

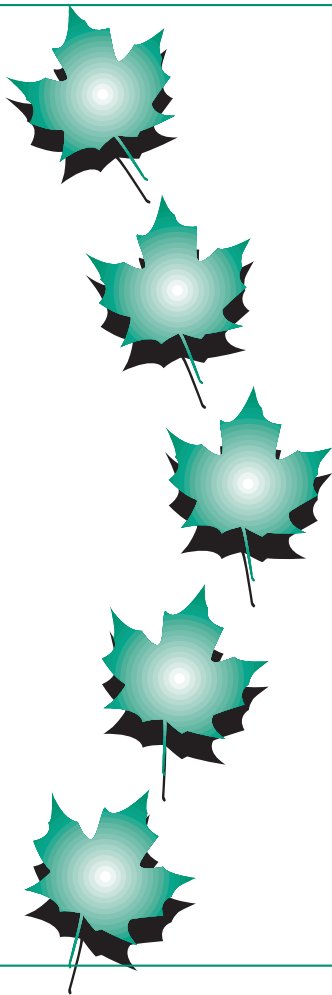


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**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

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Vol. 129, N° 9 le 27 février 2001

**Canada**

CIPO  OPIC

# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

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

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

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## Notices

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

#### Dates

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

#### Code Numerals

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

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

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

## Avis

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

#### Dates

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

#### Chiffres de code

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

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

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

## Avis

### 2. Country Codes

A complete list of country codes has been published in the October 24, 2000 issue of the Canadian Patent Office Record and will be published twice a year in the last issues of April and October.

### 3. Canadian Class Titles

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

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

### 4. Class Schedules and Definitions

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

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

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

#### A) Paper Copies

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$4) per copy by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

### 2. Codes des pays

Une liste complète des codes de pays a été publiée dans le numéro du 24 octobre 2000 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

### 3. Liste des classes canadiennes

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

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

### 4. Listes et définitions des classes

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

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

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

#### A) Copies sur papier

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

## Notices

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

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

E-mail: tic@micromedia.on.ca

### B) Microform Copies

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

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

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

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

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

A charge of ten dollars (\$10) per paper copy, or four dollars (\$4) per microfiche copy, plus postage and taxes, will apply to copies of all patents supplied.

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

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Courriel: tic@micromedia.on.ca

### B) Copies en microforme

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

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

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

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

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

### 7. Advice on Making a Patent Application

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

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

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

### 8. Licensing of Patents

#### Voluntary Licences

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

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

#### Licences librement accordées

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

#### Compulsory Licences

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

#### Licences obligatoires

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

### 9. Patents Available for Licence or Sale

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

### 9. Brevets disponibles pour licence ou vente

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

## Notices

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

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

2,110,824  
2,212,194  
2,212,477

### 11. Expired Patents

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,163,050 which issued on February 27, 1984 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

### 12. Laid-Open Applications

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

### 13. Language of Published Documents

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

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

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

2,110,824  
2,212,194  
2,212,477

### 11. Brevets expirés

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 28 février 1984 sont maintenant expirés, jusque et y compris le no. 1,163,050. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

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

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

### 13. Langue du document publié

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



## Avis

### 14. Patent Cooperation Treaty (PCT)

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

#### SCHEDULE OF FEES APPLICABLE AS OF JANUARY 01, 2001

#### BARÈME DE TAXES À PARTIR DU 1 JANVIER 2001

FEES	AMOUNTS \$
1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b> (Rule 15.2(a)) Amount for each additional sheet over 30	562.00 13.00
3. <b>Designation Fee:</b> (Rule 15.2(a)) The maximum that can be charged for the Designation Fee is \$726.00; therefore, if more than 6 countries are designated the fee remains \$726.00	121.00

**4. International Search Fee** 1,249.00  
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

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

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

#### Preliminary Examination

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

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

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

\* International fees will be reduced by \$173.00 for all applications filed using PCT-Easy.

TAXES	MONTANTS \$
1. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b> (Règle 15.2(a)) Montant pour chaque feuille au delà de 30	562,00 13,00
3. <b>Taxe de désignation</b> (par pays) (Règle 15.2(a)) Le maximum payable pour la taxe de désignation est de 726,00 \$; donc, si plus que 6 pays sont désignés, la taxe demeure 726,00 \$.	121,00

**4. Taxe de recherche internationale** 1 249,00  
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.

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

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

#### Examen préliminaire

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

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

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

\*Les frais seront réduits par 173,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

## Notices

### 15. PCT Notices

#### PCT Signature Requirements

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

#### Patent Cooperation Treaty (PCT)

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

#### New Member State

On February 28, 2001, **Columbia** (country code: **CO**) will become the 109rd contracting State of the PCT at both the Chapter I and II levels.

### 15. Avis PCT

#### Exigences des signatures du PCT

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

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

Des copies du Guide du déposant - PCT ainsi que du Traité et des Règlements sont disponibles auprès de l'OMPI au coût de 200 francs suisses et 18 francs suisses, respectivement. Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à l'OMPI - Organisation mondiale de la propriété intellectuelle à la Section des produits d'information, Boîte postale 18, 1211 Genève 20, Suisse, Téléphone (011 41 22) 338-9618, Télécopieur (011 41 22) 740-1812 ou par courriel à [publications.mail@wipo.int](mailto:publications.mail@wipo.int) ou visiter leur site web à <http://www.wipo.int>.

#### Nouveau État Membre

Le 28 février 2001, **Colombie** (code du pays: **CO**) deviendra le 109ième pays membre des États contractants du PCT au niveau des Chapitres I et II.

## Avis

### 16. Updated Patent Correspondence Procedures

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

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

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

- 1) The Registered Mail Service of Canada Post
- 2) Industry Canada  
Journal Tower South  
365 Laurier Avenue West  
Ground Floor  
Ottawa, Ontario K1A 0C8  
Tel.: (613) 990-4582
- 3) Industry Canada  
5 Place Ville-Marie  
Suite 700  
Montreal, Quebec H3B 2G2  
Tel.: (514) 496-1797
- 4) Industry Canada  
151 Yonge Street, 4th Floor  
Toronto, Ontario M5C 2W7  
Tel.: (416) 973-5000
- 5) Industry Canada  
Canada Place  
9700 Jasper Avenue, Suite 540  
Edmonton, Alberta T5J 4C3  
Tel.: (403) 495-4782
- 6) Industry Canada  
Library Square  
300 West Georgia Street, Suite 2000  
Vancouver, B.C. V6B 6E1  
Tel.: (604) 666-5000

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

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

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

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

- 1) Service du courrier recommandé de la Société canadienne des postes
- 2) Industrie Canada  
Immeuble Journal Sud  
365, avenue Laurier Ouest  
Rez-de-chaussée  
Ottawa (Ontario) K1A 0C8  
Tél. : (613) 990-4582
- 3) Industrie Canada  
5, Place Ville-Marie  
Bureau 700  
Montréal (Québec) H3B 2G2  
Tél. : (514) 496-1797
- 4) Industrie Canada  
151, rue Yonge, 4<sup>e</sup> étage  
Toronto (Ontario) M5C 2W7  
Tél. : (416) 973-5000
- 5) Industrie Canada  
Place du Canada  
9700, avenue Jasper, bureau 540  
Edmonton (Alberta) T5J 4C3  
Tél. : (403) 495-4782
- 6) Industrie Canada  
Library Square  
300, rue Georgia Ouest, bureau 2000  
Vancouver (Colombie-Britannique) V6B 6E1  
Tél. : (604) 666-5000

## Notices

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

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

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

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

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

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

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

In accordance with the above:

- Mail intended for the Patent Office and delivered, during business hours, to CIPO's offices in Hull will be accorded the date of reception by CIPO.
- Mail intended for the Patent Office and delivered, during business hours, to one of Industry Canada's regional offices listed above, will be considered to be received on the date of reception in that office, only if it is also a day on which CIPO's offices in Hull are open. Mail delivered to a regional office on a day

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

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

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

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

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

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

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

Conformément à ce qui précède:

- Le courrier destiné au Bureau des brevets et livré, durant les heures d'ouverture, aux bureaux de l'OPIC à Hull se verra attribuer la date de réception à cet endroit.
- Le courrier destiné au Bureau des brevets et livré, durant les heures d'ouverture, à un des bureaux régionaux d'Industrie Canada figurant sur la liste plus haut, se verra attribuer la date de réception au bureau régional en question, si et seulement si, à cette date, les bureaux de l'OPIC sont ouverts à Hull. Si à cette

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when CIPO's offices in Hull are closed will be considered to be received on the next working day for CIPO. If, for example, mail intended for the Patent Office is delivered to Industry Canada's regional office in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO's offices in Hull are closed. Mail delivered to regional offices outside of Quebec on June 24 will be considered to be received on the next working day for CIPO.

- Mail intended for the Patent Office and delivered through Canada Post's Registered Mail Service will be considered to be received on the date stamped on the envelope by Canada Post Corporation, if it is also a day on which CIPO's offices in Hull are open. If the date stamp on the Registered Mail is a day when CIPO's offices in Hull are closed, the mail will be considered to be received on the next working day for CIPO.

- Mail intended for the Patent Offices and delivered, by electronic means of transmission, including facsimile, will be considered to be received by the Commissioner on the day that it is transmitted if received before midnight, local time at the Patent Office in Hull. When the Patent Office is closed for business, correspondence received on that day will be considered to be received on the next working day.

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

Telephone: (819) 997-1936  
Facsimile: (819) 953-7620  
Internet: <http://cipo.gc.ca>

date, les bureaux à Hull sont fermés, le courrier livré aux bureaux régionaux se verra attribuer comme date de réception à l'OPIC la date du prochain jour ouvrable. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin au bureau régional d'Industrie Canada à Toronto ne se verra pas attribuer la date de réception du 24 juin puisque les bureaux à Hull sont fermés à cette date. Donc, le courrier livré le 24 juin aux bureaux régionaux à l'extérieur du Québec aura comme date de réception à l'OPIC la date du prochain jour ouvrable.

- Le courrier destiné au Bureau des brevets et livré par courrier recommandé, service offert aux comptoirs postaux de la Société canadienne des postes, se verra attribuer la date timbrée sur l'enveloppe par la Société canadienne des postes, à condition qu'à cette date les bureaux à Hull soient ouverts. Si les bureaux à Hull sont fermés, le courrier se verra attribuer comme date de réception à l'OPIC la date du prochain jour ouvrable.

- Le courrier destiné au Bureau des brevets et livré par mode de transmission électronique, incluant par télécopieur, est réputé reçu par le commissaire, le jour où il a été transmis avant minuit, heure locale, au Bureau des brevets à Hull. Si la correspondance est transmise électroniquement un jour où le Bureau des brevets est fermé au public, elle est réputée reçue le jour ouvrable suivant.

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

Téléphone : (819) 997-1936  
Télécopieur : (819) 953-7620  
Internet : <http://opic.gc.ca>

## 17. PRACTICE NOTICE

### *DIES NON*

**Note:** This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

#### **Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts**

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Hull, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Hull, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

#### **Time limits under the Patent and Trade-marks Acts**

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the Industrial Design, Copyright or Integrated Circuit Topography Acts.

## 17. ÉNONCÉ DE PRATIQUE

### *JOUR FÉRIÉ LÉGAL (DIES NON)*

**Nota :** Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.

#### **Délais prévus dans les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés**

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Hull, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Hull, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

#### **Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce**

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

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### Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

“If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day on which such Office or organization is not open to the public for the purposes of the transaction of official business, or on which ordinary mail is not delivered in the locality in which such Office or organization is situated, the period shall expire on the next subsequent day on which neither of the two circumstances exists.”

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

### Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

- 1) **Alberta:** 3rd Monday in February (Alberta Family Day)
- 2) **British Columbia:** 1st Monday in August (British Columbia Day)
- 3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
- 4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
- 5) **Ontario:** 1st Monday in August (Civic Holiday)
- 6) **Quebec:** June 24 (St. John the Baptist Day)
- 7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
- 8) **Yukon:** 3rd Monday in August (Discovery Day)

### Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit:

«Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles, ou bien un jour où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé, le délai prend fin le premier jour suivant auquel aucune de ces deux circonstances n'existe plus.»

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

### Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, qui sont des jours fériés dans au moins une province ou territoire:

- 1) **Alberta:** 3e lundi de février (Jour de la Famille de l'Alberta)
- 2) **Colombie-Britannique:** 1er lundi d'août (Fête de la Colombie-Britannique)
- 3) **Nouveau-Brunswick:** 1er lundi d'août (Fête du Nouveau-Brunswick)
- 4) **Nouvelle-Écosse:** 1er lundi d'août (congé statutaire)
- 5) **Ontario:** 1er lundi d'août (congé statuaire)
- 6) **Québec:** 24 juin (Saint-Jean-Baptiste)
- 7) **Saskatchewan:** 1er lundi d'août (Fête de la Saskatchewan)
- 8) **Yukon:** 3e lundi d'août (Jour de la Découverte)

## Notices

### When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

- 1) All Saturdays and Sundays
- 2) \*New Year's Day (Jan. 1)
- 3) Good Friday
- 4) Easter Monday
- 5) Victoria Day - First Monday immediately preceding May 25
- 6) \*St. John the Baptist Day (June 24)
- 7) \*Canada Day (July 1)
- 8) Labour Day - First Monday in September
- 9) Thanksgiving Day - Second Monday in October
- 10) \*Remembrance Day (November 11)
- 11) \*Christmas Day (December 25)
- 12) Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

\*If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

### Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants:

- 1) Tous les samedi et dimanche
- 2) \*Jour de l'An (1er janvier)
- 3) Vendredi Saint
- 4) Lundi de Pâques
- 5) Fête de Victoria - premier lundi précédant immédiatement le 25 mai
- 6) \*Saint-Jean-Baptiste (le 24 juin)
- 7) \*Fête du Canada (1er juillet)
- 8) Fête du travail - premier lundi de septembre
- 9) Jour de l'Action de grâces - deuxième lundi d'octobre
- 10) \*Jour du souvenir (11 novembre)
- 11) \*Jour de Noël (25 décembre)
- 12) L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

\*Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.



**Avis**

**18. PATENT AGENTS EXAMINATION 2000  
LIST OF SUCCESSFUL CANDIDATES**

Craig A. Ash  
Todd D. Bailey  
Greg Benoit  
Pierrette Breton  
Isis E. Caulder  
Christian Cawthorn  
Ryan W. Dupuis  
Stephen J. Ferance  
Mireille Goulet  
Kevin K. Graham  
Neil Henderson  
Doran J. Ingalls  
France Leclair  
Brian Y. Lee  
Dennis S.K. Leung  
Robert Liang  
Timothy P. Lo  
Ursula M. McGuinness  
Thuy Nguyen  
Kevin A. O'Neil  
Dean A. Palmer  
Mark D. Penner  
Jonathan Pollack  
Jennifer Quinn  
Bhupinder Randhawa  
Melanie Sharman Rowand  
Matthew M. Roy  
Theodore W. Sum  
Grant Tisdall  
Christopher Van Barr  
David M. Wray

**18. EXAMEN D'AGENTS DE BREVETS 2000  
LISTE DES CANDIDATES QUI ONT  
RÉUSSI**

Craig A. Ash  
Todd D. Bailey  
Greg Benoit  
Pierrette Breton  
Isis E. Caulder  
Christian Cawthorn  
Ryan W. Dupuis  
Stephen J. Ferance  
Mireille Goulet  
Kevin K. Graham  
Neil Henderson  
Doran J. Ingalls  
France Leclair  
Brian Y. Lee  
Dennis S.K. Leung  
Robert Liang  
Timothy P. Lo  
Ursula M. McGuinness  
Thuy Nguyen  
Kevin A. O'Neil  
Dean A. Palmer  
Mark D. Penner  
Jonathan Pollack  
Jennifer Quinn  
Bhupinder Randhawa  
Melanie Sharman Rowand  
Matthew M. Roy  
Theodore W. Sum  
Grant Tisdall  
Christopher Van Barr  
David M. Wray

## Notices

### 19. DOCUMENTS AVAILABLE

THE FOLLOWING DOCUMENTS ARE AVAILABLE TO THE PUBLIC IN THE CLIENT SERVICE CENTRE AND CAN ALSO BE ORDERED VIA OUR WEB SITE AT THE FOLLOWING ADDRESS: <http://strategis.ic.gc.ca/patents/order>. GAZETTES FROM THE FOLLOWING COUNTRIES ARE ALSO AVAILABLE

#### **AU AUSTRALIA - AUSTRALIE** PATENTS - BREVETS

1 (1926) À/TO	30,945 (1930) P
1 (1931) A/TO	25,875 (1935) P
1 (1936) À/TO	1,983 (1936) P
100,001 (1936) À/TO	168,224 (1953) P
200,000 (1954) À/TO	296,236 (1966) P
400,001 (1969) À/TO	496,940 (1978) P

PUBLISHED APPLICATIONS - DEMANDES PUBLIÉES

(1975) À/TO	JAN 21 (1999) M
DEC 17 (1998) À/TO	JAN 25 (2001) CD-ROM

GAZETTES

(1914) À/TO	(1978) P
(1979) À/TO	(Date) P

#### **AT AUSTRIA - AUTRICHE** PATENTS - BREVETS

164,951 (1950) À/TO	387,320 (1988) P
387,321 (1989) À/TO	395,100 (1992) P
393,101 (1992) À/TO	407,150 (2000) CD-ROM

GAZETTES

(1973) À/TO	(Date) P
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#### **BE BELGIUM - BELGIQUE** PATENTS - BREVETS

796,001 (1973) À/TO	895,528 (1983) C
895,529 (1983) À/TO	1,002,041 (1991) M
1,002,342 (1991) À/TO	1,012,423(2000)CD-ROM

GAZETTES

(1911) À/TO	(1978) P
(1979) À/TO	(Date) P

#### **BE BULGARIA - BULGARIE** PATENTS - BREVETS

48,221 (1991) À/TO	62,779 (2000) CD-ROM
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## Avis

### CA CANADA

PATENTS - BREVETS	1 (1824) À/TO	3,325 (1871) P
	*1 (1869) À/TO	*1,264,114 (1989) P
	1,264,115 (1990) À/TO	1,340,704 P
	1,340,705 À/TO	1,341,172 P
	2,000,000(1989) À/TO	DEC 26, 2000 P
	1 (1869) À/TO	677,331 M a
	677,332 (1964) À/TO	1,340,866 M b

LAID OPEN APPLICATIONS - DEMANDES DISPONIBLES	2,000,000 (1989) À/TO	(Date) M
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ASSIGNMENTS - CESSIONS	414,000 (1955) À/TO	803,999 (1971) P
	804,000 (1971) À/TO	1,271,999 (1989) P
	1,272,000 (1989) À/TO	5,105,429 (2000) P

GAZETTES	(1824) À/TO	(Date) P
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### CZ CZECH REPUBLIC - RÉPUBLIQUE TCHEQUE

PATENTS - BREVETS	272,051 À/TO	286,061 (2000) CD-ROM
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### EP EUROPE

PUBLISHED APPLICATIONS - DEMANDES PUBLIÉES	1 (1978) À/TO	1,067,831 (2000) CD-ROM
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EPO FIRST PAGE	689,375 (3Jan96) À/TO	693,866(Jan24/96)CD-ROM
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GAZETTES	(1978) À/TO	(Date) P
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### FR FRANCE

PATENTS - BREVETS	317,502 (1902) À/TO	1,605,332 (1974) F
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PATENTS OF ADDITION - BREVETS D'ADDITION	200 (1904) À/TO	96,691 (1984) P
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SPECIAL PATENTS OF ADDITION BREVETS SPÉCIAL D'ADDITION	290 (1970) À/TO	353 (1972) P
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## Notices

MEDICAL PATENTS - BREVETS MÉDICAUX	1 (1962) À/TO	8,500 (1973) P
SPECIAL MEDICAL PATENTS BREVETS MÉDICAUX SPÉCIAUX	2 (1961) À/TO	357 (1973) P
PUBLISHED APPLICATIONS - DEMANDES PUBLIÉES	(A <sup>1</sup> ) 2,100,501 (1969)À/TO (A <sup>1</sup> ) 2,663,812 À/TO	2,663,811 C 2,796,240 (2000)CD-ROM
GAZETTES	(1907) À/TO (1979) À/TO	(1978) P (Date) P
<b>DE GERMANY - ALLEMAGNE</b>		
PUBLISHED APPLICATIONS - DEMANDES PUBLIÉES	(A <sup>2</sup> ) 1,135,841 (1962)À/TO (A <sup>1</sup> ) (1992) À/TO	4,125,136 (1991) P JAN 25 (2001) CD-ROM
GAZETTES	(1952) À/TO (1979) À/TO	(1978) P (Date) P
<b>GB GREAT BRITAIN - GRANDE-BRETAGNE</b>		
PATENTS - BREVETS	100,001 (1916) À/TO 372,479 ( ) À/TO 1,184,801 (1970) À/TO	372,478 ( ) F 1,184,800 (1970) P 1,605,409 (Date) P
PUBLISHED APPLICATIONS - DEMANDES PUBLIÉES	(A <sup>1</sup> ) 2,000,001 (1979)À/TO (A <sup>1</sup> ) 2,257,844 (1993)À/TO	2,257,843 (1993) P 2,350,994 (2000)CD-ROM
ABRIDGEMENTS - RÉSUMÉS PAR SUJET	(1617) À/TO	(1985) P
GAZETTES	(1938) À/TO (1950) À/TO	(1971) P (Date) P
<b>HU HUNGARY - HONGRIE</b>		
PATENTS - BREVETS	204,000 ( ) À/TO	217,829 (2000) CD-ROM
<b>IT ITALY- ITALIE</b>		
PUBLISHED APPLICATIONS - DEMANDES PUBLIÉES	JULY (1993) À/TO	MAY (1995) CD-ROM

## Avis

### JP JAPAN - JAPON

PATENTS - BREVETS	(1951) À/TO	(1993) P*
PUBLISHED APPLICATIONS - DEMANDES PUBLIÉES	(A1) (1971) À/TO	(1993) P*
	(A1) (1993) À/TO	318,100 (1999)CD-ROM*
	(B) (1994) À/TO	34,772 (4/1996) CD-ROM
	(B) 2,500,001(5/96) À/TO	3,125,500 (2001)CD-ROM
PUBLISHED ABSTRACTS - PRÉCIS ANGLAIS	OCT 5 (1976) À/TO	DEC 26 (2000) CD ROM

### LV LATVIA - LATVIE

PATENTS - BREVETS	10001 (OCT 24/94) À/TO	12,505 (2000) CD-ROM
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### LT LITHUANIA - LITHUANIE

PATENTS - BREVETS	30001 (AUG 25/94) À/TO	4,707 (2000) CD-ROM
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### LU LUXEMBOURG

PATENTS - BREVETS	0,087,534 (1991) À/TO	90,621 (2000) CD-ROM
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### NL NETHERLANDS - PAYS BAS

PATENTS - BREVETS	143,517 (1977) À/TO	(1986) C*
	(1987) À/TO	MAY 16 (1995) F*
PUBLISHED APPLICATIONS - DEMANDES PUBLIÉES	(1977) À/TO	(Date) C
	(1991) À/TO	1,015,743 (2000) CD-ROM
GAZETTES	(1931) À/TO	(1978) P
	(1979) À/TO	(1993) P

### NO NORWAY - NORVEGE

PATENTS - BREVETS	128,689 (1974) À/TO	148,314 (1983) C
	148,315 (1983) À/TO	180,470 M

## Notices

### **WO PATENT COOPERATION TREATY TRAITÉ DE COOPÉRATION**

PUBLISHED APPLICATIONS - DEMANDES PUBLIÉES	(1978)	À/TO	76,287 (2000) CD-ROM*
GAZETTES	(1978)	À/TO	(1997)
	(1998)	À/TO	(Date) P

### **PL POLAND - POLOGNE**

PATENTS - BREVETS	153,900 (1992)	À/TO	178,769 (2000) CD-ROM
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### **RO ROMANIA - ROUMANIE**

PATENTS - BREVETS	100,001 (1993)	À/TO	115,659 (2000) CD-ROM
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### **RU RUSSIA - RUSSIE**

GAZETTES	(1973)	À/TO	(Date) P
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### **SK SLOVAKIA - SLOVAQUIE**

PATENTS - BREVETS	277680 (DEC 8/93)	À/TO	280,489 (2000) CD-ROM
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### **ZA SOUTH AFRICA - AFRIQUE DU SUD**

GAZETTES	(1969)	À/TO	(1978) P
	(1979)	À/TO	(Date) P

### **ES SPAIN - ESPAGNE**

PATENTS - BREVETS	868,001 (1986)	À/TO	2,011,202 (1990) F
	2,011,203 (1990)	À/TO	2,122,947 (1998)CD-ROM

### **SE SWEDEN - SUÈDE**

PATENTS - BREVETS	120,001 (1947)	À/TO	457,500 (1988) P
	420,974 (1981)	À/TO	512,242 M

GAZETTES	(1977)	À/TO	(Date) P
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## Avis

### CH SWITZERLAND - SUISSE

PATENTS - BREVETS	230,323 (1943) À/TO	624,525 (1981)	P
PUBLISHED APPLICATIONS - DEMANDES PUBLIÉES	(A <sup>5</sup> ) 624,000 (1981) À/TO	683,811 (1994)	M
	(B <sup>5</sup> ) 612,818 (1981) À/TO	682,286 (1994)	M
	(A <sup>3</sup> ) 624,526 (1978) À/TO	683,738 (1994)	M
	(A <sup>3</sup> ) 683,055 (1994) À/TO	690,536 (2000) CD-ROM	
GAZETTES	(1948) À/TO	(1995)	P

### US UNITED STATES - ÉTATS UNIS

PATENTS - BREVETS	1 (1836) À/To	5,325,300	M
	2,000,000 (1934) À/TO	6,009,554 CL	P
	5,274,846 (1994) À/TO	6,163,882 CD-ROM	
PLANT PATENTS - BREVETS DE PLANTES	1 (1931) À/TO	(Date)	P
	8527 (1994) À/TO	(Date) CD-ROM	
RE-ISSUES - REDÉLIVRANCES	13,623 (1913) À/TO	19,037 (1913)	P
	19,038 (1934) À/TO	(Date)	P
	34493 (1994) À/TO	(Date) CD-ROM	
DEFENSIVE PUBLICATIONS PUBLICATIONS DÉFENSIVES	555,667 (1969) À/TO	(Date)	P
RE-EXAMINATION CERTIFICATES CERTIFICATS NOUVEL EXAMEN	28,576 (1982) À/TO	(Date)	P
	(1994) À/TO	(Date)Random CD-ROM	
STATUTORY INVENTIONS - INVENTIONS STATUAIRES	H 1 (1985) À/TO	(Date)	P
	1278 (1994) À/TO	(Date) CD-ROM	
DESIGN PATENTS - BREVETS DE DESSINS	313,301 (1991) À/TO	342,819	F
	342,820 À/TO	(Date) CD-ROM	
GAZETTES	(1865) À/TO	(1933)	P
	(1934) À/TO	(Date)	P

## Notices

### LEGEND

- C** APERTURE CARDS  
**F** (16MM) FILM  
**M** (105MM) MICROFICHES  
**P** PAPER COPIES  
**a** NO CORRESPONDENCE  
**b** WITH CORRESPONDENCE  
**\*** STARTS AT NO. 1 EACH  
NEED THE YEAR IN ORDER TO RETREIVE  
NEED PUBLICATION DATE (YEAR) IN ORDER TO  
RETRIEVE

### Search system available

CANADIAN: TECHSOURCE  
CLASS  
P.S.R.

