7C11D 1/72</b><br/>[25] EN<br/>[54] <b>CLEANING COMPOSITION AND METHOD OF USE</b><br/>[54] <b>COMPOSITION DE NETTOYAGE ET SON PROCEDE D'UTILISATION</b><br/>[72] LIU, AUGUSTINE, US<br/>[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US<br/>[85] 1999-11-16<br/>[86] 1997-10-10 (PCT/US97/18353)<br/>[87] 1998-12-03 (WO98/54277)<br/>[30] US (08/864149) 1997-05-28</p>   |
| <p style="text-align: right;">[21] <b>2,289,523</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B27N 3/14</b><br/>[25] EN<br/>[54] <b>DEVICE FOR SPREADING AND DISTRIBUTING PARTICLES ON A MATERIAL WEB</b><br/>[54] <b>DISPOSITIF POUR ETALER ET REPARTIR DES PARTICULES SUR UNE BANDE DE MATERIAU</b><br/>[72] NILSSON, LARS, SE<br/>[72] GUSTAVSSON, LENNART, SE<br/>[71] SUNDS DEFIBRATOR INDUSTRIES AB, SE<br/>[85] 1999-11-16<br/>[86] 1998-02-18 (PCT/SE98/00317)<br/>[87] 1998-08-27 (WO98/36884)<br/>[30] SE (9700675-3) 1997-02-24<br/>[30] SE (9703135-5) 1997-08-29</p>  | <p style="text-align: right;">[21] <b>2,289,528</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B65D 85/10</b><br/>[25] EN<br/>[54] <b>PACK FOR SMOKING ARTICLES</b><br/>[54] <b>EMBALLAGE POUR ARTICLES A FUMER</b><br/>[72] LUTON, COLIN DENNIS, GB<br/>[72] JAMES, ANTHONY GEORGE, GB<br/>[72] TAYLOR, RODNEY GEORGE, GB<br/>[71] IMPERIAL TOBACCO LIMITED, GB<br/>[85] 1999-11-02<br/>[86] 1998-05-01 (PCT/GB98/01283)<br/>[87] 1998-11-12 (WO98/50288)<br/>[30] GB (9709020.3) 1997-05-03</p>  |  |



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[21] **2,289,529**  
[13] A1

[51] **Int.Cl. 7H04K 1/10 7H04L 27/28**  
[25] EN  
[54] **IMPROVED METHOD FOR PARTIALLY MODULATING AND DEMODULATING DATA IN A MULTI-CARRIER TRANSMISSION SYSTEM**  
[54] **PROCEDE AMELIORE DE MODULATION ET DEMODULATION PARTIELLES DE DONNEES DANS UN SYSTEME DE TRANSMISSION A PORTEUSES MULTIPLES**  
[72] TZANNES, MICHAEL, US  
[72] HELLER, PETER N., US  
[72] SANDBERG, STUART D., US  
[71] AWARE, INC., US  
[85] 1999-11-16  
[86] 1997-05-17 (PCT/US97/08209)  
[87] 1998-11-26 (WO98/53572)

[21] **2,289,532**  
[13] A1

[51] **Int.Cl. 7G01L 17/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TYRE PRESSURE DETERMINATION**  
[54] **PROCEDE ET APPAREIL POUR DETERMINER LA PRESSION DE GONFLAGE DES PNEUS**  
[72] SMITH, PAUL, GB  
[72] STOLLERY, DAVID, GB  
[72] CLIFTON, JASON MARK, GB  
[72] JONES, BARBARA LYNN, GB  
[71] SNAP-ON EQUIPMENT LIMITED, GB  
[85] 1999-11-16  
[86] 1998-05-15 (PCT/GB98/01301)  
[87] 1998-11-26 (WO98/53289)  
[30] GB (9709962.6) 1997-05-17

[21] **2,289,536**  
[13] A1

[51] **Int.Cl. 7H01J 61/04 7H01J 65/04**  
[25] EN  
[54] **DISCHARGE LAMP WITH DIELECTRICALLY IMPEDED ELECTRODES**  
[54] **LAMPE A DECHARGE AVEC ELECTRODES INHIBEES DIELECTRIQUEMENT**  
[72] HITZSCHKE, LOTHAR, DE  
[72] VOLLKOMMER, FRANK, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[85] 1999-11-16  
[86] 1999-03-02 (PCT/DE99/00543)  
[87] 1999-09-23 (WO99/48134)  
[30] DE (198 11 520.2) 1998-03-17

[21] **2,289,530**  
[13] A1

[51] **Int.Cl. 7C08G 18/76 7C07C 265/14 7C08J 9/14**  
[25] EN  
[54] **ISOCYANATE COMPOSITIONS FOR BLOWN POLYURETHANE FOAMS**  
[54] **COMPOSITIONS D'ISOCYANATE POUR DES MOUSSES DE POLYURETHANE SOUFFLEES**  
[72] BURNS, STEVEN, US  
[72] SINGH, SACHCHIDA NAND, US  
[71] HUNTSMAN ICI CHEMICALS LLC, US  
[85] 1999-11-16  
[86] 1998-06-02 (PCT/EP98/03276)  
[87] 1998-12-17 (WO98/56847)  
[30] US (60/050,952) 1997-06-13  
[30] US (60/050,906) 1997-06-13

[21] **2,289,535**  
[13] A1

[51] **Int.Cl. 7C08F 246/00 7C07C 245/08 7C09K 19/38 7C07C 255/65**  
[25] EN  
[54] **HOMOPOLYMERS WITH HIGH PHOTOINDUCEABLE DOUBLE REFRACTION**  
[54] **HOMOPOLYMERES A BIREFRINGENCE PHOTOINDUCTIBLE ELEVEE**  
[72] VEDDER, HANS-JOACHIM, DE  
[72] NEIGL, RALF, DE  
[72] BERNETH, HORST, DE  
[72] KOSTROMINE, SERGUEI, DE  
[72] CLAUSSEN, UWE, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 1999-11-12  
[86] 1998-05-04 (PCT/EP98/02618)  
[87] 1998-11-19 (WO98/51721)  
[30] DE (197 20 288.8) 1997-05-15

[21] **2,289,537**  
[13] A1

[51] **Int.Cl. 7H03C 1/60 7H03D 1/00**  
[25] EN  
[54] **SINGLE SIDE-BAND MODULATION SYSTEM FOR USE IN DIGITALLY IMPLEMENTED MULTICARRIER TRANSMISSION SYSTEMS**  
[54] **SYSTEME DE MODULATION A BANDE LATERALE UNIQUE S'UTILISANT DANS DES SYSTEMES DE TRANSMISSION A PORTEUSES MULTIPLES A IMPLEMENTATION NUMERIQUE**  
[72] TZANNES, MICHAEL, US  
[72] SANDBERG, STUART D., US  
[71] AWARE, INC., US  
[85] 1999-11-16  
[86] 1997-05-17 (PCT/US97/08549)  
[87] 1998-11-26 (WO98/53552)

[21] **2,289,531**  
[13] A1

[51] **Int.Cl. 7A61K 31/40 7A61K 31/35**  
[25] EN  
[54] **COMPOSITION AND METHODS FOR TREATING ALZHEIMER'S DISEASE AND OTHER AMYLOIDOSES**  
[54] **COMPOSITION ET PROCEDES DE TRAITEMENT DE LA MALADIE D'ALZHEIMER ET AUTRES AMYLOIDOSES**  
[72] CASTILLO, GERARDO, US  
[72] SNOW, ALAN D., US  
[71] UNIVERSITY OF WASHINGTON, US  
[85] 1999-11-12  
[86] 1998-05-15 (PCT/US98/10239)  
[87] 1998-11-19 (WO98/51302)  
[30] US (60/046,602) 1997-05-15

[21] **2,289,538**  
[13] A1

[51] **Int.Cl. 7H01P 7/08 7H03B 5/18**  
[25] EN  
[54] **ORTHOGONALLY MOUNTED SUBSTRATE BASED RESONATOR**  
[54] **RESONNATEUR SUR SUBSTRAT MONTE ORTHOGONALEMENT**  
[72] KISER, JOSEPH H., US  
[71] VARI-L COMPANY, INC., US  
[85] 1999-11-16  
[86] 1998-06-09 (PCT/US98/11832)  
[87] 1998-12-17 (WO98/57387)  
[30] US (60/049,191) 1997-06-11

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[21] **2,289,539**  
[13] A1

[51] **Int.Cl. 7E21B 41/02 7C23F 11/16 7C07D 233/42**  
[25] EN  
[54] **LOW TOXICITY CORROSION INHIBITOR**  
[54] **INHIBITEUR DE CORROSION PRESENTANT UNE TOXICITE LIMITEE**  
[72] PRINCE, PHILIPPE, US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 1999-11-12  
[86] 1998-05-06 (PCT/US98/09225)  
[87] 1998-11-19 (WO98/51902)  
[30] US (60/046,382) 1997-05-13

[21] **2,289,540**  
[13] A1

[51] **Int.Cl. 7C08F 297/08 7C08F 10/00 7C08F 110/00 7C08F 210/00 7C10M 143/02 7C10M 143/04**  
[25] EN  
[54] **POLYOLEFIN BLOCK COPOLYMER VISCOSITY MODIFIER**  
[54] **COPOLYMER SEQUENCE POLYOLEFINIQUE AGISSANT EN TANT QU'AGENT DE MODIFICATION DE LA VISCOSITE**  
[72] DAVIS, WILLIAM MYERS, US  
[72] RANGARAJAN, PRATIMA, US  
[72] VERSTRATE, GARY WILLIAM, US  
[72] COZEWITH, CHARLES, US  
[72] PACANSKY, THOMAS JOHN, US  
[71] EXXON CHEMICAL PATENTS, INC., US  
[85] 1999-11-16  
[86] 1998-06-12 (PCT/US98/12343)  
[87] 1998-12-30 (WO98/58978)  
[30] US (881,171) 1997-06-24

[21] **2,289,541**  
[13] A1

[51] **Int.Cl. 7C07C 271/22 7C07C 333/04 7C07D 339/06 7C07D 209/08 7C07D 339/08 7C07D 261/18 7C07D 213/30 7A61K 31/325 7C07C 271/34 7A61K 31/44**  
[25] EN  
[54] **ANTIPICORNAVIRAL COMPOUNDS, COMPOSITIONS CONTAINING THEM, AND METHODS FOR THEIR USE**  
[54] **COMPOSES ANTI-PICORNAVIRUS, COMPOSITIONS CONTENANT CES COMPOSES ET LEURS PROCEDES D'UTILISATION**  
[72] ZHOU, RU, US  
[72] PRINS, THOMAS J., US  
[72] DRAGOVICH, PETER S., US  
[71] AGOURON PHARMACEUTICALS, INC., US  
[85] 1999-11-12  
[86] 1998-03-26 (PCT/US98/06018)  
[87] 1998-10-08 (WO98/43950)  
[30] US (08/825,331) 1997-03-28  
[30] US (60/046,204) 1997-05-12  
[30] US (08/991,282) 1997-12-16

[21] **2,289,542**  
[13] A1

[51] **Int.Cl. 7C07D 491/147 7A61K 31/415**  
[25] EN  
[54] **FUSED DIHYDROPYRANS**  
[54] **DIHYDROPYRANNES FONDUS**  
[72] SENN-BILFINGER, JORG, DE  
[71] BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH, DE  
[85] 1999-11-16  
[86] 1998-05-23 (PCT/EP98/03057)  
[87] 1998-12-03 (WO98/54188)  
[30] EP (97108574.1) 1997-05-28

[21] **2,289,543**  
[13] A1

[51] **Int.Cl. 7B65D 81/32**  
[25] EN  
[54] **DUAL-COMPONENT CONTAINER SYSTEM**  
[54] **SYSTEME DE RECIPIENT A DEUX CONSTITUANTS**  
[72] VAN SWIETEN, ROY, NL  
[72] KELDERS, JOHANNES HUBERTUS JOZEF MARIA, NL  
[71] RC DEVELOPMENT AG, CH  
[85] 1999-11-12  
[86] 1998-05-12 (PCT/CH98/00195)  
[87] 1998-11-19 (WO98/51586)  
[30] NL (1006064) 1997-05-15

[21] **2,289,544**  
[13] A1

[51] **Int.Cl. 7D06L 1/16 7C11D 1/72 7C11D 1/825 7C11D 1/835 7C11D 1/86**  
[25] EN  
[54] **METHODS OF CLEANING SOILED FABRICS**  
[54] **PROCEDE DE NETTOYAGE DE TISSUS TACHES**  
[72] BLACK, ROBERT H., US  
[71] BLACK, ROBERT H., US  
[85] 1999-11-16  
[86] 1998-05-20 (PCT/US98/10274)  
[87] 1998-12-03 (WO98/54394)  
[30] US (60/047,815) 1997-05-28

[21] **2,289,545**  
[13] A1

[51] **Int.Cl. 7C07D 333/20**  
[25] EN  
[54] **NEW INTERMEDIATES AND PROCESS FOR THE PREPARATION THEREOF**  
[54] **NOUVEAUX PRODUITS INTERMEDIAIRES ET PROCEDE DE PREPARATION DE CES PRODUITS**  
[72] MAKOVI, ZOLTAN, HU  
[72] JOBB, PIROSKA, HU  
[72] CSATARINÉ NAGY, MARIANNA, HU  
[72] MOLNAR, LEVENTÉNÉ, HU  
[72] BAKONYI, MARIA, HU  
[72] BAI, TIBORNÉ, HU  
[71] SANOFI-SYNTHELABO, FR  
[85] 1999-11-12  
[86] 1998-05-11 (PCT/HU98/00047)  
[87] 1998-11-19 (WO98/51681)  
[30] HU (P 97 00884) 1997-05-13

[21] **2,289,547**  
[13] A1

[51] **Int.Cl. 7E21B 37/00 7B08B 7/02 7E21B 37/06**  
[25] EN  
[54] **CONDUIT CLEANING MATERIAL AND PROCESS**  
[54] **MATERIAU ET PROCEDE DE RECURAGE POUR TUBES**  
[72] JOHNSON, ASHLEY BERNARD, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[71] JOHNSON, ASHLEY BERNARD, US  
[85] 1999-11-12  
[86] 1998-04-28 (PCT/GB98/01229)  
[87] 1998-11-19 (WO98/51901)  
[30] GB (9709635.8) 1997-05-14

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| <p style="text-align: right;">[21] <b>2,289,548</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 38/10 7A61K 38/16</b><br/>[25] EN<br/>[54] <b>METHOD FOR PREVENTING GASTRITIS USING AMYLIN OR AMYLIN AGONISTS</b><br/>[54] <b>PROCEDES DE PREVENTION DE LA GASTRITE AU MOYEN D'AMYLINE OU D'AGONISTES D'AMYLINE</b><br/>[72] GEDULIN, BRONISLAVA, US<br/>[72] BEYNON, GARETH WYN, US<br/>[72] YOUNG, ANDREW A., US<br/>[71] AMYLIN PHARMACEUTICALS, INC., US<br/>[85] 1999-11-02<br/>[86] 1998-05-06 (PCT/US98/09089)<br/>[87] 1998-11-12 (WO98/50059)<br/>[30] US (08/851,965) 1997-05-06</p> | <p style="text-align: right;">[21] <b>2,289,550</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 38/47 7A61K 38/40</b><br/>[25] EN<br/>[54] <b>PHARMACEUTICAL ANTIVIRAL COMPOSITION COMPRISING GLYCYRRHIZIC ACID AND AT LEAST ONE PROTEIN ENDOWED WITH ANTIVIRAL ACTIVITY</b><br/>[54] <b>COMPOSITION ANTIVIRALE PHARMACEUTIQUE COMPRENANT DE L'ACIDE GLYCYRRHIZIQUE ET AU MOINS UNE PROTEINE PRESENTANT UNE ACTIVITE ANTIVIRALE</b><br/>[72] POMPEI, RAFFAELLO, IT<br/>[72] PINZA, MARIO, IT<br/>[71] AZIENDE CHIMICHE RIUNITE ANGELINI FRANCESCO A.C.R.A.F. S.P.A., IT<br/>[85] 1999-11-12<br/>[86] 1998-05-06 (PCT/EP98/02797)<br/>[87] 1998-11-19 (WO98/51334)<br/>[30] IT (MI97A001119) 1997-05-14</p> | <p style="text-align: right;">[21] <b>2,289,552</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C07D 211/46 7C07D 401/12 7C09D 7/12 7C08K 5/3435 7C08K 5/3492 7C07D 211/48</b><br/>[25] EN<br/>[54] <b>LIGHT-STABILIZED ORGANIC POLYMERS</b><br/>[54] <b>POLYMERES ORGANIQUES RENDUS STABLES A LA LUMIERE</b><br/>[72] NERI, CARLO, IT<br/>[72] ADOVASIO, MAURO, IT<br/>[72] BROUSSARD, FABIO, IT<br/>[72] CRISCI, LUCIANA, IT<br/>[71] GREAT LAKES CHEMICAL (EUROPE) GMBH, CH<br/>[85] 1999-11-04<br/>[86] 1998-05-07 (PCT/EP98/02678)<br/>[87] 1998-11-12 (WO98/50360)<br/>[30] IT (MI97A001064) 1997-05-08</p>   |
| <p style="text-align: right;">[21] <b>2,289,549</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7E01F 9/00 7E01F 9/04</b><br/>[25] EN<br/>[54] <b>INCONSPICUOUS PAVEMENT MARKINGS AND METHOD FOR MAKING</b><br/>[54] <b>MARQUAGES DISCRETS POUR CHAUSSEE ET LEUR PROCEDE DE FABRICATION</b><br/>[72] NOWICKI, THOMAS E., US<br/>[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US<br/>[85] 1999-11-02<br/>[86] 1997-09-18 (PCT/US97/16542)<br/>[87] 1998-11-12 (WO98/50635)<br/>[30] US (08/852986) 1997-05-08</p>   | <p style="text-align: right;">[21] <b>2,289,551</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61B 8/02</b><br/>[25] EN<br/>[54] <b>METHOD AND APPARATUS FOR MONITORING THE PROGRESS OF LABOR</b><br/>[54] <b>PROCEDE ET DISPOSITIF SERVANT A CONTROLER L'EVOLUTION DU TRAVAIL PENDANT L'ACCOUCHEMENT</b><br/>[72] PALTIELI, YOAV, IL<br/>[71] ULTRAGUIDE LTD., IL<br/>[85] 1999-11-04<br/>[86] 1998-05-04 (PCT/IL98/00208)<br/>[87] 1998-11-12 (WO98/49942)<br/>[30] US (60/045,556) 1997-05-05</p>  | <p style="text-align: right;">[21] <b>2,289,553</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C12P 17/06 7C12P 7/42 7C12P 7/62</b><br/>[25] EN<br/>[54] <b>METABOLIC CONTROLLED FERMENTATION PROCEDURE FOR THE MANUFACTURE OF LOVASTATIN HYDROXY ACID</b><br/>[54] <b>PROCESSUS DE FERMENTATION METABOLIQUE CONTROLEE POUR LA PRODUCTION D'ACIDE HYDROXYLE DE LOVASTATINE</b><br/>[72] CSÉKE, LASZLO, HU<br/>[72] OLAH, ANTAL, HU<br/>[72] BALOGH, GABOR, HU<br/>[72] SERESS, PÉTER, HU<br/>[71] BIOGAL GYOGYSZERGYAR RT., HU<br/>[85] 1999-11-12<br/>[86] 1999-03-19 (PCT/HU99/00021)<br/>[87] 1999-09-30 (WO99/49072)<br/>[30] HU (P 98 00619) 1998-03-20</p> |
|   |   | <p style="text-align: right;">[21] <b>2,289,555</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61F 2/08</b><br/>[25] EN<br/>[54] <b>LOOP ATTACHMENT TO APERTURED DEVICE</b><br/>[54] <b>FIXATION DE BOUCLE SUR UN DISPOSITIF PERFORE</b><br/>[72] BRYANT, JULIAN, GB<br/>[71] NEOLIGAMENTS LIMITED, GB<br/>[85] 1999-11-12<br/>[86] 1999-03-08 (PCT/GB99/00591)<br/>[87] 1999-09-23 (WO99/47079)<br/>[30] GB (9805238.4) 1998-03-13<br/>[30] GB (9805598.1) 1998-03-18</p>  |