UNITED STATES: CASSIS (CD-ROM)

EPO/PCT: ACCESS (CD-ROM)  
ESPACE FIRST PAGE

JAPAN: PUBLISHED ABSTRACTS IN ENGLISH  
(CD-ROM)

FRANCE: BREF (CD-ROM)

GERMANY: DEPAROM (CD-ROM)

INDONESIA: ASEANPAT (CD-ROM)

PHILIPPINES: ASEANPAT (CD-ROM)

VIETNAM: ASEANPAT (CD-ROM)

### LÉGENDE

- C** CARTES A FENETRE  
**F** FILM (16MM)  
**M** MICROFICHES (105MM)  
**P** COPIES SUR PAPIER  
**a** PAS DE CORRESPONDANCE  
**b** AVEC CORRESPONDANCE  
**\*** COMMENCE AU NO. 1 CHAQUE ANNÉE  
BESOIN DE L'ANNÉE POUR COMMANDER  
BESOIN DE LA DATE (ANNÉE) DE  
PUBLICATION POUR COMMANDER

### Systèmes de recherche disponibles

CANADIEN: TECHSOURCE  
CLASS  
S.R.P.

ÉTAT UNIS: CASSIS (CD-ROM)

EPO/PCT: ACCESS (CD-ROM)  
ESPACE PREMIERE PAGE

JAPON: PRÉCIS ANGLAIS (CD-ROM)

FRANCE: BREF (CD-ROM)

ALLEMAGNE: DEPAROM (CD-ROM)

INDONÉSIE: ASEANPAT (CD-ROM)

PHILIPPINES: ASEANPAT (CD-ROM)

VIETNAM: ASEANPAT (CD-ROM)



## 20. Amendments of the Regulations under the Patent Cooperation Treaty and Canada's Reservation

### Information regarding amendments of the Regulations

On March 17, 2000, the Assembly of the PCT Union adopted amendments of the Regulations under the PCT which will enter into force on March 1, 2001. The amendments pertain to the applicant's ability to include in the Request Form certain declarations having standardized wording. The declarations concern:

the identity of the inventor;  
the applicant's entitlement, as at the international filing date, to apply for and be granted a patent;  
the applicant's entitlement, as at the international filing date, to claim priority of the earlier application;  
inventorship (only for purposes of the designation of the United States of America); and  
non-prejudicial disclosures or exceptions to lack of novelty.

These matters are the same as those about which designated and elected Offices are entitled to require documents or evidence during the national phase of processing. By including such declarations in the Request, the applicant can more easily satisfy various national law requirements at the time of filing the international application rather than waiting until the time for entry into the national phase for processing before the designated or elected Offices.

As a consequence of an applicant including such declarations either in the PCT Request Form or by subsequently submitting such declarations during the international phase, designated or elected Offices are prohibited from requiring any document or evidence concerning the declaration unless they have reason to doubt any indications contained in such declarations.

For further details on the amendments see document PCT/A/28/5 (report of the Assembly), available on WIPO's Internet site at the following address: [www.wipo.int/eng/document/govbody/wo\\_pct/index\\_28.htm](http://www.wipo.int/eng/document/govbody/wo_pct/index_28.htm).

#### Canada's Reservation

On November 10, 2000, the Canadian Patent Office informed the International Bureau that PCT Rule 51bis.2(a)(ii), concerning the applicant's entitlement to apply for and be granted a patent, was not compatible with s.37 of the *Canadian Patent Rules*. Accordingly PCT Rule 51bis.2(a)(ii) shall not apply in respect of the Canadian designated or elected Office for as long as it continues not to be compatible with Canadian law. In other

## 20. Modifications au Règlement d'exécution du Traité de coopération en matière de brevets et la Réserve canadienne

### Généralités concernant les modifications au Règlement d'exécution

Le 17 mars 2000, l'Assemblée de l'Union du PCT a adopté des modifications au Règlement d'exécution du PCT qui prendront effet le 1<sup>er</sup> mars 2001. Les modifications visent à permettre au déposant d'inclure dans le Formulaire de requête certaines déclarations dont le libellé est standard. Ces déclarations concernent :

l'identité de l'inventeur;  
le droit du déposant, à la date du dépôt international, de demander et d'obtenir un brevet;  
le droit du déposant, à la date du dépôt international, de revendiquer la priorité d'une demande antérieure;  
la qualité d'inventeur (uniquement aux fins de la désignation des États-Unis d'Amérique); et  
les divulgations non opposables ou les exceptions au défaut de nouveauté.

Il s'agit des mêmes points que ceux pour lesquels les offices désignés et élus peuvent exiger des documents ou de preuves au cours de la phase nationale de traitement. En incluant ces déclarations dans la requête, le déposant peut facilement satisfaire aux diverses exigences des législations nationales au moment du dépôt de la demande internationale, au lieu d'attendre l'entrée dans la phase nationale de traitement auprès des offices désignés ou élus.

En conséquence de ces déclarations par le déposant, soit sur le Formulaire de requête, soit par le biais de déclarations soumises ultérieurement au cours de la phase internationale, les Offices désignés ou élus ne peuvent exiger du déposant des documents ou pièces à l'appui de cette déclaration, à moins d'avoir des raisons de mettre en doute certains des renseignements contenus dans ces déclarations.

Pour plus d'informations sur des modifications, veuillez vous reporter au document PCT/A/28/5 (rapport de l'assemblée), disponible sur le site Internet de l'OMPI à l'adresse suivante : [www.wipo.int/fre/document/govbody/wo\\_pct/index\\_28.htm](http://www.wipo.int/fre/document/govbody/wo_pct/index_28.htm).

#### Réserve canadienne

Le Bureau canadien des brevets a notifié le Bureau international de l'OMPI, en date du 10 novembre 2000, que la règle 51bis.2(a)(ii) du PCT, ayant rapport au droit du déposant de demander et d'obtenir un brevet, se révélait en contradiction avec l'article 37 des *Règles sur les brevets*. En conséquence, la règle 51bis.2(a)(ii) ne sera pas mise en vigueur dans les cas où

## Notices

words, even though an applicant may submit a declaration concerning his entitlement to apply for and be granted a patent, the applicant must still satisfy the requirements of s.37 of the *Canadian Patent Rules* upon entry into the national phase in Canada.

### **21. International Patent Classification Class Symbols and Titles**

In January 1990, the Canadian Patent Office adopted the International Patent Classification (IPC) system for classifying patent documents having a number greater than 2,000,000. In the seventh edition, which has been in force since January 1, 2000, the IPC is divided into 8 sections, 120 classes, 628 subclasses and approximately 69,000 sub-groups. The titles of these 69,000 sub groups are listed in the elaborations of the International Patent Classification and can be consulted at: [http://classifications.wipo.int/fulltext/new\\_ipc/index.htm](http://classifications.wipo.int/fulltext/new_ipc/index.htm).

Please consult the Patent Office Record vol. 123, No 1 (January 3, 1995) for a list of the class titles of the Canadian Classification system for patents having a number less than 2,000,000.

### **22. Laid-Open Applications**

The Patent Office Record of February 27, 2001 contains laid-open applications from February 4, 2001 - February 10, 2001.

le Canada est l'Office désigné ou élu, tant que cette contradiction avec la loi canadienne demeurera. En d'autres termes, quoique le déposant puisse soumettre une déclaration indiquant son droit de demander et d'obtenir un brevet, il doit tout de même satisfaire aux exigences de l'article 37 des *Règles sur les brevets* lorsque débute la phase nationale canadienne.

### **21. Symboles et titres des classes de la Classification Internationale**

En janvier 1990, le Bureau canadien des brevets a adopté la classification internationale des brevets (CIB) comme système de classification primaire pour les documents de brevets portant un numéro supérieur à 2,000,000. Dans sa septième édition, en vigueur depuis le 1er janvier 2000, la CIB comprend les subdivisions suivantes: 8 sections, 120 classes, 628 sous-classes et environ 69,000 groupes. Les descriptions de ces 69,000 groupes sont rassemblés dans un ouvrage intitulé "Classification internationale des brevets" et peuvent être consultées à : [http://classifications.wipo.int/fulltext/new\\_ipc/index.htm](http://classifications.wipo.int/fulltext/new_ipc/index.htm).

Veillez consulter la Gazette du Bureau des brevets Vol. 123 No 1 (3 janvier 1995) pour la liste des titres des classes canadiennes pour les brevets portant un numéro inférieur à 2,000,000.

### **22. Demandes Canadiennes mises à la disponibilité du public**

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 4 février 2001 - 10 février 2001.

## Avis

# Canadian Patents Issued

February 27, 2001

## Brevets canadiens délivrés

27 février 2001

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[11] **1,341,186**  
[13] C

[52] 362-9  
[51] **Int.Cl. 6C02F 3/08**  
[25] EN  
[54] **PELLET MEDIA TO SUPPORT GROWTH OF MICROORGANISMS AND SYSTEMS FOR THE UTILIZATION OF SAME**  
[54] **MILIEU SOUS FORME DE GRANULES POUR ACTIVER LA CROISSANCE DE MICROORGANISMES; SYSTEMES PERMETTANT D'UTILISER CE MILIEU**

[72] Van Toever, James Wayne, CA  
[73] Van Toever, James Wayne, CA  
[21] **557,035**  
[22] 1988-01-21  
[30] US (005,881) 1987-01-21

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[11] **1,341,187**  
[13] C

[52] 167-307 167-308  
[51] **Int.Cl. 7A61K 7/06**  
[25] FR  
[54] **COMPOSITION POUR INDUIRE ET STIMULER LA CROISSANCE DES CHEVEUX ET/OU FREINER LEUR CHUTE, A BASE D'UN TENSIO-ACTIF NON IONIQUE ET D'UN DERIVE DE PYRIMIDINE**  
[54] **COMPOSITION TO INDUCE AND STIMULATE THE GROWTH OF HAIR AND/OR SLOW DOWN THEIR SHEDDING, BASED ON A NONIONIC SURFACTANT AND A PYRIMIDINE DERIVATIVE**

[72] Grollier, Jean-Francois, FR  
[73] L' OREAL, FR  
[21] **584,990**  
[22] 1988-12-05  
[30] LU (87067) 1987-12-04

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[11] **1,341,188**  
[13] C

[52] 167-302  
[51] **Int.Cl. 7A61K 7/13**  
[25] FR  
[54] **COMPOSITION DE TEINTURE DES FIBRES KERANITIQUES METTANT EN OEUVRE UN COLORANT INDOLIQUE ET AU MOINS UNE PARAPHENYLENEDIAMINE DISUBSTITUEE SUR L'UN DES GROUPEMENTS AMINO ET PROCEDES DE MISE EN OEUVRE**  
[54] **DYE COMPOSITION FOR KERATINIC FIBERS USING INDOLIC COLORANT AND AT LEAST ONE PARAPHENYLENE DIAMINE DISUBSTITUTED ON ONE OF THE AMINO GROUP, AND PROCESS FOR APPLICATION**

[72] Grollier, Jean-Francois, FR  
[73] L'OREAL, FR  
[21] **590,443**  
[22] 1989-02-08  
[30] LU (87.128) 1988-02-08

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[11] **1,341,189**  
[13] C

[52] 167-304 167-307  
[51] **Int.Cl. 7A61K 7/06 7A61K 7/11 7A61K 7/075 7A61K 7/40**  
[25] FR  
[54] **UTILISATION DE L'ACIDE 2-HYDROXY-4-METHOXYBENZOPHENONE-5-SULFONIQUE OU DE SES SELS POUR LA PROTECTION DES CHEVEUX CONTRE LES AGRESSIONS ATMOSPHERIQUES, ET EN PARTICULIER CONTRE LA LUMIERE, ET PROCEDE DE PROTECTION DES CHEVEUX UTILISANT CE COMPOSE**  
[54] **USE OF 2-HYDROXY-4-METHOXYBENZOPHENONE-5-SULFONIC ACID OR ITS SALTS FOR THE PROTECTION OF HAIR AGAINST ATMOSPHERIC AGRESSIONS, AND PARTICULARLY AGAINST LIGHT, AND PROCESS FOR HAIR PROTECTION WITH THIS COMPOUND**

[72] Grollier, Jean-Francois, FR  
[72] Dubief, Claude, FR  
[73] L'OREAL, FR  
[21] **590,897**  
[22] 1989-02-13  
[30] LU (87.130) 1988-02-11

Canadian Patents Issued  
February 27, 2001

[11] **1,341,190**  
[13] C

[52] 195-1.18 195-1.19 195-1.29 195-1.38  
[51] **Int.Cl. 7C12N 15/11 7C12N 15/70**  
**7C12N 1/21**

[25] FR  
[54] **PROCEDE POUR L'INTEGRATION D'UN GENE CHOISI SUR LE CHROMOSOME D'UNE BACTERIE OBTENUE PAR LEDIT PROCEDE**  
[54] **PROCESS FOR THE INTEGRATION OF A CHOSEN GENE INTO A CHROMOSOME OF A BACTERIA, AND BACTERIA OBTAINED BY THE PROCESS**

[72] Richaud, Francois, FR

[72] Jarry, Bruno, FR

[72] Takinami, Koichi, FR

[72] Kurahashi, Osamu, FR

[72] Beyou, Anne, FR

[73] EUROLYSINE, FR

[21] **591,622**

[22] 1989-02-21

[30] FR (88 02 078) 1988-02-22

[11] **1,341,192**  
[13] C

[52] 195-1.20 195-1.27 195-1.29  
[51] **Int.Cl. 7C12N 15/11 7C12N 1/19**  
**7C12N 15/63**

[25] FR  
[54] **PROCEDE DE PREPARATION D'UNE PROTEINE PAR DES LEVURES UTILISANT UN SYSTEME INDUCTIBLE, VECTEURS ET SOUCHES TRANSFORMEES CORRESPONDANTES**

[54] **PROCESS FOR THE PREPARATION OF A PROTEIN BY YEASTS USING AN INDUCIBLE SYSTEM, CORRESPONDING VECTORS & TRANSFORMED STRAINS**

[72] Chambon, Pierre Henri, FR

[72] Metzger, Daniel, FR

[72] White, John, FR

[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR

[21] **604,628**

[22] 1989-06-30

[30] FR (88 08978) 1988-07-01

[11] **1,341,194**  
[13] C

[52] 167-302  
[51] **Int.Cl. 7A61K 7/13 7A45D 19/00**  
[25] FR

[54] **COMPOSITION DE TEINTURE DE FIBRE KERATINIQUE CONTENANT DES BASES D'OXYDATION DITES "DOUBLES" ET DES BASES D'OXYDATION DITES "SIMPLES", ET PROCEDE DE TEINTURE LA METTANT EN OEUVRE**  
[54] **DYE COMPOSITION FOR KERATINIC FIBER CONTAINING "DOUBLE" OXIDATION BASES AND "SIMPLE" OXIDATION BASES, AND DYEING PROCESS USING THE COMPOSITION**

[72] Madrange, Annie, FR

[72] Millequant, Jean-Marie, FR

[73] L'OREAL, FR

[21] **610,752**

[22] 1989-09-08

[30] FR (88 11739) 1988-09-08

[11] **1,341,191**  
[13] C

[52] 195-1.109 150-8.5 167-37 167-139 195-1.12

[51] **Int.Cl. 7C12N 15/12 7C07K 16/18**  
**7C12Q 1/68 7G01N 33/574 7G01N 33/577**  
**7C12P 21/08**

[25] EN

[54] **DETECTION OF NEU GENE EXPRESSION AND PRODUCTS**

[54] **DETECTION DE L'EXPRESSION DU GENE NEU ET PRODUITS ASSOCIES**

[72] Weinberg, Robert A, US

[72] Mazzara, Gail, P., US

[72] Morgan, Jonathan H., US

[72] McKenzie, Sara J., US

[72] Marks, Paula J., US

[73] BAYER CORPORATION, US

[21] **597,017**

[22] 1989-04-18

[30] US (182,501) 1988-04-18

[30] US (297,188) 1989-01-13

[11] **1,341,193**  
[13] C

[52] 167-0301

[51] **Int.Cl. 7A61K 7/06 7A61K 7/11**  
**7A61K 7/42**

[25] FR

[54] **COMPOSITION COSMETIQUE CAPILLAIRE A BASE DE POLYORGANOSILOXANES A FONCTION HYDROXYALKYLE**  
[54] **CAPILLARY COSMETIC COMPOSITION CONTAINING HYDROXYALKYL POLYORGANOSILOXANES**

[72] Grollier, Jean-Francois, FR

[72] Dubief, Claude, FR

[72] Dupuis, Christine, FR

[73] L'OREAL, FR

[21] **605,470**

[22] 1989-07-12

[30] LU (87273) 1988-07-12

[11] **1,341,195**  
[13] C

[52] 167-302  
[51] **Int.Cl. 7A61K 7/13**  
[25] FR

[54] **COMPOSITION TINCTORIALES POUR FIBRE KERATINIQUE ET PROCEDES DE TEINTURE METTANT EN OEUVRE CES COMPOSITIONS**  
[54] **TINCTORIAL COMPOSITIONS FOR KERATINIC FIBERS AND PROCESS USING THESE DYEING COMPOSITIONS**

[72] Junino, Alex, FR

[72] Lang, Gerard, FR

[72] Vandebossche, Jean Jacques, FR

[73] L'OREAL, FR

[21] **611,132**

[22] 1989-09-12

[30] LU (87337) 1988-09-12

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27 février 2001**

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[11] **2,005,086**  
[13] C

[51] **Int.Cl. 5C08G 8/28 5C08G 59/04**  
[25] EN  
[54] **CONCURRENT ADDITION  
PROCESS FOR PREPARING HIGH  
PURITY EPOXY RESINS**  
[54] **PROCEDE D'ADDITION  
SIMULTANEE POUR PREPARER DES  
RESINES EPOXYDIQUES  
PRESENTANT UN DEGRE ELEVE DE  
PURETE**  
[72] Liao, Zeng-Kun, US  
[72] Wang, Chun S., US  
[73] THE DOW CHEMICAL COMPANY,  
US  
[22] 1989-12-11  
[30] US (283,400) 1988-12-12

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[11] **2,012,267**  
[13] C

[51] **Int.Cl. 5C07D 493/08 5A61K 31/41  
5A61K 31/445**  
[25] EN  
[54] **INTERPHENYLENE 7-  
OXABICYCLOHEPTYL SUBSTITUTED  
HETEROCYCLIC AMIDE  
PROSTAGLANDIN ANALOGS USEFUL  
IN THE TREATMENT OF  
THROMBOTIC AND VASOSPASTIC  
DISEASE**  
[54] **AMIDE HETEROCYCLIQUE  
SUBSTITUE D'INTERPHENYLENE 7-  
OXABICYCLOHEPTYL ANALOGUE  
DES PROSTAGLANDINES UTILE DANS  
LE TRAITEMENT DES THROMBOSES  
ET DES SPASMES VASCULAIRES**  
[72] Misra, Raj Narain, US  
[73] E.R. SQUIBB & SONS, INC., US  
[22] 1990-03-15  
[30] US (334,070) 1989-04-03

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[11] **2,014,013**  
[13] C

[51] **Int.Cl. 5B01D 35/04**  
[25] EN  
[54] **A FLOW RESTRICTOR AND  
STRAINER ASSEMBLY FOR A TOILET  
TANK FILL VALVE AND THE LIKE**  
[54] **UN BLOC FILTRE-REDUCTEUR  
DE DEBIT POUR ROBINET DE  
REMPLISSAGE DE RESERVOIR DE W.-  
C. ET AUTRES ELEMENTS  
SIMILAIRES**  
[72] Schrock, Donald C., US  
[72] Johnson, Dwight N., US  
[73] Masco Corporation of Indiana, US  
[22] 1990-04-06  
[30] US (07/343,779) 1989-04-26

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[11] **2,014,460**  
[13] C

[51] **Int.Cl. 5B32B 27/10 5D21H 19/22  
5B32B 31/30 5B32B 27/32**  
[25] EN  
[54] **LAMINATED FILM OR SHEET  
AND BOX-SHAPED VESSEL  
PREPARED THEREFROM**  
[54] **PELLICULE OU FEUILLE  
STRATIFIEES, ET RECIPIENT EN  
FORME DE BOITE FABRIQUE A  
PARTIR DE CES MATERIAUX**  
[72] Noritomi, Katsumi, JP  
[72] Shigemoto, Hiromi, JP  
[73] MITSUI CHEMICALS, INC., JP  
[22] 1990-04-12  
[30] JP (95292/89) 1989-04-17  
[30] JP (95293/89) 1989-04-17  
[30] JP (125413/89) 1989-05-18  
[30] JP (128668/89) 1989-05-24

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[11] **2,014,744**  
[13] C

[51] **Int.Cl. 5G05D 16/00**  
[25] EN  
[54] **PRESSURE REGULATOR  
REGULATEUR DE PRESSION**  
[72] Esola, John L., US  
[72] Kessler, David L., US  
[73] M&FC Holding Company, Inc., US  
[22] 1990-04-18  
[30] US (354,499) 1989-05-19

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[11] **2,016,175**  
[13] C

[51] **Int.Cl. 5C07C 43/04 5C07C 69/02  
5C10M 107/32 5C10M 107/34**  
[25] EN  
[54] **LUBRICATING OIL FOR  
COMPRESSION-TYPE  
REFRIGERATORS AND  
POLYOXYALKYLENE GLYCOL  
DERIVATIVE**  
[54] **HUILE LUBRIFIANTE POUR  
REFRIGERATEUR A COMPRESSEUR  
ET DERIVES DE GLYCOL  
POLYOXYALKYLENE**  
[72] Kaneko, Masato, JP  
[72] Shimizu, Nobuaki, JP  
[72] Kawaguchi, Yasuhiro, JP  
[73] IDEMITSU KOSAN COMPANY  
LIMITED, JP  
[22] 1990-05-07  
[30] JP (113646/1989) 1989-05-08  
[30] JP (274789/1989) 1989-10-24  
[30] JP (033669/1990) 1990-02-16

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[11] **2,017,079**  
[13] C

[51] **Int.Cl. 5C22B 3/04**  
[25] EN  
[54] **THE LEACHING OF FINELY  
MILLED MATERIALS**  
[54] **LESSIVAGE DE MATERIAUX  
FINEMENT BROYES**  
[72] Liddell, Keith Stuart, ZA  
[72] Evans, Dennis Edward, ZA  
[73] METPROTECH PACIFIC  
(PROPRIETARY) LIMITED, AU  
[22] 1990-05-17

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[11] **2,017,837**  
[13] C

[51] **Int.Cl. 5D01G 1/04 5D01G 13/00**  
[25] EN  
[54] **STAPLE FIBERS AND PROCESS  
FOR MAKING THEM**  
[54] **FIBRES TEXTILES ET PROCEDE  
DE FABRICATION**  
[72] Rodini, David Joseph, US  
[73] DU PONT (E. I.) DE NEMOURS AND  
COMPANY, US  
[22] 1990-05-30  
[30] US (361,319) 1989-06-05

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[11] **2,018,123**  
[13] C

[51] **Int.Cl. 5A47B 47/00**  
[25] EN  
[54] **ADJUSTABLE SELF SUPPORTING  
LOCKER SHELF AND METHOD FOR  
INSTALLING SAME**  
[54] **TABLETTE AUTOPORTANTE,  
REGLABLE, POUR ARMOIRE-  
VESTIAIRE, ET METHODE  
D'INSTALLATION**  
[72] Santucci, Donald G., US  
[73] Santucci, Donald G., US  
[22] 1990-06-01  
[30] US (07/360,283) 1989-06-02

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[11] **2,020,690**  
[13] C

[51] **Int.Cl. 5D21H 25/00**  
[25] EN  
[54] **MULTI-NIP HIGH-SPEED PAPER  
CONVERTING**  
[54] **METHODE DE  
TRANSFORMATION DU PAPIER  
MULTI-CONTACT ET HAUTE VITESSE**  
[72] Schulz, Galyn A., US  
[73] James River Corporation of Virginia, US  
[22] 1990-07-09  
[30] US (377,586) 1989-07-10

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[11] 2,022,177  
[13] C  
[51] Int.Cl. 5C12N 15/55 6A61K 38/46  
5C12N 9/80  
[25] EN  
[54] ARGININE DEIMINASE, ITS  
MANUFACTURING METHOD, AND AN  
ANTI-CANCER AGENT CONTAINING  
THIS ENZYME AS AN EFFECTIVE  
INGREDIENT  
[54] ARGININE DEIMINASE,  
METHODE DE PRODUCTION, ET  
AGENT ANTI-CANCEREUX  
CONTENANT CETTE ENZYME  
COMME INGREDIENT EFFICACE  
[72] Takaku, Haruo, JP  
[72] Miyazaki, Kaoru, JP  
[72] Aoshima, Miho, JP  
[73] Japan Energy Corporation, JP  
[22] 1990-07-27  
[30] JP (200902/1989) 1989-08-02

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[11] 2,022,480  
[13] C  
[51] Int.Cl. 6C07K 1/00 5B01J 19/08  
[25] EN  
[54] PROCESS FOR CROSS-LINKING  
COLLAGENOUS MATERIALS AND  
RESULTING PRODUCT  
[54] PROCEDE DE RETICULATION DE  
MATIERES COLLAGENES ET  
PRODUIT  
[72] Mechanic, Gerald L., US  
[73] University of North Carolina at Chapel  
Hill, US  
[22] 1990-08-01  
[30] US (388,003) 1989-08-02  
[30] US (557,639) 1990-07-30

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[11] 2,022,925  
[13] C  
[51] Int.Cl. 5C08L 9/00 5B01J 19/00  
[25] EN  
[54] A PROCESS FOR THE  
PREPARATION OF RUBBER-  
REINFORCED MONOVINYLDENE  
AROMA TIC POLYMERS  
[54] METHODE DE PREPARATION DE  
POLYMERES MONOVINYLDENE-  
AROMATIQUES  
[72] Aerts, Ludo M., BE  
[72] van Nuffel, Claude T. E., BE  
[72] Alle, Narasaiah, BE  
[73] THE DOW CHEMICAL COMPANY,  
US  
[22] 1990-08-08  
[30] GB (8918157.2) 1989-08-09

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[11] 2,023,520  
[13] C  
[51] Int.Cl. 5C12N 1/14 5A01N 63/04  
[25] EN  
[54] SAPSTAIN CONTROL METHOD  
USING MARIANNAEA ELEGANS  
[54] METHODE DE PREVENTION DES  
TACHES DE LA COULEUR DE  
L'AUBIER PAR INOCULATION DE  
MARIANNES ELEGANS  
[72] Seifert, Keith, CA  
[72] Breuil, Colette, CA  
[72] Mes-Hartree, Mary, CA  
[73] Forintek Canada Corp., CA  
[22] 1990-08-17  
[30] US (395,497) 1989-08-17

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[11] 2,024,369  
[13] C  
[51] Int.Cl. 5D04H 11/00 5D05C 15/00  
[25] EN  
[54] INCREASED PILE DENSITY  
COMPOSITE ELASTIC MATERIAL  
[54] MATERIAU ELASTIQUE  
COMPOSITE A PELUCHE A DENSITE  
ACCURUE  
[72] Cohen, Bernard, US  
[72] Roeder, Robert Jon, US  
[72] Shultz, Jay Shildon, US  
[72] Venkatapathy, Raju, US  
[73] KIMBERLY-CLARK WORLDWIDE,  
INC., US  
[22] 1990-08-30  
[30] US (414,482) 1989-09-29

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[11] 2,024,796  
[13] C  
[51] Int.Cl. 5C07C 303/36 5C07C 311/65  
[25] EN  
[54] PROCESS FOR PRODUCING  
CHLOROSULFONYL ISOCYANATE  
[54] PROCEDE DE PRODUCTION  
D'ISOCYANATE DE  
CHLOROSULFONYL  
[72] Nakamura, Akira, JP  
[72] Segawa, Hirozo, JP  
[72] Noguchi, Shizuo, JP  
[72] Shirakawa, Hideo, JP  
[72] Ataka, Tosiei, JP  
[72] Ono, Matsuo, JP  
[73] Kuraray Co., Ltd., JP  
[22] 1990-09-06

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[11] 2,024,902  
[13] C  
[51] Int.Cl. 5C07C 4/06 5C07C 11/06  
[25] EN  
[54] ENHANCED PRODUCTION OF  
PROPYLENE FROM HIGHER  
HYDROCARBONS  
[54] METHODE AMELIOREE POUR LA  
PRODUCTION DU PROPYLENE A  
PARTIR D'HYDROCARBURES PLUS  
COMPLEXES  
[72] Leyshon, David W., US  
[72] Jones, C. Andrew, US  
[72] Sofranko, John A., US  
[73] ARCO CHEMICAL TECHNOLOGY,  
INC., US  
[22] 1990-09-07  
[30] US (07/415,747) 1989-10-02

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[11] 2,025,598  
[13] C  
[51] Int.Cl. 5C12N 15/33 6C07K 19/00  
6C07K 14/02 6C07K 14/08 5C12N 5/10  
5A61K 39/12 5C12N 1/20  
[25] EN  
[54] CHIMAERIC HEPADNAVIRUS  
CORE ANTIGEN PROTEINS  
[54] PROTEINES D'ANTIGENE  
NUCLEOCAPSIDIQUE  
D'HEPADNAVIRUS CHIMERIQUE  
[72] Brown, Alan L., GB  
[72] Clarke, Berwyn E., GB  
[72] Brown, Alan L., GB  
[72] Rowlands, David J., GB  
[72] Clarke, Berwyn E., GB  
[72] Rowlands, David J., GB  
[73] Brown, Alan L.,  
[73] Rowlands, David J.,  
[73] Clarke, Berwyn E.,  
[73] The Wellcome foundation Limited,  
[22] 1990-09-18  
[30] GB (8921172.6) 1989-09-19  
[30] GB (9017728.8) 1990-08-13

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[11] 2,026,072  
[13] C  
[51] Int.Cl. 5C08L 59/00 5C08L 51/00  
[25] EN  
[54] POLYACETAL RESIN  
COMPOSITION AND SLIDING  
MEMBER  
[54] COMPOSE DE POLYACETOL ET  
ELEMENT DE GLISSIERE  
[72] Endo, Toshihiko, JP  
[72] Kanoto, Osamu, JP  
[72] Takayama, Katsunori, JP  
[72] Matsunaga, Nobuyuki, JP  
[73] Polyplastics Co., Ltd., JP  
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[30] JP (JP1/248,809) 1989-09-25

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[13] C

[51] **Int.Cl. 5C11D 17/04 5C11D 7/44 5A61K 7/48**  
[25] EN  
[54] **CITRUS OIL COMPOSITIONS WITH USES THEREOF**  
[54] **PRODUITS DE NETTOYAGE A L'HUILE D'ORANGE**  
[72] Low, Phillip A., US  
[72] Greenspan, Douglas H., US  
[73] Greenspan, Douglas H., US  
[73] Ingram, William J., US  
[22] 1990-09-26  
[30] US (07/413,395) 1989-09-27

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[11] **2,026,413**  
[13] C

[51] **Int.Cl. 5D03D 9/00 5B29C 47/06**  
[25] EN  
[54] **STABILISED FABRICS**  
[54] **TISSUS STABILISES**  
[72] De Meyer, Willy, BE  
[72] Coehoorn, Marc P., NL  
[73] Milliken Europe N.V., BE  
[73] Vredestein Icopro B.V., NL  
[22] 1990-09-27  
[30] GB (8921938.0) 1989-09-28  
[30] NL (8902868) 1989-11-21  
[30] NL (8902869) 1989-11-21

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[11] **2,027,099**  
[13] C

[51] **Int.Cl. 5C08L 23/00 5B29C 47/00**  
[25] EN  
[54] **A POLYMER COMPOSITION CONTAINING AN EXTRUSION PROCESSING AID COMPRISING A FLUOROCARBON ELASTOMER AND VINYLIDENE FLUORIDE**  
[54] **COMPOSITION POLYMERIQUE RENFERMANT UN AGENT A BASE D'ELASTOMERE FLUOROCARBONE ET DE 1,1-DIFLUOROETHYLENE, POUR FACILITER L'EXTRUSION**  
[72] Chapman, George Richard, Jr., US  
[72] Priestler, Donnan Edwin, US  
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[22] 1990-10-05  
[30] US (418,006) 1989-10-06

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[11] **2,027,267**  
[13] C

[51] **Int.Cl. 5B29C 47/00 5C08J 9/04 5B29C 67/20**  
[25] EN  
[54] **METHOD AND APPARATUS FOR HOLLOW CORE EXTRUSION OF HIGH VISCOSITY MATERIALS**  
[54] **PROCEDE ET DISPOSITIF D'EXTRUSION DE PROFILS CREUX EN MATERIAUX DE VISCOSITE ELEVEE**  
[72] Trevathan, Larry C., US  
[72] Hoover, Scott, US  
[72] Smith, James C., US  
[73] NORDSON CORPORATION, US  
[22] 1990-10-10  
[30] US (434,357) 1989-11-13

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[11] **2,028,034**  
[13] C

[51] **Int.Cl. 5A01G 3/00**  
[25] EN  
[54] **APPARATUS FOR THE RADIAL CENTRIFUGAL ADVANCE OF THE CORDS FROM THE GRASS-CUTTING HEADS FOR TRIMMERS AND OTHER**  
[54] **APPAREIL POUR L'AVANCE RADIALE CENTRIFUGE DES CORDONS DES TETES COUPEUSES DE COUPE-GAZON**  
[72] Arnetoli, Fabrizio, IT  
[73] Arnetoli Motor di Arnetoli Fabrizio, IT  
[22] 1990-10-19  
[30] IT (9554 A/89) 1989-10-30  
[30] IT (9451 A/90) 1990-07-19

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[11] **2,029,627**  
[13] C

[51] **Int.Cl. 5C09D 183/07**  
[25] EN  
[54] **COATING COMPOSITION**  
[54] **COMPOSE DE REVETEMENT**  
[72] Inoue, Masaharu, JP  
[72] Furukawa, Hisao, JP  
[72] Kato, Yasushi, JP  
[72] Isayama, Katsuhiko, JP  
[73] Kanegafuchi Kagaku Kogyo Kabushiki Kaisha, JP  
[22] 1990-11-09  
[30] JP (HEI 1-293177) 1989-11-10

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[11] **2,031,901**  
[13] C

[51] **Int.Cl. 5B03C 1/10 5B01J 19/08**  
[25] EN  
[54] **MAGNETIC ELEMENT WITH MAGNESIUM COIL FOR FILTER**  
[54] **ELEMENT MAGNETIQUE A BOBINE DE MAGNESIUM POUR FILTRE**  
[72] Hebert, Alfred M., US  
[73] Hebert, Alfred M., US  
[22] 1990-12-10  
[30] US (448,533) 1989-12-11

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[11] **2,033,377**  
[13] C

[51] **Int.Cl. 5B07C 5/28**  
[25] EN  
[54] **MAIL PIECE WEIGHT QUALITY CONTROL SYSTEM AND METHOD**  
[54] **SYSTEME DE CONTROLE DE QUALITE DESTINE AU PESAGE DE PIECES POSTALES ET METHODE CONNEXE**  
[72] Metelits, Stanley E., US  
[72] Sansone, Ronald P., US  
[73] PITNEY BOWES INC., US  
[22] 1990-12-28  
[30] US (459,418) 1990-01-02

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[11] **2,033,797**  
[13] C

[51] **Int.Cl. 5B32B 5/08 5D06N 3/14**  
[25] FR  
[54] **BACHE OU MATERIAU SIMILAIRE PRESENTANT UNE RESISTANCE A LA DECHIRURE AMELIOREE**  
[54] **TARPAULIN OR SIMILAR MATERIAL WITH IMPROVED TEAR RESISTANCE**  
[72] Prudhomme, Pierre, FR  
[73] Tissus Techniques de Trevoux, FR  
[22] 1991-01-08  
[30] FR (90 01585) 1990-02-06  
[30] FR (90 08583) 1990-07-02

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[11] 2,037,840  
[13] C

[51] Int.Cl. 5B23K 11/06  
[25] EN  
[54] SLIDING CONTACT ROLLER  
HEAD  
[54] TETE DE SOUDAGE AVEC  
DISQUES A CONTACT GLISSANT  
[72] Taiana, Peter, CH  
[72] Portmann, Niklaus, CH  
[72] D'Aniello, Alfonso, CH  
[72] Urech, Werner, CH  
[73] ELPATRONIC AG, CH  
[22] 1991-03-08  
[30] CH (01 818/90) 1990-05-29

[11] 2,037,908  
[13] C

[51] Int.Cl. 5C21D 8/02 5C21D 9/02  
5C21D 9/52  
[25] EN  
[54] PROCESS FOR PRODUCING HIGH  
STRENGTH STAINLESS STEEL OF  
DUPLEX STRUCTURE HAVING  
EXCELLENT SPRING LIMIT VALUE  
[54] PROCEDE DE FABRICATION  
D'ACIER INOXYDABLE A HAUTE  
RESISTANCE, A DOUBLE  
STRUCTURE, PRESENTANT  
D'EXCELLENTE  
CARACTERISTIQUES DU POINT DE  
VUE DE L'ELASTICITE  
[72] Miyakusu, Katsuhisa, JP  
[72] Tanaka, Teruo, JP  
[72] Fujimoto, Hiroshi, JP  
[72] Toyokihara, Chizui, JP  
[73] Nisshin Steel Co., Ltd., JP  
[85] 1991-03-20  
[86] 1990-07-19 (PCT/JP90/00930)  
[87] (WO91/01385)  
[30] JP (190274/1989) 1989-07-22

[11] 2,038,113  
[13] C

[51] Int.Cl. 5A62B 7/14 5B64D 13/04  
[25] EN  
[54] AIRCRAFT AIRCREW LIFE  
SUPPORT APPARATUS  
[54] APPAREIL DE BORD DESTINE A  
LA SURVIE  
[72] Foote, James Conway, GB  
[72] Harral, Michael William, GB  
[72] Rowland, Peter John, GB  
[73] NORMALAIR-GARRETT  
(HOLDINGS) LIMITED, GB  
[22] 1991-03-12  
[30] GB (9005562.5) 1990-03-13

[11] 2,038,249  
[13] C

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[25] EN  
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[54] PANNEAUX DE PLANCHER POUR  
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[72] Fouquet, Robert J-M., CA  
[73] Ainsworth Lumber Co. Ltd., CA  
[22] 1991-03-14

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[13] C

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[54] BOUCHON DE GAZ ANGULAIRE,  
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[72] Trapani, Richard D., US  
[72] Hacker, Martin E., US  
[72] Turner, Melvyn E., US  
[72] Taylor, Ronald, US  
[72] Rotolico, Anthony J., US  
[73] SULZER METCO (US) INC., US  
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[13] C

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[54] COMMUTATEUR  
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[72] Kelly, Ronald Wilmer, US  
[72] Fuller, Kennett Ray, US  
[73] GENERAL ELECTRIC COMPANY,  
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[85] 1991-04-25  
[86] 1990-06-14 (PCT/US90/03435)  
[87] (WO91/05357)  
[30] US (415,662) 1989-10-02  
[30] US (505,964) 1990-04-06

[11] 2,045,712  
[13] C

[51] Int.Cl. 5D04H 1/00  
[25] EN  
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STITCHBONDED FABRIC  
[54] PROCEDE DE FABRICATION DE  
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[72] Zafiroglu, Dimitri Peter, US  
[73] XYMID L.L.C., US  
[22] 1991-06-26  
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[11] 2,045,850  
[13] C

[51] Int.Cl. 5C23F 13/02 5C23F 13/12  
[25] EN  
[54] METHOD FOR PROVIDING  
CATHODIC PROTECTION OF  
UNDERGROUND STRUCTURES  
[54] METHODE VISANT A ASSURER  
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POUR STRUCTURES SOUTERRAINES  
[72] Russell, Gordon I., CA  
[73] HER MAJESTY THE QUEEN IN  
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[11] 2,046,502  
[13] C

[51] Int.Cl. 5A47J 31/40 5A47J 31/06  
[25] EN  
[54] PROCESS FOR THE EXTRACTION  
OF OPEN CARTRIDGES OF COFFEE, A  
COFFEE CARTRIDGE AND AN  
EXTRACTION DEVICE FOR  
CARRYING OUT THE PROCESS  
[54] METHODE D'EXTRACTION DE  
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[72] Fond, Olivier, CH  
[73] SOCIETE DES PRODUITS NESTLE  
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[54] **PROCESS FOR PREPARING  
HEPARIN CALCIUM**  
[54] **MODE DE PREPARATION  
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[72] Orozco, José-Luis, FR  
[72] Dargelosse, Martine, FR  
[72] Branellec, Jean-François, FR  
[72] Langlois, Claude, FR  
[72] Cornet, Philippe, FR  
[73] SANOFI-SYNTHELABO, FR  
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[30] FR (90 09 653) 1990-07-27

[11] **2,050,059**  
[13] C

[51] **Int.Cl. 5G01S 13/94 5G01S 13/04  
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[25] EN  
[54] **AIRCRAFT RADAR ALTIMETER  
WITH MULTIPLE TARGET  
TRACKING CAPABILITY**  
[54] **ALTIMETRE RADAR D'AERONEF  
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[73] HONEYWELL INC., US  
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[13] C

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[54] **PRISE A VERROUILLAGE  
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[72] Murphy, Glenn L., US  
[72] Meath, Donald L., US  
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[73] HUBBELL INCORPORATED, US  
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[13] C

[51] **Int.Cl. 5B42D 12/00**  
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FORM SET**  
[54] **ENSEMBLE DE FORMULAIRE DE  
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[73] Moore Business Forms, Inc., US  
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[11] **2,056,468**  
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[54] **HUMIDIFICATEUR A L'EPREUVE  
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[72] Wang, Jui-Shang, TW  
[73] Honeywell Consumer Products, Inc.,  
[22] 1991-11-28  
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[13] C

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[25] EN  
[54] **HEAT BARRIER LAMINATE**  
[54] **PELLICULE A BARRIERE DE  
CHALEUR**  
[72] RAGLAND, G. William, US  
[72] BARNARD, Boyd A., US  
[72] SHERIDAN, William M., US  
[73] ATD Corporation, US  
[85] 1991-11-29  
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[30] US (360,835) 1989-05-30  
[30] US (395,399) 1989-08-17

[11] **2,057,403**  
[13] C

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[25] EN  
[54] **APPARATUS AND METHOD FOR A  
SPACE SAVING TRANSLATION  
LOOKASIDE BUFFER FOR CONTENT  
ADDRESSABLE MEMORY**  
[54] **DISPOSITIF ET METHODE POUR  
ECONOMISER L'ESPACE DANS UN  
TAMPOND'ADRESSES TRANSLATEES  
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[72] Mehring, Peter A., US  
[72] Becker, Robert D., US  
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[30] US (629,258) 1990-12-18

[11] **2,057,997**  
[13] C

[51] **Int.Cl. 5H02P 3/22 5D06F 23/00  
5H02P 3/20**  
[25] EN  
[54] **METHODS OF AND/OR  
APPARATUS FOR BRAKING AN  
ELECTRONICALLY COMMUTATED  
MOTOR AND/OR LAUNDRY  
MACHINES INCORPORATING THE  
SAME**  
[54] **APPAREIL PERMETTANT DE  
FREINER UN MOTEUR A  
COMMUTATION ELECTRONIQUE,  
METHODES CONNEXES ET  
LAVEUSES DE LINGE COMPORTANT  
CET APPAREIL**  
[72] Glucina, Anthony Philip, NZ  
[73] FISHER & PAYKEL LIMITED, NZ  
[22] 1991-12-18  
[30] NZ (236541) 1990-12-19

[11] **2,062,114**  
[13] C

[51] **Int.Cl. 5G01C 19/56**  
[25] EN  
[54] **SINGLE ENDED TUNING FORK  
INERTIAL SENSOR AND METHOD**  
[54] **DETECTEUR INERTIEL A  
DIAPASON A EXTREMITÉ UNIQUE, ET  
METHODE**  
[72] Macy, David F., US  
[73] NEW SD, Inc., US  
[22] 1992-03-02  
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HYDROCARBON  
DEHYDROGENATION CATALYST**  
[54] **CATALYSEUR DE  
DESHYDROGENATION  
D'HYDROCARBURES AROMATIQUES**  
[72] Murakami, Akira, JP  
[72] Unei, Hidemi, JP  
[72] Teranishi, Masayuki, JP  
[72] Ohta, Masaki, JP  
[73] **SUD-CHEMIE NISSAN CATALYSTS  
INC., JP**  
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[30] JP (3-123185) 1991-03-05

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[51] **Int.Cl. 5H02K 5/16**  
[25] EN  
[54] **METHOD OF ASSEMBLING AN  
ELECTRIC MOTOR TO ELIMINATE A  
SEPARATE ENDPLAY ADJUSTMENT**  
[54] **MODE D'ASSEMBLAGE D'UN  
MOTEUR ELECTRIQUE  
PERMETTANT D'ELIMINER LE  
REGLAGE DISTINCT DU JEU AXIAL**  
[72] Smith, Oscar, CA  
[73] **SIEMENS AUTOMOTIVE LIMITED,  
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[22] 1992-03-04  
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[51] **Int.Cl. 5A61K 47/18 5A61K 47/42**  
[25] EN  
[54] **METHODS FOR REDUCING NON-  
TARGET RETENTION OF  
IMMUNOCONJUGATES AND  
METABOLITES THEREOF**  
[54] **METHODS DE REDUCTION DE  
LA RETENTION NON RECHERCHEE  
D'IMMUNOCONJUGUES ET  
METABOLITES OBTENUS**  
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[72] Axworthy, Don, US  
[72] Wilkening, David, US  
[73] **NEORX CORPORATION, US**  
[85] 1992-03-30  
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[87] (WO91/04755)  
[30] US (415,055) 1989-09-29

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[51] **Int.Cl. 5G09F 3/04 5B31D 1/02 5C09J  
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[25] EN  
[54] **LABELS AND MANUFACTURE  
THEREOF**  
[54] **ETIQUETTES ET METHODE DE  
FABRICATION**  
[72] Instance, David John, GB  
[73] Instance, David John, GB  
[85] 1992-03-25  
[86] 1990-09-28 (PCT/GB90/01486)  
[87] (WO91/04850)  
[30] GB (8921924.0) 1989-09-28  
[30] GB (9009712.2) 1990-05-01

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[13] C  
[51] **Int.Cl. 5F16H 7/18 5B24B 21/20  
5B65G 15/64**  
[25] EN  
[54] **AUTOMATIC MECHANICAL  
CENTERING DEVICE FOR ENDLESS  
BELTS MOVING ON ROLLERS**  
[54] **DISPOSITIF DE CENTRAGE  
MECANIQUE AUTOMATIQUE POUR  
COURROIES SANS FIN SUR  
ROULEAUX**  
[72] Felici, Alberto, IT  
[73] **UNIBASE S.p.A., IT**  
[22] 1992-05-01  
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[51] **Int.Cl. 5F16B 13/06**  
[25] EN  
[54] **EXPANSION DOWEL WITH  
FRICTION REDUCING COATING**  
[54] **GOUJON DE DILATATION A  
REVETEMENT ANTI-FROTTEMENT**  
[72] Schiefer, Erwin, DE  
[73] **Hilti Aktiengesellschaft, LI**  
[22] 1992-05-13  
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[13] C  
[51] **Int.Cl. 5G01N 15/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
MEASURING FIBRE FLEXIBILITY**  
[54] **METHODE ET APPAREIL  
SERVANT A EVALUER LA SOUPLESSE  
DES FIBRES**  
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[72] Karlsson, Håkan, SE  
[72] Kastre, Lehard, SE  
[73] STFI, SE  
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[51] **Int.Cl. 5H02P 8/00 5G01B 7/30**  
[25] EN  
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MOTOR CONTROLLER**  
[54] **APPAREIL DE COMMANDE DE  
MOTEUR CC DIPHASE SANS BALAIS**  
[72] Kruse, David L., US  
[73] Kruse, David L., US  
[22] 1992-05-27  
[30] US (706,167) 1991-05-28

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[13] C  
[51] **Int.Cl. 5C08L 61/20 5C09D 167/00  
5C08L 67/00 5C09D 161/20**  
[25] EN  
[54] **AQUEOUS DISPERSIONS OF  
CROSS-LINKED POLYMER  
MICROPARTICLES**  
[54] **DISPERSIONS AQUEUSES DE  
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[72] Massone, Matthias, DE  
[73] **Bollig and Kemper KG, DE**  
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[30] DE (P 39 40 316.5) 1989-12-06

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[13] C

[51] **Int.Cl. 5G01C 19/66**  
[25] EN  
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[54] **ELIMINATEUR DE SIGNAUX DE SUPERPOSITION POUR GYROLASER**  
[72] Ignagni, Mario B., US  
[73] HONEYWELL INC., US  
[85] 1992-04-30  
[86] 1990-10-22 (PCT/US90/06056)  
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[30] US (07/430,215) 1989-11-01

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[13] C

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[25] FR  
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[54] **BOW FOR A STRING INSTRUMENT**  
[72] Rolland, Benoît Marie Pierre, FR  
[73] Rolland, Benoît Marie Pierre, FR  
[85] 1992-07-02  
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[87] (WO92/09068)  
[30] FR (90/14423) 1990-11-20

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[13] C

[51] **Int.Cl. 5H04S 3/00 5G11B 20/10 5H04B 1/66**  
[25] EN  
[54] **DECODER FOR VARIABLE-NUMBER OF CHANNEL PRESENTATION OF MULTIDIMENSIONAL SOUND FIELDS**  
[54] **DECODEUR POUR LA REPRODUCTION DE CHAMPS ACOUSTIQUES MULTIDIMENSIONNELS AU MOYEN DE CANAUX MULTIPLES**  
[72] Davis, Mark Franklin, US  
[72] Todd, Craig Campbell, US  
[73] DOLBY LABORATORIES LICENSING CORPORATION, US  
[85] 1992-09-04  
[86] 1992-01-08 (PCT/US92/00134)  
[87] (WO92/12608)  
[30] US (638,896) 1991-01-08  
[30] US (718,356) 1991-06-21

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[13] C

[51] **Int.Cl. 5C07C 7/148**  
[25] EN  
[54] **PROCESS FOR THE REMOVAL OF CARBON MONOXIDE FROM ALPHA-OLEFINS AND SATURATED HYDROCARBONS**  
[54] **METHODE POUR L'ELIMINATION DU MONOXYDE DE CARBONE DANS LES ALPHA-OLEFINES ET LES HYDROCARBURES SATURES**  
[72] Flammini, Roberto, IT  
[72] Patroncini, Giovanni, IT  
[73] MONTELL NORTH AMERICA INC., US  
[22] 1992-10-07  
[30] IT (MI 91 A 002666) 1991-10-08