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| <p style="text-align: right;">[21] <b>2,289,556</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7E05B 49/00 7E05B 47/00 7E05B 65/00 7E05B 47/06</b></p> <p>[25] EN</p> <p>[54] <b>DRIVING DEVICE FOR LOCKING AND UNLOCKING A LOCK WITH CONDITIONAL OPENING</b></p> <p>[54] <b>DISPOSITIF D'ENTRAINEMENT PERMETTANT LE VERROUILLAGE ET LE DEVERROUILLAGE D'UNE SERRURE A OUVERTURE CONDITIONNELLE</b></p> <p>[72] JULLERAT, DENIS, CH</p> <p>[72] PELLATON, PIERRE, CH</p> <p>[71] ILCO-UNICAN S.A./RELHOR DIVISION, CH</p> <p>[85] 1999-11-16</p> <p>[86] 1998-05-29 (PCT/EP98/03206)</p> <p>[87] 1998-12-03 (WO98/54429)</p> <p>[30] EP (97108693.9) 1997-05-30</p>            | <p style="text-align: right;">[21] <b>2,289,560</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B01L 3/14 7B65D 21/02 7B65D 77/04 7B01L 9/06</b></p> <p>[25] EN</p> <p>[54] <b>CONTAINER</b></p> <p>[54] <b>RECEPTACLE</b></p> <p>[72] KIMLER, KIRK M., US</p> <p>[72] SAFAR, SCOTT G., US</p> <p>[72] HANAGAN, TED J., US</p> <p>[72] CLOONAN, KEVIN M., US</p> <p>[71] ABBOTT LABORATORIES, US</p> <p>[85] 1999-11-12</p> <p>[86] 1998-05-01 (PCT/US98/08418)</p> <p>[87] 1998-11-26 (WO98/52693)</p> <p>[30] US (08/859,955) 1997-05-21</p>   | <p style="text-align: right;">[21] <b>2,289,564</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/28 7C12N 5/10 7A61K 38/19 7C07K 14/525</b></p> <p>[25] EN</p> <p>[54] <b>PREPARATION OF GLYCOSYLATED TUMOR NECROSIS FACTOR</b></p> <p>[54] <b>PREPARATION D'UN FACTEUR DE NECROSE TUMORALE GLYCOSILE</b></p> <p>[72] HAREL, ADRIAN, US</p> <p>[72] MESSIKA, ZIVA, US</p> <p>[71] INTERPHARM LABORATORIES LTD., IL</p> <p>[85] 1999-11-12</p> <p>[86] 1998-06-01 (PCT/IL98/00254)</p> <p>[87] 1998-12-10 (WO98/55622)</p> <p>[30] IL (120979) 1997-06-02</p> |
| <p style="text-align: right;">[21] <b>2,289,558</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H05K 1/03 7H05K 3/00</b></p> <p>[25] EN</p> <p>[54] <b>RIGID/FLEX PRINTED CIRCUIT BOARD USING ANGLED PREPREG</b></p> <p>[54] <b>CARTE DE CIRCUITS IMPRIMES FLEXO-RIGIDE UTILISANT UN PREIMPREGNE ANGULAIRE</b></p> <p>[72] JEAN, SANDRA L., US</p> <p>[72] MILLETTE, LEE J., US</p> <p>[72] LARMOUTH, ROBERT S., US</p> <p>[72] KEATING, JAMES E., US</p> <p>[72] CARON, ROLAND A., US</p> <p>[71] TELEDYNE INDUSTRIES, INC., US</p> <p>[85] 1999-11-16</p> <p>[86] 1998-06-01 (PCT/US98/11093)</p> <p>[87] 1998-12-03 (WO98/54936)</p> <p>[30] US (08/865,888) 1997-05-30</p> | <p style="text-align: right;">[21] <b>2,289,561</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C02F 1/78</b></p> <p>[25] FR</p> <p>[54] <b>INSTALLATION DE PRODUCTION D'EAU OZONEE</b></p> <p>[54] <b>INSTALLATION FOR PRODUCING OZONIZED WATER</b></p> <p>[72] PEAN, JEAN-LOUIS, FR</p> <p>[72] GAMMAL, BORIS, FR</p> <p>[71] L' AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉD, FR</p> <p>[85] 1999-10-29</p> <p>[86] 1998-04-24 (PCT/FR98/00823)</p> <p>[87] 1998-12-23 (WO98/57896)</p> <p>[30] FR (97/07506) 1997-06-17</p>  | <p style="text-align: right;">[21] <b>2,289,565</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G09F 9/00 7H05K 9/00 7G02B 1/10 7H01J 5/16 7H01J 7/16 7G02B 5/28</b></p> <p>[25] EN</p> <p>[54] <b>OPTICAL FILTER FOR DISPLAY PANEL</b></p> <p>[54] <b>FILTRE OPTIQUE POUR ECRAN D'AFFICHAGE</b></p> <p>[72] SATO, HIROKI, JP</p> <p>[71] FUJITSU GENERAL LIMITED, JP</p> <p>[85] 1999-11-12</p> <p>[86] 1997-10-02 (PCT/JP97/03533)</p> <p>[87] 1998-11-26 (WO98/53439)</p> <p>[30] JP (9/129355) 1997-05-20</p> <p>[30] JP (9/129356) 1997-05-20</p>              |
| <p style="text-align: right;">[21] <b>2,289,559</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61F 2/44</b></p> <p>[25] FR</p> <p>[54] <b>IMPLANT NOTAMMENT POUR LE REMPLACEMENT D'UN CORPS VERTEBRAL EN CHIRURGIE DU RACHIS</b></p> <p>[54] <b>IMPLANT IN PARTICULAR FOR REPLACING A BODY OF VERTEBRAE IN BACKBONE SURGERY</b></p> <p>[72] CROZET, YVES, FR</p> <p>[72] MANGIONE, PAOLO, FR</p> <p>[71] STRYKER FRANCE S.A., FR</p> <p>[85] 1999-10-29</p> <p>[86] 1998-04-30 (PCT/FR98/00879)</p> <p>[87] 1998-11-12 (WO98/49975)</p> <p>[30] FR (97 05465) 1997-05-02</p>   | <p style="text-align: right;">[21] <b>2,289,563</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7E04B 2/88 7E04F 13/08 7E06B 3/54</b></p> <p>[25] FR</p> <p>[54] <b>DISPOSITIF DE FIXATION POUR PLAQUES, EN PARTICULIER DES PLAQUES DE VERRE</b></p> <p>[54] <b>DEVICE FOR FIXING PLATES, IN PARTICULAR GLASS PLATES</b></p> <p>[72] DIRISAMER, WOLFGANG, DE</p> <p>[72] BURMEISTER, ALBRECHT, DE</p> <p>[72] ECKELT, CHRISTIAN, DE</p> <p>[72] LEOPOLDSEDER, ROLAND, DE</p> <p>[71] SAINT-GOBAIN VITRAGE, FR</p> <p>[85] 1999-11-03</p> <p>[86] 1999-03-04 (PCT/FR99/00487)</p> <p>[87] 1999-09-10 (WO99/45217)</p> <p>[30] DE (198 09 617.8) 1998-03-06</p> | <p style="text-align: right;">[21] <b>2,289,566</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/50 7C12Q 1/06 7G01N 15/12</b></p> <p>[25] FR</p> <p>[54] <b>PROCEDE DE NUMERATION DE CELLULES VIABLES</b></p> <p>[54] <b>METHOD FOR COUNTING VIABLE CELLS</b></p> <p>[72] LEVESQUE, PASCALINE, FR</p> <p>[72] DROCOURT, JEAN-LOUIS, FR</p> <p>[71] CHEMUNEX, FR</p> <p>[85] 1999-11-03</p> <p>[86] 1998-05-20 (PCT/FR98/01019)</p> <p>[87] 1998-12-10 (WO98/55861)</p> <p>[30] FR (97/06890) 1997-06-04</p>   |

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[21] **2,289,567**

[13] A1

[51] **Int.Cl. 7C08L 23/08 7C08L 23/20**  
[25] EN  
[54] **BLENDS OF ETHYLENE-VINYL ACETATE COPOLYMERS AND ETHYLENE-VINYL ACETATE-CARBON MONOXIDE TERPOLYMERS**  
[54] **MELANGES DE COPOLYMERES ETHYLENE-ACETATE DE VINYLE ET DE TERPOLYMERES ETHYLENE-ACETATE DE VINYLE-MONOXYDE DE CARBONE**  
[72] ARHART, RICHARD JAMES, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1999-11-05  
[86] 1998-06-12 (PCT/US98/12360)  
[87] 1998-12-23 (WO98/58019)  
[30] US (60/049,724) 1997-06-17  
[30] US (09/095,810) 1998-06-11

[21] **2,289,568**

[13] A1

[51] **Int.Cl. 7F02B 75/04 7F01L 1/348**  
[25] FR  
[54] **DISPOSITIF PERMETTANT DE FAIRE VARIER LA CYLINDREE ET/OU LE RAPPORT VOLUMETRIQUE EFFECTIFS D'UN MOTEUR A PISTONS PENDANT SON FONCTIONNEMENT**  
[54] **DEVICE FOR VARYING A PISTON ENGINE EFFECTIVE VOLUMETRIC DISPLACEMENT AND/OR VOLUMETRIC RATIO OF DURING ITS OPERATION**  
[72] RABHI, VIANNEY, FR  
[71] RABHI, VIANNEY, FR  
[85] 1999-11-05  
[86] 1998-05-07 (PCT/FR98/00918)  
[87] 1998-11-19 (WO98/51911)  
[30] FR (97/05943) 1997-05-09  
[30] FR (98/04601) 1998-04-07

[21] **2,289,569**

[13] A1

[51] **Int.Cl. 7E04H 4/14**  
[25] FR  
[54] **DISPOSITIF IMMERGE POUR PISCINE**  
[54] **IMMERSED DEVICE FOR SWIMMING POOL**  
[72] MENIERE, JÉRÔME, FR  
[71] POSEIDON, FR  
[85] 1999-11-08  
[86] 1997-05-15 (PCT/FR97/00864)  
[87] 1998-11-19 (WO98/51887)