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[11] **2,081,205**  
[13] C

[51] **Int.Cl. 5C07J 5/00 5C07J 9/00 5A61K 31/56**  
[25] EN  
[54] **STEROIDS WHICH INHIBIT ANGIOGENESIS**  
[54] **STEROIDES INHIBANT L'ANGIOGENESE**  
[72] Wilks, John W., US  
[72] DeKoning, Thomas F., US  
[72] Aristoff, Paul A., US  
[73] Upjohn Company (The), US  
[85] 1992-10-22  
[86] 1991-05-23 (PCT/US91/03459)  
[87] (WO91/19731)  
[30] US (536,894) 1990-06-11  
[30] US (609,661) 1990-11-06

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[13] C

[51] **Int.Cl. 5C07D 307/93**  
[25] FR  
[54] **NOUVEAU PROCEDE DE PREPARATION DE LA LACTONE DE L'ACIDE 1R, CIS 2,2-DIMETHYL 3-FORMYL CYCLOPROPANE-1-CARBOXYLIQUE ET INTERMEDIAIRES HALOGENES**  
[54] **NOVEL PROCESS FOR THE PREPARATION OF THE LACTONE OF 1R-CIS-2,2-DIMETHYL-3-FORMYL CYCLOPROPANE-1-CARBOXYLIC ACID, AND ITS HALOGENATED PRECURSORS**  
[72] Bhatnagar, Neerja, FR  
[72] Brion, Francis, FR  
[72] Colladant, Colette, FR  
[73] HOECHST MARION ROUSSEL, FR  
[22] 1992-11-06  
[30] FR (91-13776) 1991-11-08

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[13] C

[51] **Int.Cl. 5C07D 307/93 5C07C 62/02**  
[25] FR  
[54] **NOUVEAU PROCEDE DE PREPARATION DE LA LACTONE DE L'ACIDE 1R, CIS 2,2-DIMETHYL 3-FORMYL CYCLOPROPANE-1-CARBOXYLIQUE ET INTERMEDIAIRES**  
[54] **NOVEL PROCESS FOR THE PREPARATION OF THE LACTONE OF 1R-CIS-2,2-DIMETHYL-3-FORMYL CYCLOPROPANE-1-CARBOXYLIC ACID, AND ITS PRECURSORS**  
[72] Brion, Francis, FR  
[72] Colladant, Colette, FR  
[72] Lagouardat, Jacques, FR  
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[73] HOECHST MARION ROUSSEL, FR  
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[13] C  
[51] **Int.Cl. 5B41J 2/14 5B41J 2/16**  
[25] EN  
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[54] **COLLE D'ETANCHEITE POUR TETE D'IMPRESSION A JET D'ENCRE**  
[72] Childers, Winthrop D., US  
[72] Keefe, Brian J., US  
[72] Steinfield, Steven W., US  
[73] HEWLETT-PACKARD COMPANY, US  
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[13] C  
[51] **Int.Cl. 5A01N 25/04 5A01N 57/16 5A01N 33/18 5A01N 37/22**  
[25] EN  
[54] **CONTROLLED RELEASE COMPOSITION OF BIOCIDES IN AN AQUEOUS DISPERSION OF VISCOUS OIL**  
[54] **COMPOSITION A LIBERATION CONTROLLEE DE BIOCIDES PAR DISPERSION AQUEUSE D'UNE HUILE VISQUEUSE**  
[72] Lichti, Gottfried, AU  
[72] Flynn, Anthony Gerard, AU  
[72] Serban, Alexander, AU  
[72] Chen, Jin Ling, AU  
[72] Park, Darren James, AU  
[72] Jackson, William Roy, AU  
[72] Kibblewhite, Janine Joy, AU  
[72] Horne, Paul Anthony, AU  
[72] Wood, Daryl Kenneth, AU  
[73] AGRICULTURE VICTORIA SERVICES PTY LTD, AU  
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[87] (WO91/17657)  
[30] AU (PK 0209) 1990-05-18

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[13] C  
[51] **Int.Cl. 5E04G 7/00 5F16B 2/00 5F16B 7/00 5B21D 39/00 5F16B 2/20**  
[25] FR  
[54] **DISPOSITIF POUR L'ASSEMBLAGE DE DEUX ELEMENTS AINSI QUE LES ASSEMBLAGES OBTENUS**  
[54] **DEVICE FOR ASSEMBLING TWO ELEMENTS AND ASSEMBLY THEREOF**  
[72] Rossi, Roland, FR  
[73] Société de Fabrication et de Diffusion, FR  
[22] 1992-11-24  
[30] FR (91 14 479) 1991-11-25

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[13] C  
[51] **Int.Cl. 6C07K 17/10 5G01N 33/548**  
[25] EN  
[54] **MULTIVALENT DEXTRAN REAGENT FOR USE IN PRECIPITATION TESTS**  
[54] **REACTIF POLYVALENT A BASE DE DEXTRANE POUR UTILISATION DANS LES TESTS DE PRECIPITATION**  
[72] Karl, Johann, DE  
[72] Maier, Josef, DE  
[73] ROCHE DIAGNOSTICS GMBH, DE  
[22] 1992-12-03  
[30] DE (P 41 40 142.5) 1991-12-05

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[13] C  
[51] **Int.Cl. 5B41J 2/14 5B41J 2/16**  
[25] EN  
[54] **NOZZLE MEMBER INCLUDING INK FLOW CHANNELS**  
[54] **BUSE COMPRENANT DES VOIES D'ECOULEMENT DE L'ENCRE**  
[72] Schantz, Christopher A., US  
[72] Hanson, Eric G., US  
[72] Lam, Si-Ty, US  
[72] Mittelstadt, Laurie S., US  
[72] Pan, Alfred I., US  
[72] Lloyd, William J., US  
[72] McClelland, Paul H., US  
[73] HEWLETT-PACKARD COMPANY, US  
[22] 1992-12-04  
[30] US (862,669) 1992-04-02

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[11] **2,084,630**  
[13] C  
[51] **Int.Cl. 5B60C 9/08 5B60C 9/18**  
[25] FR  
[54] **PNEUMATIQUE RADIAL DONT L'ARMATURE DE SOMMET EST COMPOSEE DE NAPPES DE RESISTANCES DIFFERENTES**  
[54] **RADIAL-PLY TIRE WITH A TOP BELT CONSISTING OF WEBS HAVING DIFFERENT RESISTANCES**  
[72] Chapelle, Michel, FR  
[73] COMPAGNIE GÉNÉRALE DES ÉTABLISSEMENTS MICHELIN - MICHELIN & CIE, FR  
[22] 1992-12-04  
[30] FR (91 15 119) 1991-12-04

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[11] **2,089,902**  
[13] C  
[51] **Int.Cl. 5B25B 13/50**  
[25] EN  
[54] **POWER TONG WITH INTERCHANGEABLE JAWS**  
[54] **CLE DE VISSAGE A COMMANDE PNEUMATIQUE MUNIE DE MACHOIRES INTERCHANGEABLES**  
[72] Dlask, George, CA  
[73] MCCOY BROS. INC., CA  
[22] 1993-02-19

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[11] **2,094,778**  
[13] C  
[51] **Int.Cl. 5B05D 1/36 5C09D 7/12 5C09D 161/28**  
[25] EN  
[54] **PROCESS FOR MAKING WRINKLE-FREE COATING USING SOLVENTBORNE CLEARCOAT COMPOSITION OVER WATER-BORNE BASECOAT COMPOSITION**  
[54] **PROCEDE DE REALISATION D'UN REVETEMENT SANS PLI UTILISANT UNE COMPOSITION DE REVETEMENT INCOLORE PRODUITE AU SOLVANT, APPLIQUEE SUR UNE COUCHE DE FOND PRODUITE A L'EAU**  
[72] Lau, David K.K., US  
[73] BASF CORPORATION, US  
[22] 1993-04-23  
[30] US (7/880,964) 1992-05-08

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[11] **2,096,654**  
[13] C

[51] **Int.Cl. 5C12N 7/06 6C07K 17/00 5A61K 35/14 5A61L 2/16 5A61M 1/36 6A61K 38/46**  
[25] EN  
[54] **REMOVAL OF ANTIBODIES FROM BLOOD-DERIVED COMPOSITIONS WHILE RETAINING COAGULATION FACTORS**  
[54] **EXTRACTION DES ANTICORPS DE DERIVES SANGUINS TOUT EN CONSERVANT LES FACTEURS DE COAGULATION**  
[72] Horowitz, Bernard, US  
[72] Chin, Sing N., US  
[73] THE NEW YORK BLOOD CENTER, INC., US  
[22] 1993-05-19  
[30] US (890,528) 1992-05-28

[11] **2,099,605**  
[13] C

[51] **Int.Cl. 5C09D 5/10**  
[25] EN  
[54] **TWO-COMPONENT EPOXY RESIN/ZINC DUST PRIMING COAT FOR STEEL SURFACES**  
[54] **COUCHE PRIMAIRE COMPRENANT DE LA RESINE EPOXY ET DE LA POUDRE DE ZINC POUR SURFACES D'ACIER**  
[72] Zipperlen, Sabine, DE  
[72] Petrikat, Axel, DE  
[72] Wekenmann, Guido, DE  
[73] Sika Chemie GmbH, DE  
[85] 1993-05-27  
[86] 1991-10-25 (PCT/EP91/02024)  
[87] (WO92/09664)  
[30] DE (P 40 37 599.4) 1990-11-27

[11] **2,099,606**  
[13] C

[51] **Int.Cl. 5C09D 5/10**  
[25] EN  
[54] **POWDER MIXTURE FOR MAKING AN UNDERCOATING AGENT FOR STEEL SURFACES**  
[54] **MELANGE DE POUDRE DESTINE A LA PRODUCTION D'UN AGENT D'ENDUISAGE POUR SURFACES D'ACIER**  
[72] Herzog, Siglinde, DE  
[72] Petrikat, Axel, DE  
[72] Wekenmann, Guido, DE  
[73] Sika Chemie GmbH, DE  
[85] 1993-05-27  
[86] 1991-10-25 (PCT/EP91/02023)  
[87] (WO92/09663)  
[30] DE (P 40 37 598.6) 1990-11-27

[11] **2,100,064**  
[13] C

[51] **Int.Cl. 5H04N 1/40 5G06F 15/68**  
[25] EN  
[54] **IMAGE UNDITHERING APPARATUS AND METHOD**  
[54] **DISPOSITIF ET METHODE DE SUPPRESSION DES SIGNAUX SUPERPOSES AUX SIGNAUX D'IMAGERIE**  
[72] Knowlton, Kenneth C., US  
[73] KODAK LIMITED, GB  
[85] 1993-07-07  
[86] 1991-10-01 (PCT/US91/07212)  
[87] (WO92/12594)  
[30] US (639,465) 1991-01-10

[11] **2,101,296**  
[13] C

[51] **Int.Cl. 5H04Q 3/64**  
[25] EN  
[54] **METHOD FOR ALLOCATING THE SWITCHING-ORIENTED RESOURCES OF A COMMUNICATION SYSTEM FOR SWITCHED CONNECTIONS AND PERMANENT CIRCUIT CONNECTIONS**  
[54] **METHODE D'ATTRIBUTION DES RESSOURCES DE COMMUTATION D'UN SYSTEME DE COMMUNICATION POUR RACCORDS COMMUTES ET RACCORDS DE CIRCUIT PERMANENTS**  
[72] Stöckl, Werner, DE  
[72] Tietsch, Michael, DE  
[73] SIEMENS AKTIENGESELLSCHAFT, DE  
[22] 1993-07-26  
[30] DE (P 42 24 932.5) 1992-07-28

[11] **2,101,316**  
[13] C

[51] **Int.Cl. 6C07K 7/23 5C07D 473/00 6C07K 7/02 5C07D 239/26 5C07D 213/58**  
[25] EN  
[54] **GNRH ANALOGS**  
[54] **ANALOGUES DE LA GN-RH**  
[72] Hoeger, Carl A., US  
[72] Rivier, Jean E. F., US  
[72] Theobald, Paula G., US  
[72] Rivier, Catherine L., US  
[72] Vale, Wylie W., Jr., US  
[72] Porter, John S., US  
[73] Salk Institute for Biological Studies (The), US  
[85] 1993-07-26  
[86] 1992-03-11 (PCT/US92/01921)  
[87] (WO92/17025)  
[30] US (669,695) 1991-03-14

[11] **2,102,454**  
[13] C

[51] **Int.Cl. 5C07H 17/08 5A61K 31/70**  
[25] FR  
[54] **DERIVES DE L'ERYTHROMYCINE, LEUR PROCEDE DE PREPARATION, LEUR APPLICATION COMME MEDICAMENTS**  
[54] **ERYTHROMYCIN DERIVATIVES, PROCESS FOR THE PREPARATION THEREOF, AND USE THEREOF AS MEDICAMENTS**  
[72] Agouridas, Constantin, FR  
[72] Bonnefoy, Alain, FR  
[72] Chantot, Jean-François, FR  
[72] Denis, Alexis, FR  
[72] Le Martret, Odile, FR  
[73] HOECHST MARION ROUSSEL, FR  
[22] 1993-11-04  
[30] FR (92 13 321) 1992-11-05

[11] **2,104,681**  
[13] C

[51] **Int.Cl. 5A61L 27/00 5A61F 2/28**  
[25] EN  
[54] **MINERALIZED COLLAGEN**  
[54] **COLLAGENE MINERALISE**  
[72] Constantz, Brent Richard, US  
[72] Gunasekaran, Subramanian, US  
[73] Norian Corporation, US  
[85] 1993-08-23  
[86] 1991-12-30 (PCT/US91/09533)  
[87] (WO93/12736)

[11] **2,107,387**  
[13] C

[51] **Int.Cl. 5G06F 12/08**  
[25] EN  
[54] **METHOD AND SYSTEM FOR REDUCING MEMORY ALLOCATION REQUESTS**  
[54] **METHODE ET SYSTEME POUR REDUIRE LES DEMANDES D'AFECTATION DE MEMOIRE**  
[72] Crick, Andrew P. R., US  
[72] Harikrishnan, Seetharaman, US  
[72] Naidu, Harish K., US  
[72] Parry, William G., US  
[73] MICROSOFT CORPORATION, US  
[22] 1993-09-29  
[30] US (07/954,474) 1992-09-30

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[13] C  
[51] Int.Cl. 5C07D 471/04 5A61K 31/47  
5A61K 31/495 5A61K 31/535 5A61K 31/54  
[25] FR  
[54] NOUVEAUX DERIVES  
D'ELLIPTICINE, LEUR PROCEDE DE  
PREPARATION ET LES  
COMPOSITIONS  
PHARMACEUTIQUES QUI LES  
CONTIENNENT  
[54] ELLIPTICIN DERIVATIVES,  
THEIR PREPARATION PROCESS AND  
PHARMACEUTICAL COMPOSITIONS  
CONTAINING THEM  
[72] Bisagni, Émile, FR  
[72] Jaszold-Howorko, Ryszard, PL  
[72] Atassi, Ghanem, FR  
[72] Pierre, Alain, FR  
[73] ADIR ET COMPAGNIE, FR  
[22] 1993-10-01  
[30] FR (92 11672) 1992-10-02

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[11] **2,109,721**  
[13] C  
[51] Int.Cl. 5B65G 39/16  
[25] EN  
[54] DRIVE MECHANISM FOR A  
CONVEYOR  
[54] ENTRAINEMENT POUR  
CONVOYEUR  
[72] Ewert, Terry S., US  
[73] Dorner Mfg. Corp., US  
[85] 1993-11-22  
[86] 1993-03-30 (PCT/US93/02971)  
[87] (WO93/21091)  
[30] US (866,146) 1992-04-09

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[11] **2,110,582**  
[13] C  
[51] Int.Cl. 5C12P 19/26 6C07K 2/00  
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5A61K 31/70  
[25] EN  
[54] MODIFIED SIALYL LEWIS A  
COMPOUNDS  
[54] COMPOSES SIALYL LEWIS A  
MODIFIES  
[72] Venot, Andre P., US  
[72] Nikrad, Pandurang V., US  
[72] Kashem, Mohammed A., US  
[73] ALBERTA RESEARCH COUNCIL  
INC., CA  
[85] 1993-12-02  
[86] 1992-06-09 (PCT/CA92/00242)  
[87] (WO92/22563)  
[30] US (07/714,161) 1991-06-10  
[30] US (07/771,007) 1991-10-02  
[30] US (07/887,747) 1992-05-22

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[11] \* **2,110,824**  
[13] C  
[51] Int.Cl. 5E06B 9/08  
[25] EN  
[54] RETRACTABLE SHOWER  
SCREEN  
[54] RIDEAU DE DOUCHE,  
ESCAMOTABLE  
[72] Feist, Patrick, CA  
[73] FEIST, KENNETH FRANK, CA  
[22] 1993-12-06

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[11] **2,111,204**  
[13] C  
[51] Int.Cl. 5C07D 401/06 5A61K 31/445  
[25] EN  
[54] PIPERIDINE DERIVATIVES  
HAVING ANXIOLYTIC EFFECT  
[54] DERIVES DE PIPERIDINE AYANT  
UN EFFET ANXIOLYTIQUE  
[72] Moltzen, Ejner K., DK  
[72] Perregaard, Jens Kristian, DK  
[73] H. Lundbeck A/S, DK  
[85] 1993-12-10  
[86] 1992-06-12 (PCT/DK92/00183)  
[87] (WO92/22554)  
[30] DK (1129/91) 1991-06-13  
[30] DK (1131/91) 1991-06-13  
[30] DK (157/92) 1992-02-10

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[11] **2,111,678**  
[13] C  
[51] Int.Cl. 5B60S 1/36  
[25] EN  
[54] WINDSCREEN-WIPER SYSTEM  
[54] SYSTEME DE NETTOYAGE  
D'ESSUIE-GLACE  
[72] Battlogg, Stefan, AT  
[73] Battlogg, Stefan, AT  
[85] 1993-12-16  
[86] 1992-06-17 (PCT/AT92/00077)  
[87] (WO92/22445)  
[30] AT (A 1222/91) 1991-06-18

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[11] **2,112,469**  
[13] C  
[51] Int.Cl. 5H04N 1/387  
[25] EN  
[54] IMPROVED ERROR DIFFUSION  
SYSTEM  
[54] SYSTEME AMELIORE DE  
DIFFUSION D'ERREUR  
[72] Bowers, Harry, US  
[73] THE MINNESOTA MINING &  
MANUFACTURING COMPANY, US  
[85] 1993-12-24  
[86] 1992-05-05 (PCT/US92/03729)  
[87] (WO93/00656)  
[30] US (722,592) 1991-06-27

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[11] **2,116,872**  
[13] C  
[51] Int.Cl. 5C09J 201/00 5B60R 13/02  
[25] EN  
[54] HOT MELT ADHESIVE  
COMPOSITION  
[54] COMPOSITION D'ADHESIF  
THERMOFUSIBLE  
[72] Foster, Mary E., US  
[72] Simmons, Eugene R., US  
[72] Lindquist, Lowell G., US  
[72] Bunnelle, William L., US  
[73] H.B. Fuller Licensing & Financing, Inc.,  
US  
[85] 1994-03-02  
[86] 1993-06-29 (PCT/US93/06187)  
[87] (WO94/01509)  
[30] US (07/907,678) 1992-07-02

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[11] **2,117,714**  
[13] C  
[51] Int.Cl. 5G03G 7/00 5C09J 7/02 5B65D  
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[25] EN  
[54] SEALABLE WEB OR SHEET  
PRODUCT  
[54] PRODUIT EN FEUILLE OU EN  
TRAME PARTIELLEMENT ENDUIT  
D'UN AHDESIF  
[72] Lakes, A. Dale, US  
[73] Standard Register Company (The), US  
[22] 1994-09-20  
[30] US (08/137,597) 1993-10-15

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[11] **2,117,988**  
[13] C

[51] **Int.Cl. 5A47J 27/00**  
[25] EN  
[54] **COOKING VESSEL WITH SUPPRESSED DEFORMATION OF THE BOTTOM**  
[54] **RECIPIENT POUR CUISSON DONT LE FOND RESISTE MIEUX AUX DEFORMATIONS**  
[72] Coudurier, Alain, FR  
[72] Brasset, Jean-François, FR  
[72] Coissard, Georges, FR  
[72] Maillard, Philippe, FR  
[73] SEB S.A., FR  
[22] 1994-10-12  
[30] FR (93 12196) 1993-10-13  
[30] FR (94 01710) 1994-02-15

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[11] **2,122,016**  
[13] C

[51] **Int.Cl. 5F16F 1/42**  
[25] EN  
[54] **ELASTOMERIC MOUNTING SUPPORT ELASTOMERE**  
[72] Whelan, James Matthew, GB  
[73] BTR INDUSTRIES LIMITED, GB  
[85] 1994-04-22  
[86] 1992-10-22 (PCT/GB92/01944)  
[87] (WO93/08413)  
[30] GB (9122382.6) 1991-10-22

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[11] **2,122,457**  
[13] C

[51] **Int.Cl. 5B65D 1/40**  
[25] EN  
[54] **COLLAPSIBLE CONTAINER RECIPIENT EXTENSIBLE**  
[72] Melrose, David Murray, NZ  
[73] CO2PAC Limited, NZ  
[85] 1994-04-28  
[86] 1992-10-28 (PCT/GB92/01977)  
[87] (WO93/09031)  
[30] NZ (240448) 1991-11-01

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[11] **2,123,222**  
[13] C

[51] **Int.Cl. 5A61K 39/02**  
[25] EN  
[54] **GRAM-NEGATIVE BACTERIAL VACCINES**  
[54] **VACCINS CONTRE DES BACTERIES A GRAM NEGATIF**  
[72] Dearwester, Donald A., US  
[72] Roberts, David S., US  
[72] Swearingin, Leroy A., US  
[73] PFIZER INC., US  
[85] 1994-05-09  
[86] 1992-11-13 (PCT/US92/09944)  
[87] (WO93/10216)  
[30] US (07/792,488) 1991-11-15

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[11] **2,123,887**  
[13] C

[51] **Int.Cl. 5A61F 13/15**  
[25] EN  
[54] **ARTICLE DISPOSABLE IN LIQUID**  
[54] **ARTICLE DISSOLVABLE**  
[72] Brown, Malcolm David, GB  
[73] DAVIS, TREVOR GORDON, GB  
[85] 1994-05-18  
[86] 1992-10-26 (PCT/GB92/01959)  
[87] (WO93/09740)  
[30] GB (9124527.4) 1991-11-19

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[11] **2,124,206**  
[13] C

[51] **Int.Cl. 5C07D 403/12 5C07D 403/06 5C07D 401/12 5C07D 417/12 5C07D 473/12 5C07D 401/14 5C07D 417/14 5C07D 209/16 5C07D 473/34 5A61K 31/395**  
[25] EN  
[54] **INDOLE DERIVATIVES**  
[54] **DERIVES INDOLE**  
[72] Macor, John Eugene, US  
[73] PFIZER INC., US  
[85] 1994-05-24  
[86] 1992-10-06 (PCT/US92/08306)  
[87] (WO93/11106)  
[30] US (796,744) 1991-11-25

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[11] **2,127,511**  
[13] C

[51] **Int.Cl. 6C04B 35/10 6C04B 35/58 6C04B 35/80**  
[25] EN  
[54] **CERAMIC COMPOSITION FOR WEAR RESISTANT APPLICATIONS**  
[54] **COMPOSE EN CERAMIQUE POUR APPLICATIONS FAISANT APPEL A DES MATERIAUX RESISTANTS A L'USURE**  
[72] Bhola, Rakesh, CA  
[72] DASGUPTA, Sankar, CA  
[72] Jacobs, James K., CA  
[73] Bhola, Rakesh, CA  
[73] DASGUPTA, Sankar, CA  
[73] Jacobs, James K., CA  
[22] 1994-07-06  
[30] US (08/154,039) 1993-11-18

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[11] **2,129,579**  
[13] C

[51] **Int.Cl. 5B65B 21/12**  
[25] EN  
[54] **V-BELT CLEANER-DEBRIS REMOVAL MACHINE**  
[54] **MACHINE A COURROIE TRAPEZOIDALE POUR NETTOYER LES BOUTEILLES**  
[72] Ravindran, Neelakantan, CA  
[73] MOLSON CANADA, CA  
[22] 1994-08-05

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[11] **2,130,233**  
[13] C

[51] **Int.Cl. 5A01K 5/02**  
[25] EN  
[54] **FEED DISTRIBUTING APPARATUS**  
[54] **APPAREIL DISTRIBUTEUR D'ALIMENTS**  
[72] Pellerin, Romain, CA  
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[13] C

[51] **Int.Cl. 5A61C 5/04**  
[25] EN  
[54] **AN IMPROVED OBTURATOR BODY FOR USE IN FILLING AN ENDODONTICALLY PREPARED ROOT CANAL**  
[54] **MATERIEL D'OBTURATION AMELIORE UTILISE POUR COMBLER UN CANAL RADICULAIRE PREPARE PAR TRAITEMENT ENDODONTIQUE**  
[72] Johnson, William B., US  
[73] Johnson, William B., US  
[85] 1994-08-29  
[86] 1992-04-01 (PCT/US92/02507)  
[87] (WO93/19687)

[11] 2,138,696  
[13] C

[51] **Int.Cl. 5H04B 7/26 5H04M 11/06**  
[25] EN  
[54] **IC CARD RADIO MODEM AND COMMUNICATION SYSTEM USING THE SAME**  
[54] **MODEM RADIO A CARTE A CIRCUIT INTEGRE ET SYSTEME DE COMMUNICATION UTILISANT CE MODEM**  
[72] Nishiyama, Kohei, JP  
[72] Kataoka, Kenji, JP  
[73] NEC CORPORATION, JP  
[22] 1994-12-21  
[30] JP (335171/1993) 1993-12-28

[11] 2,139,291  
[13] C

[51] **Int.Cl. 5F42C 9/18 5F42C 13/08**  
[25] EN  
[54] **MULTIFUNCTIONAL MAGNETIC FUZE**  
[54] **ALLUMEUR MAGNETIQUE POLYVALENT**  
[72] Kurschner, Dennis L., US  
[72] Erdmann, David P., US  
[72] Crist, Scott D., US  
[73] ALLIANT TECHSYSTEMS INC., US  
[22] 1994-12-29  
[30] US (08/176,355) 1993-12-30

[11] 2,141,866  
[13] C

[51] **Int.Cl. 6A61K 9/48 6A61J 3/07**  
[25] EN  
[54] **ENCAPSULATING EQUIPMENT AND METHOD**  
[54] **MATERIEL ET PROCEDE D'ENCAPSULATION**  
[72] Sauter, Erich W., US  
[73] WARNER-LAMBERT COMPANY, US  
[85] 1995-02-06  
[86] 1993-08-06 (PCT/US93/07400)  
[87] (WO94/03365)  
[30] US (07/927,066) 1992-08-07

[11] 2,142,124  
[13] C

[51] **Int.Cl. 6B29C 39/20 6A61J 3/07 6B29C 41/32**  
[25] EN  
[54] **APPARATUS AND METHODS FOR FORMING PATTERNED SOFT GELATIN CAPSULES**  
[54] **INSTALLATION ET PROCEDE POUR FORMER DES CAPSULES DE GELATINE MOLLE A MOTIF**  
[72] Schurig, Gregory A., US  
[72] Bezaire, Bud, CA  
[72] Ratko, Michael, CA  
[72] Baker, Lawrence A., US  
[72] Mikalian, Robert, CA  
[73] R.P. SCHERER CORPORATION, US  
[85] 1995-02-09  
[86] 1993-08-09 (PCT/US93/07492)  
[87] (WO94/03316)  
[30] US (927,604) 1992-08-10

[11] 2,143,100  
[13] C

[51] **Int.Cl. 6C23F 13/16 6C25B 15/06**  
[25] EN  
[54] **TARGET ELECTRODE FOR PREVENTING CORROSION IN ELECTROCHEMICAL CELLS**  
[54] **ELECTRODE-CIBLE POUR EMPECHER LA CORROSION DANS LES CELLULES ELECTROCHIMIQUES**  
[72] Beaver, Richard N., US  
[72] Newman, Gordon E., US  
[73] THE DOW CHEMICAL COMPANY, US  
[85] 1995-02-22  
[86] 1993-08-18 (PCT/US93/07766)  
[87] (WO94/04719)  
[30] US (07/935,626) 1992-08-24

[11] 2,145,135  
[13] C

[51] **Int.Cl. 6C04B 38/00 6C04B 35/16**  
[25] EN  
[54] **DECORATIVE, NON-COMBUSTIBLE SYNTHETIC FIRE-LOG**  
[54] **BUCHE SYNTHETIQUE, DECORATIVE ET NON COMBUSTIBLE**  
[72] Delvaux, Pierre, CA  
[72] Lesmerises, Normand, CA  
[72] Gouin, Marcel, CA  
[73] Cermenco Inc., CA  
[22] 1995-03-21

[11] 2,148,919  
[13] C

[51] **Int.Cl. 6B60N 2/44 6B68G 7/02 6B68G 7/05**  
[25] EN  
[54] **A CUSHION BODY STRUCTURE AVAILABLE FOR NOISE PREVENTION**  
[54] **AMORTISSEUR ANTIBRUIT**  
[72] Matsuoka, Chikara, JP  
[72] Watadani, Takeshi, JP  
[72] Wakimoto, Kunihisa, JP  
[72] Kinoshita, Yukihiko, JP  
[73] Namba Press Works Co., Ltd., JP  
[85] 1995-05-09  
[86] 1994-04-25 (PCT/JP94/00683)  
[87] (WO95/08506)  
[30] JP (Heisei5(1993)-254798) 1993-09-19

[11] 2,149,798  
[13] C

[51] **Int.Cl. 6B65G 53/50**  
[25] EN  
[54] **VARIABLE VENTURI FOR PNEUMATIC CONVEYING SYSTEMS**  
[54] **VENTURI VARIABLE POUR SYSTEMES DE TRANSPORTEURS PNEUMATIQUES**  
[72] VanOirschot, Frank, CA  
[73] VanOirschot, Frank, CA  
[22] 1995-05-19

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[11] **2,150,044**  
[13] C

[51] **Int.Cl. 6B61L 5/02**  
[25] EN  
[54] **RAILROAD SWITCH STAND  
D'AIGUILLAGE POUR VOIE DE  
CHEMIN DE FER**  
[72] Kuhn, Stephen R., US  
[73] ABC RAIL PRODUCTS  
CORPORATION, US  
[22] 1995-05-24  
[30] US (248,668) 1994-05-25

[11] **2,150,164**  
[13] C

[51] **Int.Cl. 6E21B 10/44**  
[25] EN  
[54] **ROCK DRILL  
PERFORATRICE**  
[72] Batliner, Rainer, LI  
[72] Knoller, Anton, DE  
[72] Neukirchen, Axel, DE  
[73] Hilti Aktiengesellschaft, DE  
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[30] DE (P 44 19 641.5) 1994-06-04

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TEXT TO SPEECH SYSTEM, THE  
RESULTING APPARATUS, AND  
METHOD OF USE THEREOF**  
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SUPPRESSING NOISE TRANSIENTS IN  
SUMMED CO-SENSOR SEISMIC  
RECORDINGS**  
[54] **METHODE DE SUPPRESSION  
ADAPTATIVE DES BRUITS  
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METHOD USING RECA PROTEIN AND  
RECA PROTEIN HAVING MARKER OR  
LIGAND FOR USE IN SAID METHOD**  
[54] **PROCEDE D'HYBRIDATION IN  
SITU AU MOYEN D'UNE PROTEINE  
RECA, ET PROTEINE RECA  
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[73] ABLESTIK LABORATORIES, US  
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[54] **TRAITEMENT DU PSORIASIS**  
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[54] **TOLE D'ACIER LAMINEE A CHAUD ET METHODE DE FACONNAGE DE TOLE PRESENTANT FAIBLE COEFFICIENT D'ELASTICITE, UNE GRANDE RESISTANCE ET UNE EXCELLENTE TENACITE**  
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[54] DETECTION D'UN RADAR ENNEMI AU MOYEN D'UNE MISE EN CORRELATION ECLAIR DES DONNEES RECUES DE CE RADAR ET DE CELLES D'UN RECEPTEUR D'ALERTE RADAR  
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[54] PROCEDE DE SYNTHESE DE SURFACTANTS CATIONIQUES PROVENANT DE LA CONDENSATION D'ACIDES GRAS AVEC DES ACIDES AMINES BASIQUES ESTERIFIES ET LEUR UTILISATION COMME AGENTS ANTIMICROBIENS  
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[54] **MACHINE A BATTRE LES CARTES A JOUER ET PROCEDES CORRESPONDANTS**  
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[13] C  
[51] Int.Cl. 6E21B 43/01 6B63B 27/24  
**6B63B 35/44**  
[25] EN  
[54] **OFFSHORE TURRET SYSTEM**  
[54] **SYSTEME A TOURELLE DE**  
**PRODUCTION AU LARGE**  
[72] LUNDE, Peter A., US  
[73] IMODCO, INC., US  
[85] 1997-07-08  
[86] 1996-02-28 (PCT/US96/02700)  
[87] (WO96/27521)  
[30] US (08/398,651) 1995-03-03

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[11] **2,211,082**  
[13] C  
[51] Int.Cl. 6B60P 3/40 6B60P 3/41  
[25] EN  
[54] **ARTICULATED BUNK FOR**  
**LOGGING TRUCKS**  
[54] **TRAVERSE ARTICULEE POUR**  
**VEHICULE DE DEBARDAGE**  
[72] JANZEN, William W., CA  
[73] JANZEN, William W., CA  
[22] 1997-07-21  
[30] US (08/694,729) 1996-08-09

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[11] **2,211,474**  
[13] C  
[51] Int.Cl. 6F15B 3/00  
[25] EN  
[54] **PRESSURE INTENSIFIER FOR**  
**FLUIDS, PARTICULARLY FOR**  
**HYDRAULIC LIQUIDS**  
[54] **MULTIPLICATEUR DE PRESSION**  
**POUR FLUIDES, NOTAMMENT POUR**  
**LIQUIDES HYDRAULIQUES**  
[72] IVERSEN, Jesper W., DK  
[73] IVERSEN HYDRAULICS ApS, DK  
[22] 1997-07-24  
[30] DE (196 33 258.3) 1996-08-17

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[11] **2,211,615**  
[13] C  
[51] Int.Cl. 6H01M 10/24  
[25] EN  
[54] **NON-AQUEOUS BATTERY**  
[54] **BATTERIE NON AQUEUSE**  
[72] YAMASHITA, Masaya, JP  
[73] ASAHI KASEI KOGYO KABUSHIKI  
KAISHA, JP  
[85] 1997-07-25  
[86] 1996-01-25 (PCT/JP96/00132)  
[87] (WO96/23324)  
[30] JP (7/11292) 1995-01-27

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[11] **2,211,773**  
[13] C  
[51] Int.Cl. 6B60T 17/22  
[25] EN  
[54] **ARRANGEMENT FOR**  
**CONNECTING A TEST DEVICE OR**  
**THE LIKE TO A RAILROAD CAR**  
**BRAKE CONTROL VALVE DEVICE**  
[54] **MONTAGE POUR LE**  
**RACCORDEMENT D'UN APPAREIL**  
**D'EPREUVE OU D'UN DISPOSITIF**  
**ANALOGUE AU ROBINET DE**  
**FREINAGE D'UN WAGON**  
**FERROVIAIRE**  
[72] SCOTT, Daniel G., US  
[73] WESTINGHOUSE AIR BRAKE  
COMPANY, US  
[22] 1997-07-30  
[30] US (767,661) 1996-12-17

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[11] **2,211,961**  
[13] C  
[51] Int.Cl. 6F23M 5/02 6C23C 4/06  
**6F27D 1/06**  
[25] EN  
[54] **NEAR NET-SHAPE VPS FORMED**  
**MULTILAYERED COMBUSTION**  
**SYSTEM COMPONENTS AND**  
**METHOD OF FORMING THE SAME**  
[54] **COMPOSANTS MULTICOUCHES**  
**DE SYSTEMES DE COMBUSTION**  
**D'UNE GRANDE PRECISION**  
**DIMENSIONNELLE FORMES PAR**  
**PROJECTION PLASMA SOUS VIDE ET**  
**METHODE DE FABRICATION DE CES**  
**DERNIERS**  
[72] GRENIER, Serge, CA  
[72] TSANTRIZOS, Peter G., CA  
[72] KIM, George E., CA  
[72] CAVASIN, Alexander P., CA  
[73] PYROGENESIS INC., CA  
[22] 1997-07-29

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[11] **2,212,155**  
[13] C  
[51] Int.Cl. 6B60T 13/68  
[25] EN  
[54] **ELECTRO-PNEUMATIC BRAKE**  
**SYSTEM AND CONTROLLER**  
**THEREFOR**  
[54] **CIRCUIT DE FREINAGE**  
**ELECTROPNEUMATIQUE ET**  
**ROBINET DE FREIN**  
**CORRESPONDANT**  
[72] HART, James E., US  
[73] WESTINGHOUSE AIR BRAKE  
COMPANY, US  
[22] 1997-07-30  
[30] US (770,584) 1996-12-19

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[11] \* **2,212,194**  
[13] C  
[51] Int.Cl. 6H04N 7/16 6H04N 7/173  
**6H04N 5/765**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**CONTROLLING ACCESS IN A VIDEO**  
**DISTRIBUTION NETWORK**  
[54] **METHODE ET DISPOSITIF DE**  
**CONTROLE D'ACCES DANS UN**  
**RESEAU DE DISTRIBUTION VIDEO**  
[72] FIELDING, William S., CA  
[72] PLATER, Christopher, CA  
[73] IBM CANADA LTD. - IBM CANADA  
LIMITÉE, CA  
[22] 1997-08-01

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[11] \* **2,212,477**  
[13] C  
[51] Int.Cl. 6H04N 7/16 6H04N 7/15  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**MAINTAINING DIRECTORY**  
**SERVICES FOR A VIDEO**  
**TRANSMISSION NETWORK**  
[54] **METHODE ET APPAREIL DE**  
**TENUE A JOUR DE SERVICES DE**  
**REPertoire, POUR RESEAU DE**  
**TRANSMISSION VIDEO**  
[72] FIELDING, William S., CA  
[72] PLATER, CHRISTOPHER, CA  
[73] IBM CANADA LTD. - IBM CANADA  
LIMITÉE, CA  
[22] 1997-08-01

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[11] **2,212,597**  
[13] C  
[51] Int.Cl. 6F17D 1/12 6F04F 1/00 6F22D  
**11/06**  
[25] EN  
[54] **LIQUID FORCED-FEED**  
**APPARATUS**  
[54] **DISPOSITIF DE REMPLISSAGE**  
**SOUS PRESSION D'UN RESERVOIR DE**  
**LIQUIDE**  
[72] YUMOTO, Hideaki, JP  
[73] TLV CO., LTD., JP  
[22] 1997-08-06  
[30] JP (HEI 8-232573) 1996-08-13

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[13] C

[51] **Int.Cl. 6C07D 471/04 6C07D 487/04 6A61K 31/435 6A61K 31/55**  
[25] EN  
[54] **PIPERIDINYLAMINO TRICYCLIC COMPOUNDS AS SUBSTANCE P ANTAGONISTS**  
[54] **COMPOSES PIPRIDINYLAMINO TRICYCLIQUES, ANTAGONISTES DE LA SUBSTANCE P**  
[72] KOIKE, Hiroki, JP  
[72] WAKABAYASHI, Hiroaki, JP  
[73] PFIZER INC., US  
[22] 1997-08-12  
[30] WO (PCT/IB96/00798) 1996-08-14

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[11] **2,213,775**  
[13] C

[51] **Int.Cl. 6A61K 31/71 6A61K 35/74**  
[25] EN  
[54] **CANCER METASTASIS INHIBITOR CONTAINING A STREPTOCOCCUS AGALACTIAE IA TYPE OR IB TYPE SURFACE POLYSACCHARIDE AS A MAIN INGREDIENT**  
[54] **INHIBITEUR DE METASTASES CANCEREUSES CONTENANT UN POLYSACCHARIDE DE SURFACE DE STREPTOCOCCUS AGALACTIAE DE TYPE IA OU DE TYPE IB COMME COMPOSANT PRINCIPAL**  
[72] IJIMA, Shinji, JP  
[72] MIYAKE, Katsuhide, JP  
[72] YAMAMOTO, Shin, JP  
[72] KAWASE, Mitsuo, JP  
[72] YOSHIDA, Yasuko, JP  
[73] NGK INSULATORS, LTD., JP  
[85] 1997-08-25  
[86] 1995-12-27 (PCT/JP95/02735)  
[87] (WO97/24130)

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[11] **2,214,187**  
[13] C

[51] **Int.Cl. 6G06K 19/073 6H04L 9/10**  
[25] EN  
[54] **AUTHENTICATION SYSTEM WHEREIN DEFINITION SIGNALS OF TWO DEVICES ARE ALTERED, COMMUNICATED BETWEEN THE TWO DEVICES, AND COMPARED**  
[54] **SYSTEME D'AUTHENTICATION SUR LEQUEL LA DEFINITION DES SIGNAUX DE DEUX DISPOSITIFS EST ALTEREE, COMMUNIQUEE ET COMPAREE ENTRE LES DEUX DISPOSITIFS**  
[72] HEKSTRA, Andries Pieter, NL  
[72] VAN TILBURG, Johan, NL  
[73] KONINKLIJKE KPN N.V., NL  
[22] 1997-08-28  
[30] NL (1003939) 1996-09-02

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[11] **2,214,585**  
[13] C

[51] **Int.Cl. 6G10L 9/04**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR SPEECH ENCODING, SPEECH DECODING, AND SPEECH POST PROCESSING**  
[54] **METHODE ET APPAREIL DE CODAGE, DECODAGE ET POST-TRAITEMENT DE LA PAROLE**  
[72] ISHII, Jun, JP  
[72] TAKAHASHI, Shinya, JP  
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1994-05-04  
[62] 2,122,853  
[30] JP (5-119959) 1993-05-21

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[11] **2,215,366**  
[13] C

[51] **Int.Cl. 6H04B 17/00 6H04B 1/64**  
[25] EN  
[54] **SIGNAL QUALITY DETERMINING DEVICE AND METHOD**  
[54] **DISPOSITIF ET PROCEDE DE DETERMINATION DE LA QUALITE D'UN SIGNAL**  
[72] BEERENDS, John Gerard, NL  
[73] KONINKLIJKE KPN N.V., NL  
[85] 1997-09-12  
[86] 1996-03-13 (PCT/EP96/01143)  
[87] (WO96/28950)  
[30] NL (9500512) 1995-03-15

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[13] C

[51] **Int.Cl. 6H04B 17/00 6H04B 1/64**  
[25] EN  
[54] **SIGNAL QUALITY DETERMINING DEVICE AND METHOD**  
[54] **DISPOSITIF ET PROCEDE DE DETERMINATION DE LA QUALITE D'UN SIGNAL**  
[72] BEERENDS, John Gerard, NL  
[73] KONINKLIJKE KPN N.V., NL  
[85] 1997-09-12  
[86] 1996-02-29 (PCT/EP96/00849)  
[87] (WO96/28952)  
[30] NL (9500512) 1995-03-15

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[11] **2,216,407**  
[13] C

[51] **Int.Cl. 6H04N 1/32 6H04N 1/23 6H04L 12/54**  
[25] EN  
[54] **FACSIMILE MACHINE AND COMMUNICATION RESULT NOTIFYING METHOD**  
[54] **TELECOPIEUR ET METHODE PERMETTANT DE SIGNALER LE RESULTAT DE COMMUNICATIONS**  
[72] TOYODA, Kiyoshi, JP  
[72] OKADA, Kumi, JP  
[73] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP  
[85] 1997-09-24  
[86] 1997-03-18 (PCT/JP97/00866)  
[87] (WO97/38523)  
[30] JP (8-082296) 1996-04-04

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[11] **2,216,481**  
[13] C

[51] **Int.Cl. 6F02D 27/00**  
[25] EN  
[54] **SYSTEM FOR REVERSING 2 STROKE ENGINE**  
[54] **SYSTEME D'INVERSION DE MARCHE POUR MOTEUR DEUX TEMPS**  
[72] RIOUX, ROGER, CA  
[72] PION, BENOIT, CA  
[72] BOSTELMANN, Willy, AT  
[73] BOMBARDIER INC., CA  
[22] 1997-09-26  
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[13] C

[51] Int.Cl. 6A61K 7/16  
[25] EN  
[54] DENTIFRICE FORMULATIONS  
CONTAINING LIQUID  
POLYOXYALKYLENE COMPOUNDS  
MISCIBLE IN A LIQUID,  
POLYALKYLENE GLYCOL CARRIER  
[54] FORMULATIONS DE DENTIFRICE  
CONTENANT DES COMPOSES  
LIQUIDES DE POLYOXYALKYLDNE  
MISCIBLES DANS UN VEHICULE  
LIQUIDE DE  
POLYALKYLDNEGLYCOL  
[72] HOLLAND, Richard, US  
[72] GOPALKRISHNAN, Sridhar, US  
[73] BASF CORPORATION, US  
[22] 1997-10-15  
[30] US (08/774,663) 1996-12-30

[11] 2,217,078  
[13] C

[51] Int.Cl. 6E05F 11/34  
[25] EN  
[54] POWER OPERATOR FOR SLIDING  
PLUG DOORS  
[54] BLOC D'ENTRAINEMENT  
MOTORISE DE PORTE COULISSANTE  
ENCASTREE  
[72] KRBEC, Marianne L., US  
[72] OAKLEY, Robert L., US  
[73] WESTINGHOUSE AIR BRAKE  
COMPANY, US  
[22] 1997-10-01  
[30] US (855,418) 1997-05-13

[11] 2,217,218  
[13] C

[51] Int.Cl. 6H04B 10/10 6H04L 9/00  
[25] EN  
[54] METHODS AND APPARATUS FOR  
SECURE OPTICAL  
COMMUNICATIONS LINKS  
[54] METHODES ET APPAREIL POUR  
LIAISONS DE COMMUNICATIONS  
OPTIQUES SURES  
[72] RUTLEDGE, Christopher L, US  
[73] AT&T CORP., US  
[22] 1997-09-29  
[30] US (819,465) 1997-03-17

[11] 2,217,458  
[13] C

[51] Int.Cl. 6G06K 9/62 6G06K 9/20  
[25] EN  
[54] METHOD FOR LOCATING THE  
POSITION AND ORIENTATION OF A  
FIDUCIARY MARK  
[54] PROCEDE POUR DETERMINER  
LA POSITION ET L'ORIENTATION  
D'UNE MARQUE DE REFERENCE  
[72] MORTON, James S., US  
[72] RECKTENWALT, James V., US  
[72] LAIS, Kenneth A., US  
[72] BJORNER, Johannes A. S., US  
[73] UNITED PARCEL SERVICE OF  
AMERICA, INC., US  
[85] 1997-10-03  
[86] 1996-04-09 (PCT/US96/04964)  
[87] (WO96/32690)  
[30] US (08/419,176) 1995-04-10

[11] 2,219,267  
[13] C

[51] Int.Cl. 6G09F 9/35 6G09G 3/36  
[25] EN  
[54] PROJECTION-TYPE LIQUID  
CRYSTAL DISPLAY APPARATUS  
[54] APPAREIL D'AFFICHAGE A  
CRISTAUX LIQUIDES DU TYPE A  
PROJECTION  
[72] YOSHIKAWA, Shigeharu, JP  
[72] ISHITANI, Hiroaki, JP  
[72] ASAKAWA, Katsumi, JP  
[72] TAMANO, Kouhei, JP  
[72] MIYATA, Akihisa, JP  
[73] MITSUBISHI DENKI KABUSHIKA  
KAISHA,  
[22] 1997-10-27  
[30] JP (8-286749) 1996-10-29

[11] 2,219,367  
[13] C

[51] Int.Cl. 6B01J 23/54 6B01D 53/56  
6B01J 23/58 6B01J 23/63 6B01D 53/94  
[25] EN  
[54] CATALYST FOR PURIFYING  
EXHAUST GAS FROM INTERNAL  
COMBUSTION ENGINE AND  
PURIFYING METHOD THEREOF  
[54] CATALYSEUR POUR PURIFIER  
LES GAZ D'ECHAPPEMENT D'UN  
MOTEUR A COMBUSTION INTERNE  
ET METHODE DE PURIFICATION DE  
CE DERNIER  
[72] AZUHATA, Shigeru, JP  
[72] KITAHARA, Yuichi, JP  
[72] SHINOTSUKA, Norihiro, JP  
[72] YAMASHITA, Hisao, JP  
[72] DOI, Ryouta, JP  
[72] HANAOKA, Hiroshi, JP  
[72] IIZUKA, Hidehiro, JP  
[72] KURODA, Osamu, JP  
[72] OGAWA, Toshio, JP  
[73] HITACHI, LTD., JP  
[22] 1997-10-24  
[30] JP (8-283672) 1996-10-25

[11] 2,219,573  
[13] C

[51] Int.Cl. 6B60R 9/06 6B60R 9/10  
[25] EN  
[54] HITCH MOUNTED CARGO  
CARRIER BIKE RACK ADAPTER  
[54] SUPPORT POUR BICYCLETTES  
POUR PLATEAU PORTE-CHARGE  
MONTE SUR SYSTEME D'ATTELAGE  
[72] BELINKY, Jacob S., US  
[72] ROGERS, David L., US  
[73] DRAW-TITE, INC., US  
[22] 1997-10-28  
[30] US (60/029,642) 1996-10-28

[11] 2,219,586  
[13] C

[51] Int.Cl. 6B60R 9/10 6B60R 9/06  
[25] EN  
[54] HITCH MOUNTABLE BICYCLE  
CARRIER  
[54] SUPPORT POUR BICYCLETTES  
POUR MONTAGE SUR SYSTEME  
D'ATTELAGE  
[72] WATCH, David A., US  
[72] COUSINO, Michael J., US  
[72] BRUNGARDT, Kervin, US  
[73] DRAW-TITE, INC., US  
[22] 1997-10-28  
[30] US (60/029,174) 1996-10-28

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[13] C

[51] **Int.Cl. 6B60N 2/02 6B60N 2/32**  
[25] EN  
[54] **SEAT SYSTEM FOR VEHICLE**  
[54] **SYSTEME DE SIEGE DE**  
**VEHICULE**  
[72] TSUCHIYA, Satoru, JP  
[72] UEKITA, Nobuhiro, JP  
[73] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 1997-11-10  
[30] JP (300278/96) 1996-11-12

[11] **2,220,909**  
[13] C

[51] **Int.Cl. 6A61B 17/39**  
[25] EN  
[54] **DIGITAL WAVEFORM**  
**GENERATION FOR**  
**ELECTROSURGICAL GENERATORS**  
[54] **GENERATION NUMERIQUE DE**  
**FORMES D'ONDES POUR**  
**GENERATEUR**  
**ELECTROCHIRURGICAL**  
[72] KLICEK, Michael S., US  
[72] SODNICAR, Matthew J., US  
[73] VALLEYLAB INC., US  
[85] 1997-11-12  
[86] 1996-06-03 (PCT/IB96/00551)  
[87] (WO96/39088)  
[30] US (08/471,344) 1995-06-06

[11] **2,221,288**  
[13] C

[51] **Int.Cl. 6H04N 1/00 6H04N 1/417**  
**6H04N 1/64**  
[25] EN  
[54] **ENCODING APPARATUS,**  
**DECODING APPARATUS, ENCODING**  
**METHOD, DECODING METHOD, AND**  
**PICTURE PROCESSING APPARATUS**  
[54] **CODEUR, DECODEUR, LEURS**  
**PROCEDES, ET PROCESSEUR**  
**D'IMAGES**  
[72] YANAGIYA, Taichi, JP  
[72] YOSHIDA, Masayuki, JP  
[72] MATOBA, Narihiro, JP  
[72] ONO, Fumitaka, JP  
[72] KIMURA, Tomohiro, JP  
[72] UENO, Ikuro, JP  
[72] UEDA, Kunio, JP  
[73] MITSUBISHI DENKI KABUSHIKI  
KAISHA, JP  
[85] 1997-11-14  
[86] 1997-03-12 (PCT/JP97/00768)  
[87] (WO97/35434)  
[30] JP (8-63117) 1996-03-19  
[30] WO (PCT/JP96/03568) 1996-12-05