[21] **2,289,570**

[13] A1

[51] **Int.Cl. 7C07D 451/14 7A61K 31/46**  
[25] EN  
[54] **9-AZABICYCLO(3.3.1)NON-2-ENE AND NONANE DERIVATIVES AS CHOLINERGIC LIGANDS AT NICOTINIC ACH RECEPTORS**  
[54] **DERIVES DE 9-AZABICYCLO(3.3.1)NON-2-ENE ET NONANE UTILISES COMME LIGANDS CHOLINERGIQUES DE RECEPTEURS NICOTINIQUES DE L'ACH.**  
[72] NIELSEN, ELSEBET OSTERGAARD, DK  
[72] NIELSEN, SIMON FELDBAEK, DK  
[72] PETERS, DAN, SE  
[72] OLSEN, GUNNAR M., DK  
[71] NEUROSEARCH A/S, DK  
[85] 1999-11-05  
[86] 1998-05-29 (PCT/DK98/00224)  
[87] 1998-12-03 (WO98/54182)  
[30] DK (0628/97) 1997-05-30

[21] **2,289,571**

[13] A1

[51] **Int.Cl. 7A61B 17/70**  
[25] FR  
[54] **IMPLANT POUR DISPOSITIF D'OSTEOSYNTHESE, DU TYPE A CROCHET**  
[54] **IMPLANT FOR OSTEOSYNTHESIS DEVICE WITH HOOK**  
[72] ALBY, ALBERT, FR  
[71] SCIENT'X, FR  
[85] 1999-11-09  
[86] 1998-05-15 (PCT/FR98/00979)  
[87] 1998-11-26 (WO98/52483)  
[30] FR (97/06027) 1997-05-16

[21] **2,289,572**

[13] A1

[51] **Int.Cl. 7C07D 243/08 7C07D 401/04 7C07D 405/12 7A61K 31/55**  
[25] EN  
[54] **NOVEL HEXAHYDRO-1,4-DIAZEPINE DERIVATIVES OR SALTS THEREOF**  
[54] **DERIVES OU SELS DE HEXAHYDRO-1,4-DIAZEPINE**  
[72] FUNATSU, MASASHI, JP  
[72] MATSUMOTO, YUZO, JP  
[72] KAWASAKI, TOMIHISA, JP  
[72] KOSHIO, HIROYUKI, JP  
[72] ISHIHARA, TSUKASA, JP  
[72] HIRAYAMA, FUKUSHI, JP  
[71] YAMANOUCHI PHARMACEUTICAL CO., LTD., JP  
[85] 1999-11-12  
[86] 1998-07-22 (PCT/JP98/03267)  
[87] 1999-02-04 (WO99/05124)  
[30] JP (9-197587) 1997-07-23

[21] **2,289,573**

[13] A1

[51] **Int.Cl. 7C07D 403/12 7C07D 249/14 7C07D 403/14 7A61K 31/41**  
[25] FR  
[54] **N-TRIAZOLYL-2-INDOLECARBOXAMIDES ET LEUR UTILISATION COMME AGONISTES DE CCK-A**  
[54] **N-TRIAZOLYL-2-INDOLECARBOXAMIDES AND THEIR USE AS CCK-A AGONISTS**  
[72] FREHEL, DANIEL, FR  
[72] DESPEYROUX, PIERRE, FR  
[72] BRAS, JEAN PIERRE, FR  
[72] DE COINTET, PAUL, FR  
[72] BIGNON, ERIC, FR  
[72] GULLY, DANIELLE, FR  
[71] SANOFI-SYNTHELABO, FR  
[85] 1999-11-09  
[86] 1998-05-06 (PCT/FR98/00905)  
[87] 1998-11-19 (WO98/51686)  
[30] FR (97/05850) 1997-05-13

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[21] **2,289,574**  
[13] A1

[51] **Int.Cl. 7C07D 451/02 7A61K 31/46**  
[25] EN  
[54] **8-AZABICYCLO(3,2,1)OCT-2-ENE AND OCTANE DERIVATIVES AS CHOLINERGIC LIGANDS AT NICOTINIC ACH RECEPTORS**  
[54] **DERIVES DE 8-AZABICYCLO-3.2.1]OCT-2-ENE ET -OCTANE UTILISES COMME LIGANDS CHOLINERGIQUES DE RECEPTEURS NICOTINIQUES DE L'ACH**  
[72] OLSEN, GUNNAR M., DK  
[72] PETERS, DAN, SE  
[72] NIELSEN, ELSEBET OSTERGAARD, DK  
[72] NIELSEN, SIMON FELDBAEK, DK  
[71] NEUROSEARCH A/S, DK  
[85] 1999-11-05  
[86] 1998-05-29 (PCT/DK98/00225)  
[87] 1998-12-03 (WO98/54181)  
[30] DK (0627/97) 1997-05-30  
[30] DK (1502/97) 1997-12-19  
[30] DK (0408/98) 1998-03-24  
[30] DK (0534/98) 1998-04-16

[21] **2,289,575**  
[13] A1

[51] **Int.Cl. 7B32B 27/08**  
[25] EN  
[54] **MULTILAYER FLUOROPOLYMER FILMS WITH IMPROVED ADHESION**  
[54] **FILMS EN FLUOROPOLYMERE MULTICOUCHE A ADHESION AMELIOREE**  
[72] TSAI, MINGLIANG LAWRENCE, US  
[71] ALLIEDSIGNAL INC., US  
[85] 1999-11-12  
[86] 1998-06-05 (PCT/US98/11823)  
[87] 1998-12-17 (WO98/56572)  
[30] US (60/049,822) 1997-06-11  
[30] US (09/089,510) 1998-06-03

[21] **2,289,576**  
[13] A1

[51] **Int.Cl. 7C07D 223/06 7C07D 225/02 7C07D 401/04**  
[25] EN  
[54] **AZACYCLOOCTANE AND HEPTANE DERIVATIVES, THEIR PREPARATION AND USE IN THERAPY**  
[54] **DERIVE D'AZACYCLOOCTANE ET D'HEPTANE, LEUR PREPARATION ET UTILISATION EN THERAPIE**  
[72] PETERS, DAN, SE  
[72] OLSEN, GUNNAR M., DK  
[72] NIELSEN, SIMON FELDBAEK, DK  
[72] NIELSEN, ELSEBET OSTERGAARD, DK  
[71] NEUROSEARCH A/S, DK  
[85] 1999-11-05  
[86] 1998-05-29 (PCT/DK98/00226)  
[87] 1998-12-03 (WO98/54152)  
[30] DK (0629/97) 1997-05-30

[21] **2,289,577**  
[13] A1

[51] **Int.Cl. 7H04L 12/56**  
[25] FR  
[54] **PROCEDE DE DISTRIBUTION D'UN MESSAGE DANS UN RESEAU**  
[54] **METHOD FOR DISTRIBUTING A MESSAGE IN A NETWORK**  
[72] PHAN, CAO THANH, FR  
[72] LAROQUE, CHRISTIAN, FR  
[71] ALCATEL, FR  
[85] 1999-11-09  
[86] 1999-03-08 (PCT/FR99/00513)  
[87] 1999-09-23 (WO99/48253)  
[30] FR (98/03190) 1998-03-16

[21] **2,289,578**  
[13] A1

[51] **Int.Cl. 7C07D 491/20 7C07D 453/02 7C07D 487/10 7C07D 495/20 7C07D 497/20 7A61K 31/40 7A61K 31/44**  
[25] EN  
[54] **SPIRO-QUINUCLIDINE DERIVATIVES, THEIR PREPARATION AND USE**  
[54] **DERIVES DE SPIRO-QUINUCLIDINE, LEUR PREPARATION ET UTILISATION**  
[72] OLSEN, GUNNAR M., DK  
[72] NIELSEN, SIMON FELDBAEK, DK  
[72] NIELSEN, ELSEBET OSTERGAARD, DK  
[72] PETERS, DAN, SE  
[71] NEUROSEARCH A/S, DK  
[85] 1999-11-05  
[86] 1998-05-29 (PCT/DK98/00227)  
[87] 1998-12-03 (WO98/54189)  
[30] DK (0626/97) 1997-05-30

[21] **2,289,579**  
[13] A1

[51] **Int.Cl. 7A61K 7/48 7A61K 7/06**  
[25] FR  
[54] **UTILISATION D'UN TENSIO-ACTIF SILICONE DU TYPE ALKYLDIMETHICONE COPOLYOL POUR LA PREPARATION D'EMULSIONS COSMETIQUES SOLIDES EAU-DANS-HUILE ET EMULSIONS SOLIDES EAU-DANS-HUILE AINSI OBTENUES**  
[54] **USE OF A SILICONE SURFACTANT OF ALKYL-DIMETHICONE COPOLYOL TYPE FOR PREPARING SOLID WATER-IN-OIL COSMETIC EMULSIONS AND RESULTING SOLID WATER-IN-OIL EMULSIONS**  
[72] FAVRE, SOPHIE, FR  
[72] ROUX, MARIE-MARTINE, FR  
[72] TERREN, NADIA, FR  
[71] L'OREAL, FR  
[85] 1999-11-09  
[86] 1999-03-17 (PCT/FR99/00609)  
[87] 1999-09-23 (WO99/47111)  
[30] FR (98/03250) 1998-03-17

[21] **2,289,580**  
[13] A1

[51] **Int.Cl. 7G01N 25/18 7G01N 33/28**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MEASURING QUENCHANT PROPERTIES OF COOLANTS**  
[54] **PROCEDE ET APPAREIL DE MESURE DES PROPRIETES DE MILIEU TREMPANT DE REFRIGERANTS**  
[72] BOURGEOIS, THIERRY, CA  
[72] CARON, YVES, CA  
[72] GENDRON, ANDRE, CA  
[72] LANGLAIS, JOSEPH, CA  
[71] ALCAN INTERNATIONAL LIMITED, CA  
[85] 1999-11-05  
[86] 1998-05-08 (PCT/CA98/00450)  
[87] 1998-11-19 (WO98/52026)  
[30] US (08/854,104) 1997-05-09

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[21] **2,289,581**  
[13] A1  
[51] **Int.Cl. 7A47C 1/12 7A47C 7/72**  
[25] FR  
[54] **RANGEE DE SIEGES EQUIPES DE MOYENS DE PASSAGE DE CABLES OU CONDUITS**  
[54] **ROW OF SEATS PROVIDED WITH CABLE OR DUCT GUIDING MEANS**  
[72] CHATAIGNIER, BERNARD, FR  
[72] BUJON, DANIEL, FR  
[71] CHATAIGNIER, BERNARD, FR  
[71] BUJON, DANIEL, FR  
[85] 1999-11-09  
[86] 1997-05-09 (PCT/FR97/00832)  
[87] 1997-11-20 (WO97/42858)  
[30] FR (96/05792) 1996-05-09