[11] **2,221,387**  
[13] C

[51] **Int.Cl. 6C23C 2/00 6B22D 11/00**  
[25] EN  
[54] **PROCESS AND DEVICE FOR**  
**PRODUCING METALLIC COMPOSITE**  
**MATERIALS**  
[54] **PROCEDE ET DISPOSITIF**  
**PERMETTANT DE PRODUIRE UN**  
**MATERIAU COMPOSITE**  
**METALLIQUE**  
[72] PLESCHIUTSCHNIGG, Fritz-Peter, DE  
[72] VON HAGEN, Ingo, DE  
[72] MEGAHED, Gamal Mohamed, EG  
[72] EL GAMMAL, Tarek, DE  
[73] MANNESMANN  
AKTIENGESELLSCHAFT, DE  
[85] 1997-11-18  
[86] 1996-05-17 (PCT/DE96/00907)  
[87] (WO96/36744)  
[30] DE (195 19 068.8) 1995-05-19

[11] **2,221,738**  
[13] C

[51] **Int.Cl. 6C01G 45/12**  
[25] EN  
[54] **AN IMPROVED PROCESS FOR**  
**MAKING A LITHIATED LITHIUM**  
**MANGANESE OXIDE SPINEL**  
[54] **PROCEDE AMELIORE POUR**  
**FABRIQUER UN SPINELLE D'OXYDE**  
**DE MANGANESE/LITHIUM LITHIE**  
[72] WANG, Enoch, US  
[72] KALLMES, Andrew, US  
[72] BOWDEN, William L., US  
[73] Duracell Inc., US  
[85] 1997-11-20  
[86] 1996-06-05 (PCT/US96/09461)  
[87] (WO96/40590)  
[30] US (474,806) 1995-06-07

[11] **2,221,822**  
[13] C

[51] **Int.Cl. 6B24D 3/16 6B24D 3/18**  
[25] EN  
[54] **AN ALUMINA ABRASIVE WHEEL**  
**WITH IMPROVED CORNER HOLDING**  
[54] **MEULE CONTENANT UN**  
**ABRASIF D'OXYDE D'ALUMINIUM ET**  
**L'ARRONDANT AMELIOREE**  
[72] LUNDBERG, Robert S., US  
[72] SHELDON, David A., US  
[73] Norton Company, US  
[85] 1997-11-21  
[86] 1996-04-25 (PCT/US96/05874)  
[87] (WO96/37342)  
[30] US (08/448,927) 1995-05-25

[11] **2,222,792**  
[13] C

[51] **Int.Cl. 6C21D 8/02 6B21B 1/34 6B21B**  
**37/74**  
[25] EN  
[54] **STECKEL MILL/ON-LINE**  
**ACCELERATED COOLING**  
**COMBINATION**  
[54] **COMBINAISON D'UN MOULIN**  
**STECKEL ET D'UN APPAREILLAGE**  
**DE REFROIDISSEMENT ACCELERE**  
**EN LIGNE**  
[72] DORRICOTT, Jonathan, US  
[73] IPSCO Inc., CA  
[85] 1997-11-28  
[86] 1996-06-06 (PCT/CA96/00383)  
[87] (WO96/41024)  
[30] US (08/479,656) 1995-06-07  
[30] US (08/594,704) 1996-01-31

[11] **2,224,021**  
[13] C

[51] **Int.Cl. 6G08G 1/0968**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**NAVIGATING CLOSE PROXIMITY**  
**ROUTES WITH A VEHICLE**  
**NAVIGATION SYSTEM**  
[54] **METHODE ET APPAREIL DE**  
**NAVIGATION EN SUIVANT UN**  
**ITINERAIRE A PROXIMITE**  
**IMMEDIATE AU MOYEN D'UN**  
**SYSTEME DE NAVIGATION DE**  
**VEHICULE**  
[72] ZUBER, Gary, US  
[73] VISTEON TECHNOLOGIES, LLC, US  
[22] 1997-12-05  
[30] US (08/761,868) 1996-12-09

[11] **2,224,304**  
[13] C

[51] **Int.Cl. 6B60B 25/04 6B60B 25/14**  
[25] EN  
[54] **MULTI-PIECE RIM**  
[54] **JANTE MULTI-PIECES**  
[72] TAKEUCHI, Ichiro, JP  
[72] YOSHII, Kenji, JP  
[72] WATANABE, Ryoichi, JP  
[73] TOPY KOGYO KABUSHIKI KAISHA,  
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[11] 2,225,151  
[13] C

[51] Int.Cl. 6H01R 13/66 6H01R 9/09  
[25] EN  
[54] CONNECTOR WITH INTEGRATED PCB ASSEMBLY  
[54] CONNECTEUR AVEC ENSEMBLE DE CARTES IMPRIMEES INTEGRE  
[72] PAAGMAN, Bernardus L., NL  
[73] BERG TECHNOLOGY, INC., US  
[22] 1997-12-17  
[30] US (08/784,743) 1997-01-16  
[30] US (60/034,690) 1997-01-07

[11] 2,225,687  
[13] C

[51] Int.Cl. 6H04M 1/00  
[25] EN  
[54] A PLUG AND PLAY TELEPHONE  
[54] TELEPHONE PRET A UTILISER  
[72] BURKE, Edmund Thomas, US  
[72] DAY, Benjamin Wilson, US  
[72] ROSS, Timothy Ian, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1997-12-22  
[30] US (08/808,229) 1997-02-28

[11] 2,226,415  
[13] C

[51] Int.Cl. 6A61F 13/46  
[25] EN  
[54] GENERALLY THIN, FLEXIBLE SANITARY NAPKIN WITH STIFFENED CENTER  
[54] SERVIETTE HYGIENIQUE GENERALEMENT MINCE ET SOUPLE POSSEDANT UN CENTRE RENFORCE  
[72] OSBORN, Thomas Ward III, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[22] 1993-04-19  
[62] 2,118,215  
[30] US (07/874,872) 1992-04-28

[11] 2,226,774  
[13] C

[51] Int.Cl. 6B60K 17/02  
[25] EN  
[54] POWER TRANSMITTING SYSTEM FOR VEHICLE  
[54] SYSTEME DE TRANSMISSION D'ENERGIE POUR VEHICULE MOTEUR  
[72] KOBAYASHI, Kazunori, JP  
[72] SUETAKE, Kazuyuki, JP  
[72] KURODA, Koji, JP  
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 1998-01-13  
[30] JP (4865/97) 1997-01-14

[11] 2,229,230  
[13] C

[51] Int.Cl. 6B61F 5/08  
[25] EN  
[54] RAILWAY TRUCK WITH ELASTOMERIC SUSPENSION  
[54] BOGIE DE WAGON SUSPENSION ELASTOMERE  
[72] WRONKIEWICZ, Robert D., US  
[72] HAWTHORNE, Vaughn Terrey, US  
[73] AMSTED INDUSTRIES INCORPORATED, US  
[22] 1998-03-11  
[30] US (08/843,020) 1997-04-11

[11] 2,230,603  
[13] C

[51] Int.Cl. 6H04R 25/00 6A61F 11/00 6A61B 5/12  
[25] EN  
[54] APPARATUS AND METHOD FOR AUTOMATICALLY DETERMINING STIMULATION PARAMETERS  
[54] APPAREIL ET PROCEDE PERMETTANT L'EVALUATION AUTOMATIQUE DE PARAMETRES DE STIMULATION  
[72] CARTER, Paul Michael, AU  
[72] MONEY, David Kerry, AU  
[73] COCHLEAR LIMITED, AU  
[85] 1998-02-26  
[86] 1996-09-06 (PCT/AU96/00558)  
[87] (WO97/09863)  
[30] AU (PN 5331) 1995-09-07

[11] 2,231,396  
[13] C

[51] Int.Cl. 6H01S 3/08  
[25] EN  
[54] OPTICALLY RESONANT STRUCTURE  
[54] STRUCTURE A RESONANCE OPTIQUE  
[72] ADAMS, Michael John, GB  
[72] FISHER, Michael Andreja, GB  
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 1998-03-09  
[86] 1996-09-26 (PCT/GB96/02375)  
[87] (WO97/13302)  
[30] EP (95306917.6) 1995-09-29

[11] 2,232,789  
[13] C

[51] Int.Cl. 6A61K 38/18 6A61K 35/12 6A61K 47/48  
[25] EN  
[54] METHOD FOR TREATING ALZHEIMER'S DISEASE USING GLIAL CELL LINE-DERIVED NEUROTROPHIC FACTOR (GDNF) PROTEIN PRODUCT  
[54] METHODE DE TRAITEMENT DE LA MALADIE D'ALZHEIMER AU MOYEN D'UN PRODUIT PROTEINIQUE: LE FACTEUR NEUROTROPHIQUE DERIVE DE LIGNEES CELLULAIRES GLIALES (GDNF)  
[72] WILLIAMS, Lawrence R., US  
[73] AMGEN INC., US  
[85] 1998-03-23  
[86] 1996-09-23 (PCT/US96/15305)  
[87] (WO97/11965)  
[30] US (08/535,682) 1995-09-28

[11] 2,232,983  
[13] C

[51] Int.Cl. 6A61H 3/04  
[25] EN  
[54] BRAKING DEVICE FOR TROLLEY  
[54] FREIN POUR CHARIOT  
[72] LUO, Chung-I, TW  
[73] LUO, Chung-I, TW  
[22] 1998-03-25

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[11] **2,234,686**  
[13] C

[51] **Int.Cl. 6G06K 19/067**  
[25] EN  
[54] **REMOTELY POWERED ELECTRONIC TAG AND ASSOCIATED EXCITER/READER AND RELATED METHOD**  
[54] **ETIQUETTE ELECTRONIQUE ACTIVEE A DISTANCE ET EXCITATEUR/LECTEUR ASSOCIE, ET PROCEDE**  
[72] EBERHARDT, Noel, US  
[72] WALKER, Russ, US  
[72] LAURO, George, US  
[72] FORT, Larry W., US  
[72] GEISZLER, Theodore Donald, US  
[72] KAKKANAD, Sebastian Thomas, US  
[72] ROLIN, John H., US  
[73] MOTOROLA INC., US  
[85] 1998-04-09  
[86] 1996-09-04 (PCT/US96/14271)  
[87] (WO97/14112)  
[30] US (08/540,813) 1995-10-11

[11] **2,235,020**  
[13] C

[51] **Int.Cl. 6G21C 9/016**  
[25] EN  
[54] **CORE MELT COLLECTOR**  
[54] **COLLECTEUR DES DEBRIS FONDUS DU COEUR (D'UN REACTEUR NUCLEAIRE)**  
[72] BACH, F.W., DE  
[72] SAPPOK, Manfred, DE  
[73] SIEMPELKAMP GUSS- UND ANLAGENTECHNIK HOLDING GMBH & CO., DE  
[22] 1998-05-13  
[30] DE (198 14 308.7) 1998-03-31

[11] **2,235,894**  
[13] C

[51] **Int.Cl. 6C01G 53/04**  
[25] EN  
[54] **PROCESS FOR PRODUCING NICKEL HYDROXIDE FROM ELEMENTAL NICKEL**  
[54] **PROCEDE DE PRODUCTION D'HYDROXYDE DE NICKEL A PARTIR DE NICKEL ELEMENTAIRE**  
[72] BAKSA, Stephen Joseph, CA  
[72] BRADFORD, Raymond Augustus, CA  
[72] BABJAK, Juraj, CA  
[72] ETTEL, Victor Alexander, CA  
[73] INCO LIMITED, CA  
[22] 1998-04-24  
[30] US (08/847,715) 1997-04-28

[11] **2,236,805**  
[13] C

[51] **Int.Cl. 6C10J 3/54 6F22B 33/18 6C10J 3/56**  
[25] EN  
[54] **METHOD AND APPARATUS FOR UTILIZING BIOFUEL OR WASTE MATERIAL IN ENERGY PRODUCTION**  
[54] **PROCEDE D'UTILISATION DE COMBUSTIBLE BIOLOGIQUE OU DE DECHETS DANS LA PRODUCTION D'ENERGIE ET APPAREIL CORRESPONDANT**  
[72] HILTUNEN, Matti, FI  
[72] NIEMINEN, Jorma, FI  
[73] FOSTER WHEELER ENERGIA OY, FI  
[85] 1998-05-04  
[86] 1996-11-25 (PCT/FI96/00636)  
[87] (WO97/20017)  
[30] US (08/563,844) 1995-11-28

[11] **2,237,248**  
[13] C

[51] **Int.Cl. 6H01F 7/06**  
[25] EN  
[54] **ACTUATOR HAVING ELECTROSTRICTIVE BRAKING ELEMENT**  
[54] **ACTIONNEUR DOTE D'UN DISPOSITIF DE FREINAGE PIEZO-ELECTRIQUE**  
[72] HANLEY, Mark G., US  
[72] ANDERSON, Dean B., US  
[72] CALIENDO, Guy P., US  
[73] SIEMENS BUILDING TECHNOLOGIES, INC., US  
[22] 1998-05-08  
[30] US (08/914,519) 1997-08-19

[11] **2,237,941**  
[13] C

[51] **Int.Cl. 6H04L 9/28 6H03M 7/00**  
[25] EN  
[54] **EFFICIENT CRYPTOGRAPHIC HASH FUNCTIONS AND METHODS FOR AMPLIFYING THE SECURITY OF HASH FUNCTIONS AND PSEUDO-RANDOM FUNCTIONS**  
[54] **FONCTIONS EFFICACES DE HACHAGE CRYPTOGRAPHIQUE ET PROCEDES DE RENFORCEMENT DE LA SECURITE DES FONCTIONS DE HACHAGE ET DES FONCTIONS PSEUDO-ALEATOIRES**  
[72] AIELLO, William A., US  
[72] VENKATESAN, Ramarathnam, US  
[73] TELCORDIA TECHNOLOGIES, INC., US  
[85] 1998-05-15  
[86] 1996-10-31 (PCT/US96/17449)  
[87] (WO97/18652)  
[30] US (08/559,213) 1995-11-16

[11] **2,239,403**  
[13] C

[51] **Int.Cl. 6H01Q 1/00 6H01Q 1/12**  
[25] EN  
[54] **DEVICE FOR FASTENING AN EXCITATION ELEMENT IN A METAL WAVEGUIDE OF AN ANTENNA AND FOR ELECTRICALLY CONNECTING THE SAME TO A COAXIAL LINE ARRANGED OUTSIDE THE WAVEGUIDE**  
[54] **DISPOSITIF PERMETTANT DE FIXER UN ELEMENT D'EXCITATION DANS LE GUIDE D'ONDES METALLIQUE D'UNE ANTENNE ET DE LE CONNECTER DIRECTEMENT A UNE LIGNE COAXIALE**  
[72] BURGER, Stefan, DE  
[72] OBERLE, Klaus-Peter, DE  
[73] ENDRESS + HAUSER GMBH + CO., DE  
[22] 1998-06-02  
[30] DE (197 23 880.7-35) 1997-06-06



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[11] 2,239,769  
[13] C

[51] Int.Cl. 6A01B 63/22  
[25] EN  
[54] GAUGE STRUCTURE FOR A CYLINDER OPERATED DEPTH CONTROL  
[54] INDICATEUR DE NIVEAU POUR CONTROLEUR DE PROFONDEUR A COMMANDE PAR VERIN  
[72] HUBBARD, Loyd Thomas, Jr., US  
[72] CLARK, Richard Hugo, US  
[72] BRUEGGEN, Shane Julius, US  
[72] BENNETT, Robert Edwin, US  
[72] GRAHAM, William Douglas, US  
[73] DEERE & COMPANY, US  
[22] 1998-06-25  
[30] US (09/076,461) 1998-05-12

[11] 2,239,966  
[13] C

[51] Int.Cl. 6G01F 11/00 6B65G 29/00 6B65G 69/08 6G01F 15/12 6B65G 47/19 6B65G 65/48  
[25] EN  
[54] A DRY SOLIDS METERING SYSTEM WITH MEANS FOR SELF-EMPTYING AND QUICK-EMPTYING/CLEANOUT  
[54] SYSTEME DE DOSAGE DE MATIERES SOLIDES SECHES COMPRENANT UN DISPOSITIF DE VIDAGE AUTOMATIQUE ET DE VIDAGE RAPIDE/NETTOYAGE  
[72] RICCIARDI, Ronald J., US  
[73] RICCIARDI, Ronald J., US  
[85] 1998-06-08  
[86] 1996-11-25 (PCT/US96/19263)  
[87] (WO97/21987)  
[30] US (08/569,989) 1995-12-08

[11] 2,240,053  
[13] C

[51] Int.Cl. 6B65B 51/16  
[25] EN  
[54] ROTARY HEAT SEALER AND METHOD THEREFOR  
[54] THERMOSOUDEUSE ROTATIVE ET METHODE D'UTILISATION DE CELLE-CI  
[72] KALLNER, David J., US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 1998-06-09  
[30] US (08/876,962) 1997-06-17

[11] 2,242,161  
[13] C

[51] Int.Cl. 6G11B 7/24 6G11B 7/007 6G11B 20/18  
[25] EN  
[54] OPTICAL DISK, AND INFORMATION RECORDING/REPRODUCTION APPARATUS  
[54] DISQUE OPTIQUE ET DISPOSITIF D'ENREGISTREMENT/DE REPRODUCTION DE L'INFORMATION  
[72] SATOH, Isao, JP  
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1994-06-07  
[62] 2,125,331  
[30] JP (HEI 5-137,089) 1993-06-08  
[30] JP (HEI 5-138,793) 1993-06-10

[11] 2,243,024  
[13] C

[51] Int.Cl. 6B61D 19/00 6B60J 5/06 6E05F 15/14  
[25] EN  
[54] TRANSIT VEHICLE DOOR  
[54] PORTE POUR VEHICULE DE TRANSPORT EN COMMUN  
[72] SPRINGER, Serge, CA  
[72] RAINVILLE, Pierre, CA  
[73] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1998-07-13  
[30] US (099/260) 1998-06-18

[11] 2,245,954  
[13] C

[51] Int.Cl. 6B63H 11/08  
[25] EN  
[54] WATER JET PROPULSION DEVICE FOR MARINE VESSEL  
[54] DISPOSITIF DE PROPULSION A JET D'EAU POUR BATEAU  
[72] ISHIGAKI, Eiichi, JP  
[73] ISHIGAKI COMPANY LIMITED, JP  
[85] 1998-08-11  
[86] 1997-12-08 (PCT/JP97/04482)  
[87] (WO98/25815)  
[30] JP (P8/331004) 1996-12-11

[11] 2,250,620  
[13] C

[51] Int.Cl. 6A23L 1/225 6A23J 1/14  
[25] EN  
[54] NOVEL METHOD OF PRODUCTION OF MUSTARD POWDER  
[54] NOUVELLE METHODE DE CONFECTION DE LA MOUTARDE EN POUDRE  
[72] SAKAI, Shiro, JP  
[72] SAKAI, Makoto, JP  
[72] TANAKA, Hisao, JP  
[73] SHIRO SAKAI, JP  
[22] 1998-10-09

[11] 2,252,683  
[13] C

[51] Int.Cl. 6H01F 38/12 6H01T 13/02  
[25] EN  
[54] MAGNETIC CORE-COIL ASSEMBLY FOR SPARK IGNITION SYSTEMS  
[54] ENSEMBLE BOBINE/NOYAU MAGNETIQUE POUR MOTEURS A EXPLOSION  
[72] PAPANESTOR, Paul A., US  
[72] RAPOPORT, William R., US  
[73] ALLIEDSIGNAL INC., US  
[85] 1998-10-27  
[86] 1997-04-25 (PCT/US97/07068)  
[87] (WO97/41575)  
[30] US (08/639,498) 1996-04-29  
[30] US (08/790,339) 1997-01-27

[11] 2,263,296  
[13] C

[51] Int.Cl. 6H02M 7/539 6H02M 7/525  
[25] EN  
[54] INVERTER FOR INPUTTING SINUSOIDAL CURRENTS INTO AN ALTERNATING CURRENT NETWORK  
[54] ONDULEUR POUR L'INJECTION DE COURANTS SINUSOIDAUX DANS UN RESEAU ALTERNATIF  
[72] WOBLEN, Aloys, DE  
[73] WOBLEN, Aloys, DE  
[85] 1999-02-12  
[86] 1998-06-06 (PCT/EP98/03401)  
[87] (WO98/58441)  
[30] DE (197 25 629.5) 1997-06-17

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[11] **2,267,771**  
[13] C

[51] **Int.Cl. 6H01B 5/00**  
[25] EN  
[54] **ELECTROBRAID FENCE**  
[54] **CLOTURE DE CORDE TRESSEE**  
**ELECTRIQUE**  
[72] WHITE, Eric, CA  
[73] WHITE, Eric, CA  
[85] 1999-04-06  
[86] 1997-11-03 (PCT/CA97/00820)  
[87] (WO98/20505)  
[30] CA (2 189 513) 1996-11-04  
[30] US (08/824,973) 1997-03-27

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[11] **2,280,625**  
[13] C

[51] **Int.Cl. 6A01G 23/08 6B64D 1/22**  
**6B66C 1/58**  
[25] EN  
[54] **STANDING STEM LOG**  
**HARVESTING SYSTEM**  
[54] **SYSTEME DE BUCHERONNAGE**  
**DE TRONCS A LA VERTICALE**  
[72] JARMAN, PHILIP S., CR  
[73] JARMAN, PHILIP S., CR  
[22] 1999-08-17  
[30] CA (2,251,236) 1998-10-21

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[11] **2,286,935**  
[13] C

[51] **Int.Cl. 6G06F 17/28 6G06F 17/27**  
[25] EN  
[54] **TRANSLATION SYSTEM**  
[54] **SYSTEME DE TRADUCTION**  
[72] ANGLEHART, JAMES, CA  
[72] VERES, MARIA, CA  
[72] BRANDON, MAREK, CA  
[73] SHINAR LINGUISTIC  
TECHNOLOGIES INC., CA  
[85] 1999-11-01  
[86] 1998-05-27 (PCT/CA98/00549)  
[87] (WO98/54655)  
[30] US (60/048,715) 1997-05-28

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[11] **2,289,478**  
[13] C

[51] **Int.Cl. 7G06F 13/00 7G09G 5/34**  
[25] EN  
[54] **PARAMETERIZED IMAGE**  
**ORIENTATION FOR COMPUTER**  
**DISPLAYS**  
[54] **ORIENTATION D'IMAGES**  
**PARAMETREES POUR ECRANS**  
**D'ORDINATEURS**  
[72] BADGER, ALAN E., US  
[73] PORTRAIT DISPLAYS, INC., US  
[85] 1999-11-12  
[86] 1999-03-19 (PCT/US99/06100)  
[87] (WO99/48012)  
[30] US (09/045,063) 1998-03-19

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[11] **2,302,517**  
[13] C

[51] **Int.Cl. 7D06F 33/00**  
[25] EN  
[54] **IMPROVEMENTS IN OR**  
**RELATING TO LAUNDRY MACHINES**  
**AND/OR METHODS OF**  
**CONTROLLING THE SAME**  
[54] **AMELIORATIONS DE OU EN**  
**RELATIONS A DES LESSIVEUSES ET/**  
**OU METHODE DE CONTROLE**  
[72] WILLIAMS, JOHN JULIAN AUBREY,  
NZ  
[72] SHACKLOCK, FRANK WHITNEY,  
NZ  
[72] ENSOR, DAVID JOHN, NZ  
[73] FISHER & PAYKEL LIMITED, NZ  
[22] 1990-08-27  
[62] 2,024,025  
[30] NZ (230489) 1989-08-30

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[13] A1  
[51] **Int.Cl. 6B60R 11/00 6B60R 7/00**  
[25] EN  
[54] **VAN CAN**  
[54] **CONTENANT « VAN CAN »**  
[72] HILDRETH, MARIKE, CA  
[71] HILDRETH, MARIKE, CA  
[22] 1999-08-09  
[43] 2001-02-09

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[21] **2,279,013**  
[13] A1  
[51] **Int.Cl. 6H04H 9/00 6H04M 3/42**  
[25] EN  
[54] **TELEVISION COMMERCIAL FREQUENT VIEWER REWARDS SYSTEM**  
[54] **SYSTEME DE RECOMPENSE POUR GRANDS TELESPECTATEURS CONSOMMATEURS DE PUBLICITES**  
[72] BARRETT, BRAD C., CA  
[72] VASILAKOS, JOHN ANDREW, CA  
[71] BARRETT, BRAD C., CA  
[71] VASILAKOS, JOHN ANDREW, CA  
[22] 1999-08-05  
[43] 2001-02-05

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[21] **2,279,015**  
[13] A1  
[51] **Int.Cl. 6A63F 9/18 6A63F 9/00 6A63F 9/06**  
[25] EN  
[54] **SKELETONS IN THE CLOSET**  
[54] **SQUELETES DANS LE PLACARD**  
[72] COHEN, DAVID ARTHUR, CA  
[71] COHEN, DAVID ARTHUR, CA  
[22] 1999-08-05  
[43] 2001-02-05

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[21] **2,279,018**  
[13] A1  
[51] **Int.Cl. 6A01K 23/00 6A01K 1/01**  
[25] EN  
[54] **BAGS' IT**  
[54] **SACS "BAGS' IT"**  
[72] PERRY, DEREK I., CA  
[71] PERRY, DEREK I., CA  
[22] 1999-08-04  
[43] 2001-02-04

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[21] **2,279,038**  
[13] A1  
[51] **Int.Cl. 6A42B 1/04 6A42B 1/24**  
[25] EN  
[54] **K-KAPS**  
[54] **CASQUETTE « K-KAPS »**  
[72] LASAGNA, PHIL, CA  
[71] LASAGNA, PHIL, CA  
[22] 1999-08-06  
[43] 2001-02-06