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[21] **2,289,582**  
[13] A1  
[51] **Int.Cl. 7E01F 15/04 7E01F 9/018**  
[25] EN  
[54] **BREAKAWAY SUPPORT POST FOR HIGHWAY GUARDRAIL END TREATMENTS**  
[54] **POTEAU DE SUPPORT A MECANISME DE RUPTURE POUR EXTREMITES DE RAIL DE GLISSIERE DE SECURITE D'AUTOROUTE**  
[72] ALBRITTON, JAMES R., US  
[71] EXODYNE TECHNOLOGIES, INC., US  
[85] 1999-11-05  
[86] 1998-05-07 (PCT/US98/09029)  
[87] 1998-11-12 (WO98/50637)  
[30] US (60/046,015) 1997-05-09

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[21] **2,289,583**  
[13] A1  
[51] **Int.Cl. 7G09F 3/10 7G09F 3/02**  
[25] EN  
[54] **LABELS FOR CONTAINERS**  
[54] **ETIQUETTES POUR RECIPIENTS**  
[72] DE WERRA, MARIE-CHRISTINE, CH  
[72] GEREMIA, SEBASTIEN, CH  
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN  
[85] 1999-11-05  
[86] 1998-05-08 (PCT/GB98/01329)  
[87] 1998-11-12 (WO98/50902)  
[30] GB (9709385.0) 1997-05-08

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[21] **2,289,585**  
[13] A1  
[51] **Int.Cl. 7A61K 51/04 7C07H 19/06**  
[25] EN  
[54] **NOVEL IMAGING AGENTS AND METHODS FOR THE PREPARATION AND USE THEREOF**  
[54] **NOUVEAUX AGENTS D'IMAGERIE, LEURS PROCEDES DE PREPARATION ET D'UTILISATION**  
[72] ALAUDDIN, MIAN M., US  
[72] CONTI, PETER S., US  
[72] FISSEKIS, JOHN D., US  
[71] UNIVERSITY ADVANCED BIO-IMAGING ASSOCIATES, US  
[85] 1999-11-05  
[86] 1999-03-05 (PCT/US99/04935)  
[87] 1999-09-10 (WO99/44646)  
[30] US (09/036,352) 1998-03-06

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[21] **2,289,586**  
[13] A1  
[51] **Int.Cl. 7C08G 18/69 7C08F 283/00**  
[25] FR  
[54] **COMPOSITIONS STABLES AU STOCKAGE PERMETTANT D'OBTENIR DES REVETEMENTS ELASTOMERES**  
[54] **STORAGE STABLE COMPOSITIONS FOR OBTAINING ELASTOMER COATINGS**  
[72] FLAT, JEAN-JACQUES, FR  
[71] ELF ATOCHEM S.A., FR  
[85] 1999-11-10  
[86] 1999-03-10 (PCT/FR99/00534)  
[87] 1999-09-16 (WO99/46312)  
[30] FR (98/03039) 1998-03-12

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[21] **2,289,587**  
[13] A1  
[51] **Int.Cl. 7C04B 24/00 7C04B 28/02 7E04F 15/12**  
[25] FR  
[54] **BETON AUTONIVELANT ET PROCEDE DE FABRICATION D'UNE PIECE DE CONSTRUCTION**  
[54] **SELF-LEVELLING CONCRETE AND METHOD FOR MAKING A STRUCTURAL PART**  
[72] LEVY, CHRISTOPHE, FR  
[72] GARCIA, RÉMY, FR  
[71] LAFARGE, FR  
[85] 1999-11-10  
[86] 1998-05-11 (PCT/FR98/00939)  
[87] 1998-11-19 (WO98/51638)  
[30] FR (97/05781) 1997-05-12  
[30] FR (97/10094) 1997-08-06

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[21] **2,289,588**  
[13] A1  
[51] **Int.Cl. 7A61F 5/058**  
[25] EN  
[54] **ORAL ANCHORAGE**  
[54] **ANCORAGE INTRABUCCAL**  
[72] CAMPBELL, DUNCAN FRASER, GB  
[71] ZYGOMATICS LIMITED, GB  
[85] 1999-11-05  
[86] 1998-05-11 (PCT/GB98/01342)  
[87] 1998-11-19 (WO98/51242)  
[30] GB (9709298.5) 1997-05-09

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[21] **2,289,589**  
[13] A1  
[51] **Int.Cl. 7B65D 41/04**  
[25] FR  
[54] **CAPSULE METALLIQUE DE BOUCHAGE A INSERT PLASTIQUE**  
[54] **SEALING METAL CAP WITH PLASTIC INSERT**  
[72] PEYRIN, YVES, FR  
[72] GRANGER, JACQUES, FR  
[71] PECHINEY EMBALLAGE ALIMENTAIRE, FR  
[85] 1999-11-10  
[86] 1998-05-04 (PCT/FR98/00893)  
[87] 1998-11-19 (WO98/51581)  
[30] FR (97/06009) 1997-05-12

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[21] **2,289,590**  
[13] A1  
[51] **Int.Cl. 7E02D 5/64**  
[25] EN  
[54] **REPAIR OF STRUCTURAL MEMBERS**  
[54] **REPARATION DES ELEMENTS DE STRUCTURE**  
[72] SINCOCK, PAUL, AU  
[72] POTTS, ANDREW ELMHIRST, AU  
[71] AMOG TECHNOLOGIES PTY, LTD., AU  
[85] 1999-11-05  
[86] 1998-05-07 (PCT/AU98/00331)  
[87] 1998-11-12 (WO98/50640)  
[30] AU (PO 6665) 1997-05-07

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| <p style="text-align: right;">[21] <b>2,289,591</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61L 9/01</b><br/>[25] FR<br/>[54] <b>FORMULE POUR LA SOLUBILISATION DE COMPOSITIONS PARFUMANTES DANS L'EAU DES PISCINES</b><br/>[54] <b>FORMULA FOR SOLUBILIZING PERFUME COMPOSITIONS IN SWIMMING POOLS</b><br/>[72] MARCILLY, JEAN-FRANÇOIS MICHEL, FR<br/>[71] MARCILLY, JEAN-FRANÇOIS MICHEL, FR<br/>[85] 1999-11-15<br/>[86] 1998-05-14 (PCT/FR98/00969)<br/>[87] 1998-11-26 (WO98/52622)<br/>[30] FR (97/06229) 1997-05-16</p> | <p style="text-align: right;">[21] <b>2,289,594</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C07H 17/04 7A61K 31/70</b><br/>[25] FR<br/>[54] <b>NOUVEAUX DERIVES GLYCOSYLES DES GINKGOLIDES, LEUR APPLICATION EN TANT QUE MEDICAMENTS ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT</b><br/>[54] <b>NOVEL GLYCOSYLATED GINKGOLIDE DERIVATIVES, THEIR APPLICATION AS MEDICINES AND PHARMACEUTICAL COMPOSITIONS</b><br/>[72] WEBER, MARTIN, CH<br/>[72] VASELLA, ANDREA, CH<br/>[71] SOCIÉTÉ DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES (S.C.R, FR<br/>[85] 1999-11-15<br/>[86] 1998-05-20 (PCT/FR98/01016)<br/>[87] 1998-11-26 (WO98/52959)<br/>[30] FR (97/06111) 1997-05-20</p> | <p style="text-align: right;">[21] <b>2,289,598</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G01N 21/47 7G02B 27/44</b><br/>[25] EN<br/>[54] <b>GRATING BASED PHASE CONTROL OPTICAL DELAY LINE</b><br/>[54] <b>LIGNE DE RETARD OPTIQUE A COMMANDE DE PHASE DE RESEAU</b><br/>[72] TEARNEY, GUILLERMO J., US<br/>[72] BOUMA, BRETT, E., US<br/>[72] FUJIMOTO, JAMES G., US<br/>[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US<br/>[85] 1999-11-05<br/>[86] 1998-05-15 (PCT/US98/09914)<br/>[87] 1998-11-19 (WO98/52021)<br/>[30] US (60/046,739) 1997-05-16</p>   |
| <p style="text-align: right;">[21] <b>2,289,592</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A21B 3/04 7A21B 1/40</b><br/>[25] EN<br/>[54] <b>BAKING DEVICE AND METHOD</b><br/>[54] <b>DISPOSITIF ET PROCEDE DE CUISSON AU FOUR</b><br/>[72] HOFER, WOLFGANG, AT<br/>[71] HOFER, WOLFGANG, AT<br/>[85] 1999-11-12<br/>[86] 1998-05-14 (PCT/AT98/00127)<br/>[87] 1998-11-26 (WO98/52418)<br/>[30] EP (97 108 093.2) 1997-05-17</p>   | <p style="text-align: right;">[21] <b>2,289,595</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61B 17/28</b><br/>[25] EN<br/>[54] <b>DURAL CLOSING SURGICAL FORCEPS</b><br/>[54] <b>FORCEPS CHIRURGICAL POUR FERMETURE DURALE</b><br/>[72] RAY, CHARLES DEAN, US<br/>[71] TEGEMENTA, L.L.C., US<br/>[85] 1999-11-05<br/>[86] 1998-05-08 (PCT/US98/09087)<br/>[87] 1998-11-12 (WO98/49949)<br/>[30] US (60/045,977) 1997-05-08</p>  | <p style="text-align: right;">[21] <b>2,289,600</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 48/00</b><br/>[25] EN<br/>[54] <b>TECHNIQUES AND COMPOSITIONS FOR TREATING HEART FAILURE AND VENTRICULAR REMODELING BY IN VIVO DELIVERY OF ANGIOGENIC TRANSGENES</b><br/>[54] <b>TECHNIQUES ET COMPOSITIONS DESTINEES AU TRAITEMENT D'UNE INSUFFISANCE CARDIAQUE ET DU REMODELAGE VENTRICULAIRE PAR APPORT IN VIVO DE TRANSGENES ANGIOGENIQUES</b><br/>[72] HAMMOND, H. KIRK, US<br/>[72] KELLY, TAMSIN L., US<br/>[71] COLLATERAL THERAPEUTICS, US<br/>[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US<br/>[85] 1999-11-05<br/>[86] 1998-04-30 (PCT/US98/08848)<br/>[87] 1998-11-12 (WO98/50079)<br/>[30] US (08/852,779) 1997-05-06</p> |
| <p style="text-align: right;">[21] <b>2,289,593</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G06T 15/10</b><br/>[25] EN<br/>[54] <b>METHOD FOR IMAGE PROCESSING</b><br/>[54] <b>PROCEDE DE TRAITEMENT D'IMAGE</b><br/>[72] HOYDAL, FINN, NO<br/>[71] DIMENSIONS AS, NO<br/>[85] 1999-11-05<br/>[86] 1998-05-06 (PCT/NO98/00141)<br/>[87] 1998-11-12 (WO98/50889)<br/>[30] NO (972097) 1997-05-06</p>  | <p style="text-align: right;">[21] <b>2,289,596</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G01F 15/00 7G07F 15/00</b><br/>[25] EN<br/>[54] <b>METERING SYSTEMS</b><br/>[54] <b>INSTALLATIONS DE COMPTAGE</b><br/>[72] RICCI, FRANCESCO GIOVANNI, GB<br/>[71] LG (UK) LTD., GB<br/>[85] 1999-11-05<br/>[86] 1998-05-05 (PCT/GB98/01296)<br/>[87] 1998-11-19 (WO98/52003)<br/>[30] GB (9709604.4) 1997-05-12</p>  | <p style="text-align: right;">[21] <b>2,289,601</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A62C 3/02 7B64D 1/16</b><br/>[25] FR<br/>[54] <b>DISPOSITIF AEROPORTABLE DE LARGAGE OU ASPERSION DE PRODUITS LIQUIDES</b><br/>[54] <b>DEVICE TRANSPORTABLE BY AIR FOR DROPPING OR SPRAYING LIQUID PRODUCTS</b><br/>[72] DE MAISONNEUVE, ALBAN, FR<br/>[71] DE MAISONNEUVE, ALBAN, FR<br/>[85] 1999-11-12<br/>[86] 1998-05-20 (PCT/FR98/01020)<br/>[87] 1998-11-26 (WO98/52647)<br/>[30] FR (97/06495) 1997-05-21</p>  |