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[21] **2,279,215**  
[13] A1  
[51] **Int.Cl. 6B27N 3/00 6B32B 21/14 6E04H 17/16**  
[25] FR  
[54] **BOIS-PLASTIQUE: COMPOSITE ET DERIVES**  
[54] **PLASTIC WOOD: COMPOSITE AND BYPRODUCTS**  
[72] DROLET, LUC, CA  
[71] DROLET, LUC, CA  
[22] 1999-08-06  
[43] 2001-02-06

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[21] **2,279,604**  
[13] A1  
[51] **Int.Cl. 6A63B 25/10 6A43B 5/00 6A63B 5/00**  
[25] EN  
[54] **JUMP SHOE**  
[54] **CHAUSSURE DE SAUT**  
[72] LEE, YAN-YEE, TW  
[71] LEE, YAN-YEE, TW  
[22] 1999-08-04  
[43] 2001-02-04

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[21] **2,279,613**  
[13] A1  
[51] **Int.Cl. 6A61B 5/04**  
[25] EN  
[54] **BIOMAGNETISM MEASURING METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL POUR MESURER LE BIOMAGNETISME**  
[72] TOMITA, SADAMU, JP  
[72] TOYAMA, KEISUKE, JP  
[71] SHIMADZU CORPORATION, JP  
[22] 1999-08-04  
[43] 2001-02-04

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[21] **2,279,614**  
[13] A1  
[51] **Int.Cl. 6C09D 11/02**  
[25] EN  
[54] **REVERSIBLY-CROSSLINKED-POLYMERS FOR SHEAR-THINNING PHASE CHANGE INK JET INKS**  
[54] **POLYMERES A RETICULATION REVERSIBLE POUR ENCRE FLUIDIFIABLES PAR CHANGEMENT DE PHASE UTILISEES DANS DES APPAREILS A JETS D'ENCRE**  
[72] RODEBAUGH, ROBERT P., US  
[72] MATZINGER, MICHAEL D., US  
[71] WESTVACO CORPORATION, US  
[22] 1999-08-04  
[43] 2001-02-04

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[21] **2,279,628**  
[13] A1  
[51] **Int.Cl. 6A63B 59/14 6B32B 21/10**  
[25] EN  
[54] **DOUBLE PRESSING CARBON FIBER**  
[54] **PROCEDE DE DOUBLE PRESSAGE DE FIBRES DE CARBONE**  
[72] QUDDUS, MICHAEL, CA  
[71] SPORT MASKA INC., CA  
[22] 1999-08-04  
[43] 2001-02-04

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[21] **2,279,645**  
[13] A1  
[51] **Int.Cl. 6H04B 10/17 6H04J 14/02**  
[25] EN  
[54] **TWO-STAGE MODULAR WIDE-BAND OPTICAL AMPLIFIERS**  
[54] **AMPLIFICATEURS OPTIQUES LARGE BANDE MODULAIRES A DEUX ETAGES**  
[72] BARNARD, CHRIS W., US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-08-04  
[43] 2001-02-04

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[21] **2,279,652**  
[13] A1  
[51] **Int.Cl. 6H04L 12/12 6H04L 12/56**  
[25] EN  
[54] **METHOD AND APPARATUS FOR RESOURCE ALLOCATION IN A CELL/PACKET BASED NETWORK**  
[54] **METHODE ET APPAREIL D'ATTRIBUTION DES RESSOURCES DANS UN RESEAU DE TRANSMISSION DE CELLULES/PAQUETS**  
[72] HUANG, JUN, CA  
[72] FENGCHUN, DUAN, CA  
[71] SPACEBRIDGE NETWORKS CORPORATION, CA  
[22] 1999-08-05  
[43] 2001-02-05

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[21] **2,279,666**  
[13] A1  
[51] **Int.Cl. 6B07C 3/18**  
[25] EN  
[54] **LASER APPLICATION OF BAR CODES AND CANCELLATION OF STAMPS**  
[54] **IMPRESSION PAR LASER DE CODE A BARRE ET OBLITERATION PAR LASER DE TIMBRE**  
[72] JESSOME, TOM W., CA  
[71] CANADA POST CORPORATION, CA  
[22] 1999-08-05  
[43] 2001-02-05

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[21] **2,279,676**  
[13] A1  
[51] **Int.Cl. 6A61H 15/00**  
[25] EN  
[54] **ROTATING APPARATUS FOR SURFACE MASSAGE**  
[54] **APPAREIL TOURNANT POUR LE MASSAGE DE LA PEAU**  
[72] POLYCHRONIS, GUS, CA  
[71] POLYCHRONIS, GUS, CA  
[22] 1999-08-05  
[43] 2001-02-05

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[21] **2,279,678**  
[13] A1  
[51] **Int.Cl. 6G06F 17/00**  
[25] EN  
[54] **A METHOD FOR RECOGNIZING TREES BY PROCESSING POTENTIALLY NOISY SUBSEQUENCE TREES**  
[54] **METHODE DE RECONNAISSANCE DES ARBORESCENCES PAR LE TRAITEMENT DES ARBORESCENCES DE SOUS-SUITES POTENTIELLEMENT BRUTEES**  
[72] OOMMEN, JOHN B., CA  
[71] 3618633 CANADA INC., CA  
[22] 1999-08-05  
[43] 2001-02-05

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[21] **2,279,680**  
[13] A1  
[51] **Int.Cl. 6H03K 5/01 6H04L 25/03**  
[25] EN  
[54] **BINARY WAVEFORM SHAPING APPARATUS**  
[54] **APPAREIL DE CONFORMATION DE FORMES D'ONDE BINAIRES**  
[72] JELEA, FLORIN, CA  
[72] HORVAT, DION, CA  
[71] VTECH COMMUNICATIONS, LTD., HK  
[22] 1999-08-05  
[43] 2001-02-05

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[21] **2,279,682**  
[13] A1  
[51] **Int.Cl. 6F03B 11/00 6F03B 3/00**  
[25] EN  
[54] **PARTIAL SPLITTER VANE FOR REACTION HYDRAULIC TURBINE**  
[54] **AILETTE A DEFLECTION PARTIELLE POUR TURBINE HYDRAULIQUE A REACTION**  
[72] COULSON, STUART THOMAS, CA  
[72] NICHTAWITZ, ALOIS, AT  
[72] ANGERER, CHRISTIAN KARL, AT  
[71] COULSON, STUART THOMAS, CA  
[71] NICHTAWITZ, ALOIS, AT  
[71] ANGERER, CHRISTIAN KARL, AT  
[22] 1999-08-06  
[43] 2001-02-06

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[21] **2,279,683**  
[13] A1  
[51] **Int.Cl. 6A61L 2/16 6C02F 1/50**  
[25] EN  
[54] **DEACTIVATION OF TOXIC BIOLOGICAL AGENTS IN BIOLOGICAL FLUIDS SUCH AS BLOOD**  
[54] **DESACTIVATION D'AGENTS BIOLOGIQUES TOXIQUES DANS DES LIQUIDES BIOLOGIQUES COMME LE SANG**  
[72] ST-LOUIS, JEAN-PIERRE, CA  
[72] BOURGET, STÉPHANE, CA  
[72] MESSIER, PIERRE, CA  
[71] ST-LOUIS, JEAN-PIERRE, CA  
[71] BOURGET, STÉPHANE, CA  
[71] MESSIER, PIERRE, CA  
[22] 1999-08-05  
[43] 2001-02-05

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[21] **2,279,684**  
[13] A1  
[51] **Int.Cl. 6H04M 1/66**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TELEPHONE CALL FRAUD DETECTION AND PREVENTION**  
[54] **METHODE ET APPAREIL DE DETECTION ET DE PREVENTION D'UTILISATION FRAUDULEUSE DE LIGNES TELEPHONIQUES**  
[72] MCCULLOUGH, SHELDON, CA  
[72] RYLEY, GORDON, CA  
[71] VTECH COMMUNICATIONS, LTD., HK  
[22] 1999-08-05  
[43] 2001-02-05

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[21] **2,279,685**  
[13] A1

[51] **Int.Cl. 6H04M 1/00 6G08C 23/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING A CORDLESS TELEPHONE HEADSET**  
[54] **METHODE ET APPAREIL DE COMMANDE DE CASQUE DE TELEPHONE SANS CORDON**  
[72] ROGALSKI, GARY, CA  
[71] VTECH COMMUNICATIONS, LTD., HK  
[22] 1999-08-05  
[43] 2001-02-05

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[21] **2,279,686**  
[13] A1

[51] **Int.Cl. 6E04G 1/20**  
[25] EN  
[54] **MOBILE SCAFFOLD VEHICLE**  
[54] **VEHICULE A ECHAFAUDAGE MOBILE**  
[72] LYON, JEFFREY RICHARD, CA  
[72] HUBBARD, GREG PETER, CA  
[72] BOULANGER, SYLVAIN, CA  
[71] SCAFFWAY INC., CA  
[22] 1999-08-09  
[43] 2001-02-09

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[21] **2,279,690**  
[13] A1

[51] **Int.Cl. 6E04B 2/70**  
[25] EN  
[54] **WOODEN MASSIVE WALL SYSTEM**  
[54] **OSSATURE MURALE EN BOIS MASSIF**  
[72] CAMPO, JOSEPH M., US  
[71] CAMPO, JOSEPH M., US  
[22] 1999-08-06  
[43] 2001-02-06

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[21] **2,279,691**  
[13] A1

[51] **Int.Cl. 6C08G 73/02**  
[25] EN  
[54] **WASTEWATER-RECYCLABLE PROCESS FOR PRODUCING A POLYANILINE RESIN POWDER**  
[54] **PROCESSUS DE PRODUCTION D'UNE RESINE EN POUDRE A BASE DE POLYANILINE DONT UNE DES ETAPES EST LE RECYCLAGE DES EAUX RESIDUAIRES**  
[72] HSIEH, TAR-HWA, TW  
[72] HO, KO-SHAN, TW  
[71] CONPOLY TECHNOLOGY CO., LTD., TW  
[22] 1999-08-05  
[43] 2001-02-05

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[21] **2,279,697**  
[13] A1

[51] **Int.Cl. 6E03F 7/10**  
[25] FR  
[54] **UNITE MOBILE DE TRAITEMENT DES EAUX USEES**  
[54] **MOBILE WASTE TREATMENT UNIT**  
[72] VACHON, ÉRICK, CA  
[72] VACHON, TONY, CA  
[71] GROUPE SNS (SERVICE NETTOYAGE SANITAIRE) INC., CA  
[22] 1999-08-06  
[43] 2001-02-06

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[21] **2,279,702**  
[13] A1

[51] **Int.Cl. 6D06F 73/00**  
[25] EN  
[54] **GARMENT STEAMER**  
[54] **APPAREIL A VAPEUR POUR REPASSER LES VETEMENTS**  
[72] IMADA, JAMES YOSHIKI, CA  
[71] IMADA, JAMES YOSHIKI, CA  
[22] 1999-08-05  
[43] 2001-02-05

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[21] **2,279,711**  
[13] A1

[51] **Int.Cl. 6F01M 5/02**  
[25] EN  
[54] **PNEUMATIC SYSTEM FOR STORING ENGINES HOT OIL IN COLD WEATHER**  
[54] **SYSTEME PNEUMATIQUE PERMETTANT DE STOCKER L'HUILE CHAUDE DES MOTEURS PAR TEMPS FROID**  
[72] FERNANDES, LUIZ CLAUDIO VIEIRA, CA  
[71] FERNANDES, LUIZ CLAUDIO VIEIRA, CA  
[22] 1999-08-06  
[43] 2001-02-06

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[21] **2,279,714**  
[13] A1

[51] **Int.Cl. 6G01M 11/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MEASUREMENT OF A CHARACTERISTIC OF LENS**  
[54] **METHODE ET SYSTEME POUR MESURER UNE CARACTERISTIQUE D'UNE LENTILLE**  
[72] RANDALL, GEOFF, CA  
[72] YANG, JIAN JIM, CA  
[72] COLBOURNE, PAUL, CA  
[71] JDS FITEL INC., CA  
[22] 1999-08-04  
[43] 2001-02-04

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[21] **2,279,719**  
[13] A1

[51] **Int.Cl. 6H04M 1/19**  
[25] EN  
[54] **DEVICE FOR AIRFLOW NOISE REDUCTION FOR HANDSETS**  
[54] **DISPOSITIF D'ATTENUATION DU BRUIT CAUSE PAR LE PASSAGE DE L'AIR DANS LES COMBINES**  
[72] DAIGLE, GILLES A., CA  
[72] STINSON, MICHAEL R., CA  
[71] DAIGLE, GILLES A., CA  
[71] STINSON, MICHAEL R., CA  
[22] 1999-08-06  
[43] 2001-02-06

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[21] **2,279,723**  
[13] A1

[51] **Int.Cl. 6E03F 5/14**  
[25] EN  
[54] **ANIMAL CONTROL GATE FOR CULVERTS AND THE LIKE**  
[54] **BARRIERE ANTI-ANIMAUX POUR PONCEAUX ET DISPOSITIFS SEMBLABLES**  
[72] TAGGART, PAUL WILLIAM, CA  
[71] TAGGART, PAUL WILLIAM, CA  
[22] 1999-08-05  
[43] 2001-02-05

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[21] **2,279,727**  
[13] A1

[51] **Int.Cl. 6A47C 21/00 6A47C 19/22**  
[25] EN  
[54] **BED FRAME LEG SAFETY GUARD**  
[54] **PROTECTEUR POUR PIED DE LIT**  
[72] COLLINS, DANIEL, CA  
[71] COLLINS, DANIEL, CA  
[22] 1999-08-05  
[43] 2001-02-05

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[21] **2,279,728**  
[13] A1

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **SOFT, PRIORITIZED EARLY PACKET DISCARD (SPEPD) SYSTEM**  
[54] **SYSTEME DE REJET DE PAQUETS INITIAUX ADAPTABLE SELON LA PRIORITE (SPEPD)**  
[72] WIBOWO, EKO ADI, CA  
[72] HUANG, JUN, CA  
[71] SPACEBRIDGE NETWORKS CORPORATION, CA  
[22] 1999-08-06  
[43] 2001-02-06

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[21] **2,279,733**  
[13] A1

[51] **Int.Cl. 6A62C 13/78 6G08B 5/36**  
[25] EN  
[54] **BRACKET HAVING INTEGRAL LOCATING BEACON**  
[54] **SUPPORT COMPRENANT UN DISPOSITIF DE LOCALISATION INTEGRE**  
[72] HINCHER, WILLIAM, US  
[71] HINCHER, WILLIAM, US  
[22] 1999-08-05  
[43] 2001-02-05

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[21] **2,279,738**  
[13] A1

[51] **Int.Cl. 6A43B 7/08**  
[25] EN  
[54] **VENTILATED FOOTWEAR**  
[54] **CHAUSSURES VENTILEES**  
[72] DI GIROLAMO, MARIO, CA  
[71] OPAL LIMITED, BS  
[22] 1999-08-04  
[43] 2001-02-04

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[21] **2,279,741**  
[13] A1

[51] **Int.Cl. 6G06F 17/60 6H04L 12/16**  
[25] EN  
[54] **METHOD AND SYSTEM FOR ELECTRONIC PAYMENTS**  
[54] **METHODE ET SYSTEME POUR LES PAIEMENTS ELECTRONIQUES**  
[72] LANT, DAVID, CA  
[72] AKISTER, JIM, CA  
[72] NEWMAN, DOUGLAS, CA  
[72] FORDE, PETER, CA  
[72] PAVLIK, PATRICK, CA  
[72] HEIT, GRAHAM, CA  
[71] RDM CORPORATION, CA  
[22] 1999-08-06  
[43] 2001-02-06

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[21] **2,279,763**  
[13] A1

[51] **Int.Cl. 6G06F 17/11 6G11B 23/00 6G06F 17/13**  
[25] EN  
[54] **METHOD AND APPARATUS FOR FAST SIMULATION OF RESPONSE OF AN ELLIPTIC PARTIAL DIFFERENTIAL EQUATION SYSTEM**  
[54] **METHODE ET APPAREIL DE SIMULATION RAPIDE DE LA REPONSE D'UN SYSTEME D'EQUATION ELLIPTIQUE DIFFERENTIELLE PARTIELLE**  
[72] PAI, DINESH K., CA  
[72] JAMES, DOUG L., CA  
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA  
[22] 1999-08-06  
[43] 2001-02-06

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[21] **2,279,767**  
[13] A1

[51] **Int.Cl. 6B64D 47/00 6B61K 13/00**  
[25] EN  
[54] **BASKET FOR SUSPENSION FROM OVERHEAD CABLES**  
[54] **NACELLE A SUSPENDRE A DES LIGNES AERIENNES**  
[72] CHAREST, MARC, CA  
[72] CARPENTIER, CHRISTIAN, CA  
[71] LES HELICOPTERES CANADIENS LIMITEE, CA  
[22] 1999-08-06  
[43] 2001-02-06

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[21] **2,279,768**  
[13] A1

[51] **Int.Cl. 6B64D 47/00**  
[25] EN  
[54] **BASKET TRANSPORTABLE BY HELICOPTER FOR USE ON ELEVATED CABLES OR INSTALLATIONS**  
[54] **NACELLE TRANSPORTABLE PAR HELICOPTERE, UTILISABLE SUR DES LIGNES OU DES INSTALLATIONS AERIENNES**  
[72] DESPOIS, YVES, CA  
[72] CHAREST, MARC, CA  
[71] LES HELICOPTERES CANADIENS LIMITEE, CA  
[22] 1999-08-06  
[43] 2001-02-06

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[21] **2,279,770**  
[13] A1

[51] **Int.Cl. 6A47L 9/02 6A47L 9/28**  
[25] EN  
[54] **VACUUM FITTING**  
[54] **RACCORD POUR APPAREIL A DEPRESSION**  
[72] MANTYLA, JAMES, CA  
[72] BROEDERS, NICHOLAS, CA  
[71] CANPLAS INDUSTRIES LTD., CA  
[22] 1999-08-04  
[43] 2001-02-04

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[21] **2,279,774**  
[13] A1

[51] **Int.Cl. 6H04B 7/08**  
[25] EN  
[54] **SPATIAL DIVERSITY RADIO RECEIVER**  
[54] **RECEPTEUR RADIO A DIVERSITE SPATIALE**  
[72] VALLÉE, RICHARD, CA  
[72] MARTIN, MICHEL, CA  
[72] BEAUDIN, ANDRÉ, CA  
[71] DATARADIO INC., CA  
[22] 1999-08-09  
[43] 2001-02-09

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[21] **2,279,775**  
[13] A1

[51] **Int.Cl. 6B60P 3/355**  
[25] EN  
[54] **TRAILER TOP LIFT**  
[54] **ELEVATEUR SUR REMORQUE**  
[72] STEURY, EDWIN J., US  
[72] STEURY, VIRGIL H., US  
[71] STEURY, EDWIN J., US  
[71] STEURY, VIRGIL H., US  
[22] 1999-08-09  
[43] 2001-02-09

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[21] **2,279,797**  
[13] A1

[51] **Int.Cl. 6G06T 5/50**  
[25] EN  
[54] **A METHOD FOR TEMPORAL INTERPOLATION OF AN IMAGE SEQUENCE USING OBJECT-BASED IMAGE ANALYSIS**  
[54] **METHODE D'INTERPOLATION TEMPORELLE D'UNE SEQUENCE D'IMAGES AU UTILISANT UNE ANALYSE D'IMAGE FONDEE SUR LES OBJETS**  
[72] WANG, DEMIN, CA  
[72] VINCENT, ANDRÉ, CA  
[71] WANG, DEMIN, CA  
[71] VINCENT, ANDRÉ, CA  
[22] 1999-08-06  
[43] 2001-02-06

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[21] **2,279,803**  
[13] A1

[51] **Int.Cl. 6H04L 12/24 6H04L 12/20 6H04L 12/56**  
[25] EN  
[54] **OUTPUT FLOW CONTROL WITH ADAPTIVE FEED-FORWARD FROM INPUT**  
[54] **REGULATION DU DEBIT A PROGRESSION ADAPTATIVE**  
[72] HUANG, JUN, CA  
[72] WIBOWO, EKO ADI, CA  
[71] SPACEBRIDGE NETWORKS CORPORATION, CA  
[22] 1999-08-09  
[43] 2001-02-09

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[21] **2,279,804**  
[13] A1

[51] **Int.Cl. 6B63B 29/00 6B63B 17/00 6B63B 35/73**  
[25] EN  
[54] **DECK BOAT**  
[54] **EMBARCATION A PONT**  
[72] RHEAULT, ALAIN, CA  
[72] KALHOK, DAVID, US  
[72] AUBÉ, MARTIN, CA  
[71] BOMBARDIER INC., CA  
[22] 1999-08-09  
[43] 2001-02-09

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[21] **2,279,809**  
[13] A1

[51] **Int.Cl. 6C04B 35/478**  
[25] EN  
[54] **PROCESS FOR PREPARING ALUMINUM TITANATE POWDER AND PROCESS FOR PREPARING SINTERED BODY OF ALUMINUM TITANATE**  
[54] **PROCEDE DE PREPARATION D'UNE POUDRE DE TITANATE D'ALUMINIUM ET PROCEDE DE PREPARATION D'UN ARTICLE FRITTE EN TITANATE D'ALUMINIUM**  
[72] FUKUDA, TSUTOMU, JP  
[72] FUKUDA, MASAHIRO, JP  
[71] FUKUDA, TSUTOMU, JP  
[71] FUKUDA, MASAHIRO, JP  
[71] FUKUDA, MASAHIRO, JP  
[71] FUKUDA, MASAHIRO, JP  
[22] 1999-08-09  
[43] 2001-02-09

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[21] **2,279,820**  
[13] A1

[51] **Int.Cl. 6C08L 21/00 6B29C 47/00 6E04D 11/00 6B29D 7/01 6C08L 75/04 6C08L 23/06 6C08L 25/06 6C08L 23/12 6C08L 101/12**  
[25] EN  
[54] **MATERIAL FOR THE PRODUCTION OF BUILDING MATERIALS OR SHAPED ARTICLES**  
[54] **MATERIEL DE PRODUCTION DE MATERIAUX DE CONSTRUCTION OU D'ARTICLES FACONNES**  
[72] HENRICH, ROLF, DE  
[71] ROWEFORM KUNSTSTOFFE GMBH & CO. KG, DE  
[22] 1999-08-09  
[43] 2001-02-09

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[21] **2,279,821**  
[13] A1

[51] **Int.Cl. 6C10B 53/00 6F23C 9/00 6F23G 7/00 6F23B 1/14**  
[25] EN  
[54] **PROCESS AND DEVICE FOR GASIFICATION OF WASTE**  
[54] **PROCEDE ET DISPOSITIF DE GAZEIFICATION DE DECHETS**  
[72] HALANG, SVEN, DE  
[72] MARSCHNER, SIEGMAR, DE  
[71] HALANG, SVEN, DE  
[71] MARSCHNER, SIEGMAR, DE  
[22] 1999-08-10  
[43] 2001-02-10

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[21] **2,279,832**  
[13] A1

[51] **Int.Cl. 6G08B 15/00 6A01M 29/02**  
[25] EN  
[54] **AUTO-ACTIVATED SELF-DEFENSE ALARM APPARATUS**  
[54] **DISPOSITIF D'AUTO-DEFENSE AUTO-ACTIVE**  
[72] CLARKE, JOHN, CA  
[71] CLARKE, JOHN, CA  
[22] 1999-08-09  
[43] 2001-02-09

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[21] **2,279,879**  
[13] A1  
[51] **Int.Cl. 6F17D 3/01 6G01N 21/00 6G01F 23/02 6B67D 5/38**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TRACKING THE FLOW OF LIQUIDS IN A GAS PIPE**  
[54] **METHODE ET DISPOSITIF DE SUIVI DE L'ECOULEMENT DE LIQUIDES DANS UNE CONDUITE DE GAZ**  
[72] GERSHMAN, ALBERT W., US  
[71] BROOKLYN UNION, US  
[22] 1999-08-10  
[43] 2001-02-10

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[21] **2,279,889**  
[13] A1  
[51] **Int.Cl. 6F16K 11/00 6F16K 11/072**  
[25] EN  
[54] **DIVERSION DEVICE BETWEEN A FAUCET AND A SHOWERHEAD**  
[54] **DISPOSITIF DE DERIVATION ENTRE UN ROBINET ET UNE POMME DE DOUCHE**  
[72] FAN, CHEN-YUEH, TW  
[71] FAN, CHEN-YUEH, TW  
[22] 1999-08-10  
[43] 2001-02-10

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[21] **2,279,957**  
[13] A1  
[51] **Int.Cl. 6A47J 37/12 6A23L 1/01**  
[25] EN  
[54] **APPARATUS AND METHOD FOR AUTOMATICALLY FRYING FOODSTUFF**  
[54] **DISPOSITIF ET METHODE DE FRITURE AUTOMATIQUE D'ALIMENTS**  
[72] SHIMANSKY, DAVID, CA  
[72] SHIMANSKY, CHAIM, IL  
[71] SPEED FRY CORPORATION, CA  
[22] 1999-08-09  
[43] 2001-02-09

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[21] **2,279,975**  
[13] A1  
[51] **Int.Cl. 6A47D 13/04**  
[25] EN  
[54] **WHEEL ASSEMBLY FOR A BABY WALKER OR STROLLER**  
[54] **ROUES DE TROTTE-BEBE OU DE POUSETTE**  
[72] WU, TSAI MEI, TW  
[71] WU, TSAI MEI, TW  
[22] 1999-08-09  
[43] 2001-02-09

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[21] **2,280,200**  
[13] A1  
[51] **Int.Cl. 6B41M 1/40**  
[25] FR  
[54] **DISPOSITIF POUR IMPRIMER PAR JETS D'ENCRE SUR DES SURFACES RIGIDES**  
[54] **DEVICE FOR INK JET PRINTING ON HARD SURFACES**  
[72] DER VELOY, BERTRAND, CA  
[71] DER VELOY, BERTRAND, CA  
[22] 1999-08-10  
[43] 2001-02-10