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| <p style="text-align: right;">[21] <b>2,289,602</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7C07C 233/00</b><br/>[25] EN<br/>[54] <b>PROTEASE INHIBITORS</b><br/>[54] <b>INHIBITEURS DE PROTEASES</b><br/>[72] DesJARLAIS, RENEE LOUISE, US<br/>[72] BONDINELL, WILLIAM EDWARD, US<br/>[72] YAMASHITA, DENNIS SHINJI, US<br/>[72] VEBER, DANIEL FRANK, US<br/>[71] SMITHKLINE BEECHAM CORPORATION, US<br/>[85] 1999-11-05<br/>[86] 1998-04-30 (PCT/US98/08764)<br/>[87] 1998-11-12 (WO98/50342)<br/>[30] US (60/046,862) 1997-05-08</p>      | <p style="text-align: right;">[21] <b>2,289,606</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7F03D 1/06</b><br/>[25] EN<br/>[54] <b>QUIET ROTOR BLADE AND WIND ENERGY INSTALLATION EQUIPPED WITH ROTOR BLADES OF THIS TYPE</b><br/>[54] <b>PALE DE ROTOR SILENCIEUSE ET INSTALLATION EOLIENNE POURVUE DE TELLES PALES DE ROTOR</b><br/>[72] WOBLEN, ALOYS, DE<br/>[71] WOBLEN, ALOYS, DE<br/>[85] 1999-11-05<br/>[86] 1998-09-04 (PCT/EP98/05615)<br/>[87] 1999-04-15 (WO99/18352)<br/>[30] DE (197 43 694.3) 1997-10-02</p>   | <p style="text-align: right;">[21] <b>2,289,608</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 7/50</b><br/>[25] EN<br/>[54] <b>CLEANSING PRODUCTS WITH IMPROVED MOISTURIZATION</b><br/>[54] <b>PRODUITS DE NETTOYAGE A HYDRATATION AMELIOREE</b><br/>[72] FOWLER, TIMOTHY JOHN, US<br/>[72] HASENOEHL, ERIK JOHN, US<br/>[72] WAGNER, JULIE ANN, US<br/>[71] THE PROCTER &amp; GAMBLE COMPANY, US<br/>[85] 1999-11-16<br/>[86] 1998-05-20 (PCT/IB98/00786)<br/>[87] 1998-11-26 (WO98/52538)<br/>[30] US (08/861,748) 1997-05-22<br/>[30] US (08/980,096) 1997-11-26</p>   |
| <p style="text-align: right;">[21] <b>2,289,603</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7E05B 49/00</b><br/>[25] EN<br/>[54] <b>REDUNDANCY CONTROL DEVICE FOR EQUIPPING A LOCK</b><br/>[54] <b>DISPOSITIF DE COMMANDE A REDONDANCE DESTINE A EQUIPER UNE SERRURE</b><br/>[72] PELLATON, PIERRE, CH<br/>[72] DOMINÉ, DIDIER, CH<br/>[71] ILCO-UNICAN S.A., REHLOR DIVISION, CH<br/>[85] 1999-11-16<br/>[86] 1998-05-22 (PCT/CH98/00214)<br/>[87] 1998-12-03 (WO98/54428)<br/>[30] EP (97108687.1) 1997-05-30</p>                          | <p style="text-align: right;">[21] <b>2,289,607</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7H01M 8/08 7C25B 5/00 7H01M 8/02 7H01M 8/10</b><br/>[25] EN<br/>[54] <b>ELECTROLYTIC REACTOR SUCH AS FUEL CELL WITH ZEOLITE MEMBRANE</b><br/>[54] <b>REACTEUR ELECTROLYTIQUE, TEL QU'UNE PILE A COMBUSTIBLE, DOTE D'UNE MEMBRANE EN ZEOLITE</b><br/>[72] NAYLOR, TIMOTHY DE VILLIERS, GB<br/>[72] TSEUNG, ALFRED CHAN CHUNG, GB<br/>[71] BRATTON, GRAHAM JOHN, GB<br/>[71] THE SMART CHEMICAL COMPANY LIMITED, GB<br/>[85] 1999-11-09<br/>[86] 1998-05-14 (PCT/GB98/01380)<br/>[87] 1998-11-19 (WO98/52243)<br/>[30] GB (9709742.2) 1997-05-14<br/>[30] GB (9723840.6) 1997-11-13</p> | <p style="text-align: right;">[21] <b>2,289,610</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7A61K 35/76 7G01N 33/50</b><br/>[25] EN<br/>[54] <b>PHARMACEUTICAL COMPOSITION AND DIAGNOSTIC KIT DIRECTED TO A HETEROLOGENEOUS PATHOGENIC ORGANISM IN A HOST</b><br/>[54] <b>COMPOSITION PHARMACEUTIQUE ET TROUSSE DE DIAGNOSTIQUE POUR UN ORGANISME PATHOGENE HETEROLOGENE CHEZ UN HOTE</b><br/>[72] BECHTOLD, ROLF, DE<br/>[72] PAULISTA, MICHAEL, DE<br/>[72] DILL, OTHMAR, DE<br/>[72] POHL, JENS, DE<br/>[71] BIOPHARM GMBH, DE<br/>[85] 1999-11-15<br/>[86] 1998-05-15 (PCT/EP98/02871)<br/>[87] 1998-11-19 (WO98/51318)<br/>[30] EP (97107945.4) 1997-05-15<br/>[30] EP (97114873.9) 1997-08-27</p> |
| <p style="text-align: right;">[21] <b>2,289,604</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7F02B 33/04 7F02F 1/22</b><br/>[25] EN<br/>[54] <b>TWO-STROKE INTERNAL COMBUSTION ENGINE HAVING IMPROVED FUEL PORTING</b><br/>[54] <b>MOTEUR A COMBUSTION INTERNE A DEUX TEMPS AVEC AMELIORATION DU SYSTEME DE CIRCULATION DE CARBURANT</b><br/>[72] DAVID, JEFFREY ANDREW, AU<br/>[71] DAVID, JEFFREY ANDREW, AU<br/>[85] 1999-11-15<br/>[86] 1998-04-27 (PCT/AU98/00303)<br/>[87] 1998-11-19 (WO98/51909)<br/>[30] AU (PO 6805) 1997-05-15</p> |  |  |

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[21] **2,289,611**  
[13] A1

[51] **Int.Cl. 7C12N 15/86 7A61K 48/00 7C12N 5/10**  
[25] EN  
[54] **METHOD FOR THE PRODUCTION OF NON-GROUP C ADENOVIRAL VECTORS**  
[54] **PROCEDE DE PRODUCTION DE VECTEURS ADENOVIRAUX N'APPARTENANT PAS AU GROUPE C**  
[72] FALCK-PEDERSEN, ERIK, US  
[71] CORNELL RESEARCH FOUNDATION, INC., US  
[85] 1999-11-16  
[86] 1998-05-20 (PCT/US98/10367)  
[87] 1998-11-26 (WO98/53087)  
[30] US (08/861,773) 1997-05-22

[21] **2,289,782**  
[13] A1

[51] **Int.Cl. 7C08L 83/04 7B32B 27/00 7C08L 69/00 7C08L 67/02 7C08L 71/02 7C08K 5/10 7C01B 33/12 7C08J 5/18 7C08K 5/20 7C08J 9/26 7H01L 21/316 7H01L 21/3205**  
[25] EN  
[54] **ALKOXY-SILANE/ORGANIC POLYMER COMPOSITION FOR THIN INSULATING FILM PRODUCTION AND USE THEREOF**  
[54] **COMPOSITION ALCOXYSILANE/POLYMER ORGANIQUE DESTINEE A LA PRODUCTION DE FINES PELLICULES ISOLANTES ET PROCEDE D'UTILISATION**  
[72] TANABE, TSUNEAKI, JP  
[72] IOKA, TAKAAKI, JP  
[71] ASAHI KASEI KOGYO KABUSHIKI KAISHA, JP  
[85] 1999-11-12  
[86] 1998-07-15 (PCT/JP98/03186)  
[87] 1999-01-28 (WO99/03926)  
[30] JP (9-189767) 1997-07-15

[21] **2,289,981**  
[13] A1

[51] **Int.Cl. 7C07K 5/03 7C12P 21/02 7A61K 38/04 7C12P 13/04 7C07C 237/12 7A61K 31/195 7C07C 237/20 7C12N 1/20 7C07C 237/22**  
[25] EN  
[54] **POLYOL-AMINO ACID COMPOUNDS HAVING ANTI-HELICOBACTER PYLORI ACTIVITY**  
[54] **COMPOSES DE POLYOL ET D'ACIDES AMINES AGISSANT SUR L'HELICOBACTER PYLORI**  
[72] NAKAO, MASAFUMI, JP  
[72] NAKANO, YOSHITAKA, JP  
[72] NISHIKIMI, YUJI, JP  
[72] MIYAGAWA, KEN-ICHIRO, JP  
[72] TSUBOTANI, SHIGETOSHI, JP  
[72] IZAWA, MOTOO, JP  
[72] KAMIYAMA, KEIJI, JP  
[72] AKIYAMA, YOHKO, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[85] 1999-11-12  
[86] 1998-07-08 (PCT/JP98/03066)  
[87] 1999-01-21 (WO99/02549)  
[30] JP (9/184086) 1997-07-09

[21] **2,290,505**  
[13] A1

[51] **Int.Cl. 7G01N 35/00 7G06F 17/00 7C12M 1/00 7G01N 35/02 7G01N 35/04**  
[25] EN  
[54] **AUTOMATED ROBOTIC SYSTEM AND METHOD FOR RAPIDLY SCREENING AND IDENTIFYING USEFUL CHEMICALS IN LIQUID SAMPLES**  
[54] **SYSTEME ROBOTIQUE AUTOMATISE ET PROCEDE POUR CRIBLER ET IDENTIFIER RAPIDEMENT DES PRODUITS CHIMIQUES UTILES DANS DES ECHANTILLONS LIQUIDES**  
[72] SHUMATE, CHRISTOPHER BENTLEY, US  
[72] BECKEY, SAMUEL S., US  
[72] STYLLI, CHARI, US  
[72] COASSIN, PETER J., US  
[71] AURORA BIOSCIENCES CORPORATION, US  
[85] 1999-11-16  
[86] 1998-05-14 (PCT/US98/09526)  
[87] 1998-11-19 (WO98/52047)  
[30] US (08/858,016) 1997-05-16

[21] **2,290,512**  
[13] A1

[51] **Int.Cl. 7H01M 4/38 7C01B 3/00**  
[25] EN  
[54] **HYDROGEN STORAGE ALLOY**  
[54] **ALLIAGE DE STOCKAGE D'HYDROGENE**  
[72] GAYDOS, MARK, US  
[72] LUO, WEIFANG, US  
[71] DURACELL INC., US  
[85] 1999-11-22  
[86] 1998-05-22 (PCT/US98/10573)  
[87] 1998-12-03 (WO98/54775)  
[30] US (866,192) 1997-05-30

[21] **2,290,636**  
[13] A1

[51] **Int.Cl. 7A61F 13/15 7D04H 13/00 7B32B 5/26**  
[25] EN  
[54] **COMPOSITE FABRIC FOR COVERSTOCK HAVING SEPARATE LIQUID PERVIOUS AND IMPERVIOUS REGIONS**  
[54] **TISSU COMPOSITE POUR COUVERTURE COMPORTANT DES ZONES SEPARÉES PERMEABLES ET IMPERMEABLES AUX LIQUIDES**  
[72] THOMAS, HAROLD EDWARD, US  
[72] REEDER, JAMES O., US  
[71] BBA NONWOVENS SIMPSONVILLE, INC., US  
[85] 1999-11-19  
[86] 1998-05-21 (PCT/US98/10433)  
[87] 1998-11-26 (WO98/52507)  
[30] US (60/047,440) 1997-05-22

[21] **2,290,648**  
[13] A1

[51] **Int.Cl. 7E05B 73/00**  
[25] FR  
[54] **FIXATION D'UNE ETIQUETTE ANTI-VOL SUR UN OBJET AU MOYEN D'UNE ENVELOPPE THERMORETRACTABLE**  
[54] **FIXING AN ANTI-THEFT LABEL ON AN OBJECT USING A HEAT-SHRINKABLE ENVELOPE**  
[72] GOUELIBO, DIDIER, FR  
[72] DAMEME, ALAIN, FR  
[72] FRESNEL, ERIC, FR  
[71] SLEEVER INTERNATIONAL COMPANY, FR  
[85] 1999-11-19  
[86] 1998-05-19 (PCT/FR98/00994)  
[87] 1998-11-26 (WO98/53169)  
[30] FR (97/06312) 1997-05-23

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[21] **2,290,654**

[13] A1

[51] **Int.Cl. 7H04M 19/08 7H04M 11/00**

[25] EN

[54] **DSL MODEM**

[54] **MODEM DSL**

[72] ANDOU, NORIHIRO, JP

[72] ISHIGAMI, MOTOHIRO, JP

[71] JAPAN AVIATION ELECTRONICS  
INDUSTRY LIMITED, JP

[85] 1999-11-19

[86] 1999-03-31 (PCT/JP99/01651)

[87] 1999-10-14 (WO99/52268)

[30] JP (10/85363) 1998-03-31

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[21] **2,290,792**

[13] A1

[51] **Int.Cl. 7C07H 15/18 7A61K 31/41**

**7A61K 31/415 7A61K 31/70**

[25] EN

[54] **DERIVATIVES OF ANTIFUNGAL  
SUBSTANCE BE-31405 AND PROCESS  
FOR PRODUCING THE SAME**

[54] **DERIVES DE LA SUBSTANCE  
ANTIFONGIQUE BE-31405 ET  
PROCEDE DE PRODUCTION  
CORRESPONDANT**

[72] TORIGOE, KOICHIRO, JP

[72] HIRANO, ATSUSHI, JP

[72] KAMIYA, SEIGO, JP

[72] SUDA, HIROYUKI, JP

[72] OGAWA, HIDENORI, JP

[72] OKADA, HIROMASA, JP

[72] NAGASHIMA, MASAO, JP

[72] KOJIRI, KATSUHISA, JP

[71] BANYU PHARMACEUTICAL CO.,  
LTD., JP

[85] 1999-11-19

[86] 1998-05-20 (PCT/JP98/02218)

[87] 1998-11-26 (WO98/52957)

[30] JP (9/145919) 1997-05-20

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[21] **2,290,794**

[13] A1

[51] **Int.Cl. 7H01G 2/04 7H01G 9/08**

[25] EN

[54] **ELECTROLYTE CAPACITOR,  
AND SECURING OF SAME ON A  
THERMAL DISSIPATION PLATE**

[54] **CONDENSATEUR A  
ELECTROLYTE, ET SA FIXATION SUR  
UNE PLAQUE DE DISSIPATION DE  
CHALEUR**

[72] SCHWEIKERT, WILHELM, DE

[72] HEBEL, RAINER, DE

[71] SIEMENS MATSUSHITA  
COMPONENTS GMBH & CO. KG, DE

[85] 1999-11-19

[86] 1998-03-27 (PCT/DE98/00894)

[87] 1998-11-26 (WO98/53468)

[30] DE (197 21 287.5) 1997-05-21

## Canadian Divisional and Previously Unavailable Laid-Open applications

### Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

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| <p>[21] <b>2,289,323</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G03B 27/00</b><br/>[25] EN<br/>[54] <b>IMAGE READING DEVICE FOR PHOTOGRAPHIC PRINTING</b><br/>[54] <b>LECTEUR D'IMAGES POUR MATERIEL DE TIRAGE PHOTOGRAPHIQUE</b><br/>[72] NAKAO, HIROTO, JP<br/>[71] NORITSU KOKI CO., LTD., JP<br/>[22] 1995-10-30<br/>[43] 1996-05-05<br/>[62] 2,161,709<br/>[30] JP (271257/1994) 1994-11-04</p>  | <p>[21] <b>2,289,326</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G08B 13/22</b><br/>[25] EN<br/>[54] <b>SECURITY TAG HAVING ARCUATE CHANNEL AND DETACHER APPARATUS FOR SAME</b><br/>[54] <b>ETIQUETTE DE SECURITE A VOIE ARQUEE ET DISPOSITIF DE DETACHEMENT CONNEXE</b><br/>[72] WITZKY, HANS P., US<br/>[72] DOOLEY, ELBERT W., JR., US<br/>[72] HANSEN, NORMAN, US<br/>[72] NGUYEN, THANG TAT, US<br/>[71] SENSORMATIC ELECTRONICS CORPORATION, US<br/>[22] 1995-01-03<br/>[43] 1996-07-04<br/>[62] 2,139,475</p> | <p>[21] <b>2,290,698</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7B41J 2/17</b><br/>[25] EN<br/>[54] <b>INK CONTAINER, INK AND INK JET RECORDING APPARATUS USING INK CONTAINER</b><br/>[54] <b>RESERVOIR A ENCRE, ENCRE ET APPAREIL D'ENREGISTREMENT A JET D'ENCRE UTILISANT CE RESERVOIR</b><br/>[72] KOITABASHI, NORIBUMI, JP<br/>[72] IKEDA, MASAMI, JP<br/>[72] UETSUKI, MASAYA, JP<br/>[72] HIRABAYASHI, HIROMITSU, JP<br/>[72] SATO, SHINICHI, JP<br/>[72] ASAI, NAOHITO, JP<br/>[72] MATSUBARA, MIYUKI, JP<br/>[72] HIGUMA, MASAHIKO, JP<br/>[72] ABE, TSUTOMU, JP<br/>[72] AKIYAMA, YUJI, JP<br/>[72] GOTOH, FUMIHIRO, JP<br/>[72] SUGIMOTO, HITOSHI, JP<br/>[72] SUGAMA, SADAYUKI, JP<br/>[72] SHIMIZU, EIICHIRO, JP<br/>[72] SATO, HIROSHI, JP<br/>[72] NAGOSHI, SHIGEYASU, JP<br/>[71] CANON KABUSHIKI KAISHA, JP<br/>[22] 1993-07-21<br/>[43] 1994-01-25<br/>[62] 2,100,977<br/>[30] JP (198661/1992(PAT.)) 1992-07-24<br/>[30] JP (198681/1992(PAT.)) 1992-07-24<br/>[30] JP (198680/1992(PAT.)) 1992-07-24<br/>[30] JP (198733/1992(PAT.)) 1992-07-24<br/>[30] JP (017562/1993(PAT.)) 1993-02-04<br/>[30] JP (122618/1993(PAT.)) 1993-05-25</p> |
| <p>[21] <b>2,289,324</b><br/>[13] A1</p> <p>[51] <b>Int.Cl. 7G08B 13/22</b><br/>[25] EN<br/>[54] <b>SECURITY TAG HAVING ARCUATE CHANNEL AND DETACHER APPARATUS FOR SAME</b><br/>[54] <b>ETIQUETTE DE SECURITE A VOIE ARQUEE ET DISPOSITIF DE DETACHEMENT CONNEXE</b><br/>[72] HANSEN, NORMAN, US<br/>[72] DOOLEY, ELBERT W., JR., US<br/>[72] WITZKY, HANS P., US<br/>[72] NGUYEN, THANG TAT, US<br/>[71] SENSORMATIC ELECTRONICS CORPORATION, US<br/>[22] 1995-01-03<br/>[43] 1996-07-04<br/>[62] 2,139,475</p> |  |  |

Canadian Divisional and Previously Unavailable Laid-Open applications

[21] **2,290,700**  
[13] A1

[51] **Int.Cl. 7B41J 2/17**  
[25] EN  
[54] **INK CONTAINER, INK AND INK JET RECORDING APPARATUS USING INK CONTAINER**  
[54] **RESERVOIR A ENCRE, ENCRE ET APPAREIL D'ENREGISTREMENT A JET D'ENCRE UTILISANT CE RESERVOIR**  
[72] SUGIMOTO, HITOSHI, JP  
[72] AKIYAMA, YUJI, JP  
[72] GOTOH, FUMIHIRO, JP  
[72] MATSUBARA, MIYUKI, JP  
[72] SUGAMA, SADAYUKI, JP  
[72] ASAI, NAOHITO, JP  
[72] UETSUKI, MASAYA, JP  
[72] HIGUMA, MASAHIKO, JP  
[72] SATO, HIROSHI, JP  
[72] NAGOSHI, SHIGEYASU, JP  
[72] SHIMIZU, EIICHIRO, JP  
[72] ABE, TSUTOMU, JP  
[72] HIRABAYASHI, HIROMITSU, JP  
[72] IKEDA, MASAMI, JP  
[72] KOITABASHI, NORIBUMI, JP  
[72] SATO, SHINICHI, JP  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 1993-07-21  
[43] 1994-01-25  
[62] 2,100,977  
[30] JP (198661/1992(PAT.)) 1992-07-24  
[30] JP (198681/1992(PAT.)) 1992-07-24  
[30] JP (198680/1992(PAT.)) 1992-07-24  
[30] JP (198733/1992(PAT.)) 1992-07-24  
[30] JP (017562/1993(PAT.)) 1993-02-04  
[30] JP (122618/1993(PAT.)) 1993-05-25

[21] **2,290,701**  
[13] A1

[51] **Int.Cl. 7H04N 7/15**  
[25] EN  
[54] **MULTIMEDIA COLLABORATION SYSTEM**  
[54] **SYSTEME DE COLLABORATION MULTIMEDIA**  
[72] BURNETT, GERALD J., US  
[72] LAUWERS J. CHRIS, US  
[72] LANTZ, KEITH A., US  
[72] LUDWIG, LESTER F., US  
[72] BURNS, EMMETT R., US  
[71] VICOR INC., US  
[22] 1994-03-16  
[43] 1995-04-13  
[62] 2,173,204  
[30] US (08/131,523) 1993-10-01

[21] **2,290,702**  
[13] A1

[51] **Int.Cl. 7A61K 7/40 7A61K 7/48**  
[25] EN  
[54] **A COSMETIC COMPOSITION AND A METHOD FOR REDUCING THE AGEING PROCESSES OF SKIN**  
[54] **COMPOSITION COSMETIQUE ET PROCEDE DE REDUCTION DES PROCESSUS DE VIEILLISSEMENT DE LA PEAU**  
[72] VADASZ, AGNES, HU  
[72] LITERATI NAGY, PÉTER, HU  
[72] FARKAS, BEA, HU  
[71] MEDGENE LIMITED, VG  
[22] 1996-12-20  
[43] 1997-07-03  
[62] 2,240,505  
[30] HU (P 95 03728) 1995-12-22

[21] **2,290,703**  
[13] A1

[51] **Int.Cl. 7G01C 21/26 7G01C 21/34**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SELECTING A DESTINATION IN A VEHICLE NAVIGATION SYSTEM**  
[54] **METHODE ET APPAREIL POUR CHOISIR UNE DESTINATION DANS LE SYSTEME DE NAVIGATION D'UN VEHICULE**  
[72] SEKINE, MASAYUKI, US  
[72] NONAKA, HIROSHI, US  
[72] TAMAI, HARUHISA, US  
[71] VISTEON TECHNOLOGIES, LLC, US  
[22] 1997-02-03  
[43] 1997-08-14  
[62] 2,196,653  
[30] US (08/601,216) 1996-02-14

[21] **2,290,708**  
[13] A1

[51] **Int.Cl. 7B08B 7/00 6B22C 23/02 7B08B 9/08**  
[25] EN  
[54] **CLEANING AND FINISHING A CERAMIC MOLD**  
[54] **NETTOYAGE ET FINITION D'UN MOULE DE CERAMIQUE**  
[72] SACHS, EMANUEL M., US  
[72] KHANUJA, SATBIR, US  
[72] BREDET, JAMES F., US  
[72] CIMA, MICHAEL J., US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[22] 1993-11-22  
[43] 1994-06-09  
[62] 2,146,366  
[30] US (07/983,156) 1992-11-30

[21] **2,290,709**  
[13] A1

[51] **Int.Cl. 7C07D 213/72 7C07K 5/062 7C07D 401/12**  
[25] EN  
[54] **2,6-DIAMINOPYRIDINE COMPOUNDS AS INTERMEDIATES FOR PRODUCING ANTIBACTERIAL DIHYDROPYRIDONE CARBOXYLIC ACID DERIVATIVES**  
[54] **COMPOSES 2,6-DIAMINOPYRIDINE EN TANT QU'INTERMEDIAIRES POUR PRODUIRE DES DERIVES DE L'ACIDE CARBOXYLIQUE D'HYDROPYRIDONE ANTI-BACTERIENS**  
[72] KURAMOTO, YASUHIRO, JP  
[72] HAYASHI, NORIHIRO, JP  
[72] AMANO, HIROTAKA, JP  
[72] NIINO, YOSHIKO, JP  
[72] YAZAKI, AKIRA, JP  
[72] HIRAO, YUZO, JP  
[72] OHSHITA, YOSHIHIRO, JP  
[71] WAKUNAGA PHARMACEUTICAL CO., LTD., JP  
[22] 1996-09-20  
[43] 1997-03-27  
[62] 2,232,728  
[30] JP (7/269280) 1995-09-22  
[30] JP (8/178462) 1996-06-19

[21] **2,290,712**  
[13] A1

[51] **Int.Cl. 7C07D 401/14 7A61P 31/04 7A61K 31/4709**  
[25] EN  
[54] **NOVEL PYRIDONE-CARBOXYLIC ACID DERIVATIVES OR THEIR SALTS, AND ANTIBACTERIAL AGENTS CONTAINING THE SAME AS THEIR EFFECTIVE COMPONENTS**  
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[72] HIRAO, YUZO, JP  
[72] OHSHITA, YOSHIHIRO, JP  
[72] HAYASHI, NORIHIRO, JP  
[72] NIINO, YOSHIKO, JP  
[72] AMANO, HIROTAKA, JP  
[71] WAKUNAGA PHARMACEUTICAL CO., LTD., JP  
[22] 1996-09-20  
[43] 1997-03-27  
[62] 2,232,728  
[30] JP (7/269280) 1995-09-22  
[30] JP (8/178462) 1996-06-19

**Demandes canadiennes apparentées par division et  
demandes mises à la disponibilité du public non disponibles auparavant**

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[21] **2,290,906**

[13] A1

[51] **Int.Cl. 7C12N 15/50 7C07H 21/00  
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[25] EN

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[54] **AGENT CAUSAL DE LA MALADIE  
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[72] MEULENBERG, JOHANNA JACOBA  
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[72] POL, JOHANNES MARIA  
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[72] TERPSTRA, CATHARINUS, NL

[72] WENSVOORT, GERT, NL

[71] STICHTING CENTRAAL  
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[22] 1992-06-05

[43] 1992-12-07

[62] 2,103,460

[30] EP (91201398.4) 1991-06-06

[30] EP (92200781.0) 1992-03-18

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| THE PROCTER & GAMBLE<br>COMPANY   | 2,164,586 | Verbruggen, Alfons M.   | 2,002,850 | Yamaguchi, Takuji                            | 2,188,622 |
| THE PROCTER & GAMBLE<br>COMPANY   | 2,167,159 | Vermeulen, Constantinus<br>Paulinus Johannes Maria                    | 2,066,353 | Yamaguchi, Takuji                            | 2,188,623 |
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| The United States Of America,<br>represented by the Secretary,<br>U.S.            | 1,340,878 | Viikari, Liisa  | 2,122,609 | Yamazaki, Toshimasa                          | 2,154,406 |
| Theurer, Josef  | 2,041,303 | Voest-Alpine<br>Industrieanlagenbau GmbH                              | 2,126,188 | Yapp, Ronald A.                              | 2,109,907 |
| Thomas, Dean  | 2,155,884 | von BORSTEL, Reid W.  | 2,254,895 | Yasutake, Akinori                            | 2,193,638 |
| THOMSON CONSUMER<br>ELECTRONICS, INC.   | 2,189,851 | Vonk, Leo   | 2,083,685 | Yazawa, Kazunaga                             | 2,040,925 |
| THOMSON TUBES AND<br>DISPLAYS, S.A.   | 2,156,323 | Vorspohl, Klaus   | 2,080,516 | Yoerkie, Charles A.                          | 2,132,198 |
| THOMSON-CSF   | 2,013,690 | Wachter, William Augustine  | 2,084,929 | Yokoyama, Hiroshi                            | 2,043,938 |
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| Timmons, Kenneth L.   | 2,128,977 | Wagner Spray Tech Corporation   | 2,117,269 | Yoshida, Shousei                             | 2,155,817 |
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| TOYOTA JIDOSHA<br>KABUSHIKI KAISHA  | 2,173,527 | Waters, Julian Alfred   | 1,340,882 |  |           |
| TOYOTA JIDOSHA<br>KABUSHIKI KAISHA  | 2,173,529 | Wegner, Susanne   | 2,154,990 |  |           |
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