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[21] **2,280,201**  
[13] A1  
[51] **Int.Cl. 6B60T 1/14 6B65G 67/02**  
[25] FR  
[54] **COIN POUR BLOQUER LE DEPLACEMENT LATERAL D'UN CONTENEUR SUR LE MAT D'UN CAMION OU D'UNE REMORQUE DE TYPE ROLL-ON ROLL-OFF**  
[54] **WEDGE TO BLOCK THE LATERAL DISPLACEMENT OF A CONTAINER ON A TRUCK MAST OR A ROLL-ON ROLL-OFF TYPE TRAILER**  
[72] NADON, GILLES, CA  
[71] NADON, GILLES, CA  
[22] 1999-08-09  
[43] 2001-02-09

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[21] **2,280,243**  
[13] A1  
[51] **Int.Cl. 6H04L 12/16**  
[25] EN  
[54] **METHOD AND SYSTEM FOR CONDUCTING ELECTRONIC TRANSACTIONS OVER A NETWORK**  
[54] **METHODE ET SYSTEME D'EXECUTION DE TRANSACTIONS ELECTRONIQUES SUR UN RESEAU**  
[72] JETHA, ALYKHAN, CA  
[71] JETHA, ALYKHAN, CA  
[22] 1999-08-10  
[43] 2001-02-10

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[21] **2,280,423**  
[13] A1  
[51] **Int.Cl. 6F04B 53/14 6F04B 13/00 6F04B 53/02 6F04B 19/06 6B25D 17/26**  
[25] EN  
[54] **SINGLE-PIECE PISTON FOR USE IN A PNEUMATICALLY-ACTIVATED PUMP**  
[54] **PISTON MONOBLOC POUR POMPE A COMMANDE PNEUMATIQUE**  
[72] WECH, MICHAEL J., US  
[71] OIL-RITE CORPORATION, US  
[22] 1999-08-16  
[43] 2001-02-05  
[30] US (09/368,773) 1999-08-05

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[21] **2,280,446**  
[13] A1  
[51] **Int.Cl. 6A45C 3/00**  
[25] EN  
[54] **MORNING SICKNESS PURSE/ RECEPTACLE/BAG**  
[54] **SAC/RECIPIENT/SAC A MAIN POUR LES NAUSEES MATINALES**  
[72] GODISAN, ROSALIE I., CA  
[71] GODISAN, ROSALIE I., CA  
[22] 1999-08-10  
[43] 2001-02-10

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[21] **2,280,451**  
[13] A1  
[51] **Int.Cl. 6A41D 29/00 6A61F 13/15**  
[25] EN  
[54] **MENSTRUAL SKIRT PROTECTOR**  
[54] **JUPE PROTECTRICE MENSTRUEL**  
[72] GODISAN, ROSALIE I., CA  
[71] GODISAN, ROSALIE I., CA  
[22] 1999-08-10  
[43] 2001-02-10

**Demandes canadiennes mises à la disponibilité du public**  
**4 février 2001 - 10 février 2001**

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[21] **2,280,453**  
[13] A1

[51] **Int.Cl. 6A47C 16/02 6A47C 20/02 6A61G 7/075**  
[25] EN  
[54] **LEG EDEMA RELIEVER**  
[54] **SOULAGEMENT D'OEDEME DE LA JAMBE**  
[72] GODISAN, ROSALIE I., CA  
[71] GODISAN, ROSALIE I., CA  
[22] 1999-08-10  
[43] 2001-02-10

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[21] **2,280,454**  
[13] A1

[51] **Int.Cl. 6A41D 1/20**  
[25] EN  
[54] **BREASTFEEDING COVER/FLAP**  
[54] **ENVELOPPE/RABAT POUR L'ALLAITEMENT MATERNEL**  
[72] GODISAN, ROSALIE I., CA  
[71] GODISAN, ROSALIE I., CA  
[22] 1999-08-10  
[43] 2001-02-10

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[21] **2,280,456**  
[13] A1

[51] **Int.Cl. 6A61F 13/14**  
[25] EN  
[54] **TERRYCLOTH BRA FOR BREAST HOT AND COLD COMPRESS**  
[54] **SOUTIEN GORGE EN TISSU-EPONGE PERMETTANT D'APPLIQUER DES COMPRESSES CHAUDES ET FROIDES AUX SEINS**  
[72] GODISAN, ROSALIE I., CA  
[71] GODISAN, ROSALIE I., CA  
[22] 1999-08-10  
[43] 2001-02-10

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[21] **2,280,457**  
[13] A1

[51] **Int.Cl. 6A47K 17/00**  
[25] EN  
[54] **SHOWER ROD HANGER**  
[54] **TRINGLE A CINTRE POUR LA DOUCHE**  
[72] GODISAN, ROSALIE I., CA  
[71] GODISAN, ROSALIE I., CA  
[22] 1999-08-10  
[43] 2001-02-10

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[21] **2,280,924**  
[13] A1

[51] **Int.Cl. 6F16P 1/02**  
[25] EN  
[54] **CLEAR VIEW SCREEN**  
[54] **FENETRE D'OBSERVATION TOUJOURS CLAIRE**  
[72] BONAC, TOMO, CA  
[71] BONAC, TOMO, CA  
[22] 1999-08-09  
[43] 2001-02-09

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[21] **2,280,926**  
[13] A1

[51] **Int.Cl. 6A24F 19/00**  
[25] EN  
[54] **SAFEST ASHTRAY**  
[54] **CENDRIER TRES SECURITAIRE**  
[72] HENDI, BASILIO, AR  
[71] HENDI, BASILIO, AR  
[22] 1999-08-09  
[43] 2001-02-09

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[21] **2,280,928**  
[13] A1

[51] **Int.Cl. 6B65D 17/28**  
[25] EN  
[54] **PACKAGING TO HOLD FASTFOODS AND EXPOSE ONLY BITE-SIZED PORTIONS BEING EATEN**  
[54] **EMBALLAGE POUR LA RESTAURATION RAPIDE EXPOSANT UNIQUEMENT UNE PORTION DE LA TAILLE D'UNE BOUCHEE A MANGER A LA FOIS**  
[72] OGBUE, M. UDEOZO, CA  
[71] OGBUE, M. UDEOZO, CA  
[22] 1999-08-09  
[43] 2001-02-06  
[30] US (UNKNOWN) 1999-08-06

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[21] **2,281,061**  
[13] A1

[51] **Int.Cl. 6B62D 53/08 6B62D 33/04 6B60P 7/04**  
[25] EN  
[54] **PICK-UP TRUCK BED COVER FOR FIFTH-WHEEL HITCH**  
[54] **BACHE DE PLATEAU DE CAMIONNETTE A SELLETTE D'ATTELAGE**  
[72] LUKE, ALVIN D., US  
[71] LUKE, ALVIN D., US  
[22] 1999-08-24  
[43] 2001-02-10  
[30] US (09/371,969) 1999-08-10

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[21] **2,281,160**  
[13] A1

[51] **Int.Cl. 6A45D 34/00**  
[25] EN  
[54] **A FORM OF COMMERCE INVOLVING MARKETING AROMA THERAPY PILLOWINSERT DEVICE(S) THAT ARE INTENDED TO ASSIST WITH VARIOUS FORMS OF EMOTIONAL AND PHYSICAL DYSFUNCTION**  
[54] **FORME DE COMMERCE COMPRENANT LA COMMERCIALISATION DE DISPOSITIF(S) A INSERER DANS LES OREILLERS POUR L'AROMATHERAPIE CONCU(S) POUR VENIR EN AIDE AUX PERSONNES SOUFFRANT DE TROUBLES EMOTIONNELS ET PHYSIQUES**  
[72] NIKOOKAR, TAHMINEH, CA  
[71] NIKOOKAR, TAHMINEH, CA  
[22] 1999-08-10  
[43] 2001-02-10

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[21] **2,281,165**  
[13] A1

[51] **Int.Cl. 6G06F 1/16 6G06F 11/22**  
[25] EN  
[54] **COMPUTER CASE WITH DIAGNOSIS DEVICE**  
[54] **BOITIER D'ORDINATEUR AVEC DISPOSITIF DE DIAGNOSTIC**  
[72] ZHONG, JI, CA  
[72] ZHOU, YI-TONG, CA  
[71] ZHONG, JI, CA  
[71] ZHOU, YI-TONG, CA  
[22] 1999-08-09  
[43] 2001-02-09

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[21] **2,282,285**  
[13] A1

[51] **Int.Cl. 6B65G 1/10**  
[25] EN  
[54] **STORAGE SYSTEM**  
[54] **SYSTEME D'ENTREPOSAGE**  
[72] LAROCQUE, JEAN-LOUIS, CA  
[71] LAROCQUE, JEAN-LOUIS, CA  
[22] 1999-09-17  
[43] 2001-02-08

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February 4, 2001 - February 10, 2001

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[21] **2,284,106**  
[13] A1  
[51] **Int.Cl. 6B60R 9/00 6B62J 9/00**  
[25] EN  
[54] **SPORT VEHICLE LUGGAGE BAG WITH COLLAPSIBLE BEVERAGE HOLDER**  
[54] **SAC-BAGAGES DE VEHICULE SPORT AVEC PORTE-BOISSONS REPLIABLE**  
[72] HAYES, CHRISTOPHER J., US  
[71] SPECIALTY SPORTS LIMITED, US  
[22] 1999-09-28  
[43] 2001-02-05  
[30] US (09/368,677) 1999-08-05

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[21] **2,284,112**  
[13] A1  
[51] **Int.Cl. 6B60R 9/00 6A45C 3/00 6A45F 3/00 6B62J 9/00 6B60R 7/04**  
[25] EN  
[54] **COMBINATION BODY PACK AND HANDLEBAR BAG**  
[54] **SACOCHE DE CEINTURE ET SAC DE GUIDON COMBINES**  
[72] HAYES, CHRISTOPHER J., US  
[71] SPECIALTY SPORTS LIMITED, US  
[22] 1999-09-28  
[43] 2001-02-05  
[30] US (09/368,676) 1999-08-05

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[21] **2,284,114**  
[13] A1  
[51] **Int.Cl. 6B60R 9/00 6B62J 9/00**  
[25] EN  
[54] **SPORT VEHICLE BAG WITH PROTECTIVE PANEL**  
[54] **SAC DE VEHICULE SPORT COMPRENANT DES PANNEAUX DE PROTECTION**  
[72] HAYES, CHRISTOPHER J., US  
[71] SPECIALTY SPORTS LIMITED, US  
[22] 1999-09-28  
[43] 2001-02-05  
[30] US (09/368,678) 1999-08-05

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[21] **2,284,116**  
[13] A1  
[51] **Int.Cl. 6B60R 9/00 6B62J 9/00**  
[25] EN  
[54] **SPORT VEHICLE SADDLEBAG WITH PROTECTIVE PANELS**  
[54] **SACOCHE DE VEHICULE SPORT COMPRENANT DES PANNEAUX DE PROTECTION**  
[72] HAYES, CHRISTOPHER J., US  
[71] SPECIALTY SPORTS LIMITED, US  
[22] 1999-09-28  
[43] 2001-02-05  
[30] US (09/368,890) 1999-08-05

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[21] **2,284,244**  
[13] A1  
[51] **Int.Cl. 6B60R 9/00 6B62J 9/00 6A45F 3/50**  
[25] EN  
[54] **SPORT VEHICLE LUGGAGE BAG WITH DETACHABLE MAP POUCH**  
[54] **SAC-BAGAGES DE VEHICULE SPORT COMPRENANT UNE POCHE AMOVIBLE POUR CARTE**  
[72] HAYES, CHRISTOPHER J., US  
[71] SPECIALTY SPORTS LIMITED, US  
[22] 1999-09-28  
[43] 2001-02-05  
[30] US (09/368,776) 1999-08-05

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[21] **2,285,498**  
[13] A1  
[51] **Int.Cl. 6B60G 21/055 6B62D 9/00 6B60G 9/00 6B60G 11/26**  
[25] EN  
[54] **FRONT AIR SPRING SUSPENSION WITH LEADING ARM AND V-LINK COMBINATION**  
[54] **SUSPENSION AVANT PNEUMATIQUE A RESSORTS AVEC BRAS PRINCIPAUX ET ARTICULATION EN V COMBINES**  
[72] VIG, JUSTIN W., US  
[72] WARINNER, DEREK K., US  
[72] KORSON, JAMES, US  
[71] NAVISTAR INTERNATIONAL TRANSPORTATION CORP., US  
[22] 1999-10-06  
[43] 2001-02-09  
[30] US (09/370,542) 1999-08-09

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[21] **2,290,854**  
[13] A1  
[51] **Int.Cl. 7B60J 11/00 7B60S 5/00**  
[25] EN  
[54] **VEHICLE FENDER PROTECTIVE DEVICE**  
[54] **CARTER D'AILE DE VEHICULE**  
[72] McLING, LYNN D., US  
[71] McLING, LYNN D., US  
[22] 1999-11-24  
[43] 2001-02-09  
[30] US (09/370,278) 1999-08-09

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[21] **2,293,832**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60 7H04L 9/32**  
[25] EN  
[54] **METHOD AND SYSTEM FOR SECURE E-COMMERCE TRANSACTIONS**  
[54] **METHODE ET SYSTEME DE PROTECTION DES TRANSACTIONS DE COMMERCE ELECTRONIQUE**  
[72] SHANNON, JOHN P., CA  
[72] SOMERVILLE, JIM B., CA  
[72] BOUFFARD, CLAUDE C., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-12-31  
[43] 2001-02-05  
[30] US (09/368,932) 1999-08-05

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[21] **2,297,205**  
[13] A1  
[51] **Int.Cl. 7F25C 5/02 7F25C 3/04**  
[25] EN  
[54] **ARTIFICIAL SNOW PRODUCING AND RELEASING APPARATUS AND METHOD THEREOF**  
[54] **MATERIEL DE FABRICATION ET DE PROJECTION DE NEIGE ARTIFICIELLE ET METHODE CONNEXE**  
[72] FUJIWARA, TAKAMASA, JP  
[71] KABUSHIKI KAISHA PISTE SNOW INDUSTRIES, JP  
[71] KOYO INDUSTRY CO., LTD., JP  
[22] 2000-01-26  
[43] 2001-02-04  
[30] JP (11-220957) 1999-08-04

**Demandes canadiennes mises à la disponibilité du public**

**4 février 2001 - 10 février 2001**

[21] **2,297,387**  
[13] A1

[51] **Int.Cl. 7A45F 5/04 7A47K 10/02**  
[25] EN  
[54] **SWING TOWEL**  
[54] **PETITE SERVIETTE**  
**ATTACHABLE**  
[72] ELLIOTT, PAUL, US  
[71] ELLIOTT, PAUL, US  
[22] 2000-01-28  
[43] 2001-02-07  
[30] US (09/370,616) 1999-08-07

[21] **2,297,852**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **MULTIPLE-CASUALTY INCIDENT**  
**PATIENT TRACKING**  
[54] **MRQUAGE DES PATIENTS DANS**  
**DES ACCIDENTS AYANT FAIT DE**  
**NOMBREUX BLESSES**  
[72] GOETZ, JOHN W., US  
[72] GUILLOT, CHAD J., US  
[71] GOETZ, JOHN W., US  
[71] GUILLOT, CHAD J., US  
[22] 2000-01-31  
[43] 2001-02-09  
[30] US (09/369,871) 1999-08-09

[21] **2,298,819**  
[13] A1

[51] **Int.Cl. 7A01B 63/32**  
[25] EN  
[54] **BYPASS SYSTEM FOR**  
**ELECTRONICALLY CONTROLLED**  
**IMPLEMENT LIFT**  
[54] **SYSTEME DE DERIVATION POUR**  
**GERBEUSE A COMMANDE**  
**ELECTRONIQUE**  
[72] NOONAN, JAMES THOMAS, US  
[72] PARKER, PAUL DAVID, US  
[71] DEERE & COMPANY, US  
[22] 2000-02-15  
[43] 2001-02-10  
[30] US (09/370,844) 1999-08-10

[21] **2,298,988**  
[13] A1

[51] **Int.Cl. 7A01D 41/12 7A01D 57/00**  
**7A01D 57/30**  
[25] EN  
[54] **CROP RESIDUE SPREADER**  
[54] **EPANDEUSE DE RESIDUS DE**  
**RECOLTE**  
[72] GRYWACHESKI, SHELDON  
JOSEPH, US  
[72] AUBRY, DANIEL JOHN, US  
[71] WEBER, JEROME LAWRENCE, US  
[71] DEERE & COMPANY, US  
[22] 2000-02-18  
[43] 2001-02-06  
[30] US (09/369,641) 1999-08-06

[21] **2,299,002**  
[13] A1

[51] **Int.Cl. 7G01R 22/00 7G01R 21/00**  
[25] EN  
[54] **A-BASE REVENUE METER WITH**  
**POWER QUALITY FEATURES**  
[54] **APPAREIL DE MESURE AUX FINS**  
**DE LA FACTURATION A SOCLE « A »**  
**AVEC DES FONCTIONS**  
**D'EVALUATION DE LA QUALITE DE**  
**L'ALIMENTATION**  
[72] ANTONIOU, CONSTANTINE A., CA  
[72] TEACHMAN, MICHAEL E., CA  
[72] GUNN, COLIN N., CA  
[72] PRZYDATEK, PIOTR B., CA  
[72] JONKER, RENE T., CA  
[71] POWER MEASUREMENT LTD., CA  
[22] 2000-02-18  
[43] 2001-02-09  
[30] US (09/371,883) 1999-08-09

[21] **2,299,043**  
[13] A1

[51] **Int.Cl. 7G01R 22/00 7G01R 21/00**  
[25] EN  
[54] **REVENUE METER WITH POWER**  
**QUALITY FEATURES**  
[54] **APPAREIL DE MESURE AUX FINS**  
**DE LA FACTURATION AVEC DES**  
**FONCTIONS D'EVALUATION DE LA**  
**QUALITE DE L'ALIMENTATION**  
[72] ANTONIOU, CONSTANTINE A., CA  
[72] GUNN, COLIN N., CA  
[72] PRZYDATEK, PIOTR B., CA  
[72] JONKER, RENE T., CA  
[72] TEACHMAN, MICHAEL E., CA  
[71] POWER MEASUREMENT LTD., CA  
[22] 2000-02-21  
[43] 2001-02-09  
[30] US (09/370,317) 1999-08-09

[21] **2,299,044**  
[13] A1

[51] **Int.Cl. 7G01R 22/00 7G01R 21/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**AUTOMATICALLY CONTROLLED**  
**GAIN SWITCHING OF MONITORS**  
[54] **METHODE ET APPAREILLAGE**  
**POUR LA COMMUTATION DU GAIN A**  
**COMMANDE AUTOMATIQUE DE**  
**MONITEURS**  
[72] PRZYDATEK, PIOTR B., CA  
[72] JONKER, RENE T., CA  
[71] POWER MEASUREMENT LTD., CA  
[22] 2000-02-21  
[43] 2001-02-09  
[30] US (09/369,870) 1999-08-09

[21] **2,299,648**  
[13] A1

[51] **Int.Cl. 7F41B 5/10 7F41B 5/00 7F41B**  
**5/14**  
[25] EN  
[54] **ARCHERY BOW HAVING A SIDE**  
**MOUNTING SWING ARM CABLE**  
**GUARD**  
[54] **ARC COMPRENANT UN**  
**PROTEGE-CABLE DE BRAS**  
**OSCILLANT MONTE SUR LE COTE**  
[72] GALLOPS, HENRY M., JR., US  
[71] BEAR ARCHERY, LLC, US  
[22] 2000-02-25  
[43] 2001-02-05  
[30] US (09/368,830) 1999-08-05

[21] **2,299,649**  
[13] A1

[51] **Int.Cl. 7F41B 5/10 7F41B 5/00 7F41B**  
**5/14**  
[25] EN  
[54] **ARCHERY BOW HAVING**  
**INCREMENTALLY ADJUSTABLE**  
**CABLE GUARD**  
[54] **ARC COMPRENANT UN**  
**PROTEGE-CABLE REGLABLE PAR**  
**CRANS**  
[72] GALLOPS, HENRY M., JR., US  
[71] BEAR ARCHERY, LLC, US  
[22] 2000-02-25  
[43] 2001-02-05  
[30] US (09/368,823) 1999-08-05

**Canadian Laid-Open Applications  
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[21] **2,300,255**  
[13] A1

[51] **Int.Cl. 7H02J 13/00 7G06F 1/12**  
[25] EN  
[54] **POWER SYSTEM TIME SYNCHRONIZATION DEVICE AND METHOD FOR SEQUENCE OF EVENT RECORDING**  
[54] **DISPOSITIF DE SYNCHRONISATION DE SYSTEME D'ALIMENTATION ET METHODE D'ENREGISTREMENT DE LA SEQUENCE D'EVENEMENTS**  
[72] JONKER, RENE T., CA  
[72] LIGHTBODY, SIMON H., CA  
[72] VAN DOORN, PETER M., CA  
[72] OZCETIN, H. KURTULUS, CA  
[71] POWER MEASUREMENT LTD., CA  
[22] 2000-03-06  
[43] 2001-02-09  
[30] US (09/370,863) 1999-08-09

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[21] **2,300,256**  
[13] A1

[51] **Int.Cl. 7G01R 11/02**  
[25] EN  
[54] **EXTERNAL COMMUNICATIONS INTERFACE FOR REVENUE METER**  
[54] **INTERFACE DE COMMUNICATIONS EXTERNES POUR UN APPAREIL DE MESURE AUX FINS DE LA FACTURATION**  
[72] GILES, DAVID W., CA  
[72] LIGHTBODY, SIMON H., CA  
[72] COWAN, PETER C., CA  
[72] HIRSCHBOLD, MARKUS F., CA  
[72] JONKER, RENE T., CA  
[71] POWER MEASUREMENT LTD., CA  
[22] 2000-03-06  
[43] 2001-02-09  
[30] US (09/370,696) 1999-08-09

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[21] **2,300,522**  
[13] A1

[51] **Int.Cl. 7H01R 12/00 7H01R 4/02 7G01R 1/04**  
[25] EN  
[54] **REVENUE METER BAYONET ASSEMBLY AND METHOD OF ATTACHMENT**  
[54] **CONNECTEUR A BAIONNETTE POUR UN APPAREIL DE MESURE AUX FINS DE LA FACTURATION ET METHODE DE FIXATION CONNEXE**  
[72] COWAN, PETER C., CA  
[72] HIRSCHBOLD, MARKUS F., CA  
[71] POWER MEASUREMENT LTD., CA  
[22] 2000-03-13  
[43] 2001-02-09  
[30] US (09/370,686) 1999-08-09

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[21] **2,300,545**  
[13] A1

[51] **Int.Cl. 7F16H 25/18 7F15B 15/14**  
[25] EN  
[54] **RODLESS SLIDES**  
[54] **COULISSEAUX SANS TIGE**  
[72] MORR, GLEN A., US  
[72] LAMLE, MICHAEL E., US  
[71] PHD, INC., US  
[22] 2000-03-14  
[43] 2001-02-10  
[30] US (09/309,139) 1999-08-10

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[21] **2,301,433**  
[13] A1

[51] **Int.Cl. 7H04L 12/24 7H04L 29/02**  
[25] EN  
[54] **METHOD AND SYSTEM FOR FLOW CONTROL IN A TELECOMMUNICATIONS NETWORK**  
[54] **METHODE ET SYSTEME DE CONTROLE DU FLUX DANS UN RESEAU DE TELECOMMUNICATIONS**  
[72] HUANG, JUN, CA  
[72] WIBOWO, EKO ADI, CA  
[71] SPACEBRIDGE NETWORKS CORPORATION, CA  
[22] 2000-03-20  
[43] 2001-02-09  
[30] CA (2,279,803) 1999-08-09

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[21] **2,301,898**  
[13] A1

[51] **Int.Cl. 7A61F 2/04**  
[25] FR  
[54] **STRUCTURE D'UNE PROTHESE DESTINEE A ETRE IMPLANTE DANS UN CONDUIT HUMAIN OU ANIMAL ET PROTHESE POURVUE D'UNE TELLE STRUCTURE**  
[54] **STRUCTURE OF A PROSTHESIS FOR IMPLANTING IN A HUMAN OR ANIMAL DUCT AND PROSTHESIS FITTED WITH SUCH A STRUCTURE**  
[72] FEDIDA, JOSE, FR  
[71] NOVATECH SA., FR  
[22] 2000-03-23  
[43] 2001-02-09  
[30] FR (99 10318) 1999-08-09

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[21] **2,301,912**  
[13] A1

[51] **Int.Cl. 7A61F 2/04**  
[25] FR  
[54] **PROTHESE AORTIQUE BIFURQUEE**  
[54] **BIFURCATED AORTIC PROSTHESIS**  
[72] FEDIDA, JOSE, FR  
[71] NOVATECH SA., FR  
[22] 2000-03-23  
[43] 2001-02-09  
[30] FR (99 10319) 1999-08-09

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[21] **2,302,056**  
[13] A1

[51] **Int.Cl. 7A61M 16/00**  
[25] EN  
[54] **MINI PNEUMATIC MECHANICAL PULMONARY VENTILATOR**  
[54] **MINI-VENTILATEUR PULMONAIRE MECANIQUE PNEUMATIQUE**  
[72] VALADAO DE AZEREDO, WILSON, BR  
[72] RIBEIRO DO VAL, HUMBERTO, BR  
[71] VENT-LOGOS SISTEMAS LOGICOS S/A, BR  
[22] 2000-03-23  
[43] 2001-02-05  
[30] BR (PI 9903858-7) 1999-08-05

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[21] **2,302,893**  
[13] A1

[51] **Int.Cl. 7H01H 37/32 7H01H 37/46**  
[25] EN  
[54] **TEMPERATURE RESPONSIVE SWITCH WITH SHAPE MEMORY ACTUATOR**  
[54] **THERMOCONTACT A DECLENCHEUR A MEMOIRE DE FORME**  
[72] EDER, PHILIP B., US  
[72] QUINN, WILLIAM F., US  
[72] WELCH, RICHARD E., US  
[72] ROBERTS, MARK A., US  
[72] CLOW, DAVID W., US  
[71] THERM-O-DISC, INCORPORATED, US  
[22] 2000-03-29  
[43] 2001-02-06  
[30] US (09/369,729) 1999-08-06

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**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,306,696**  
[13] A1

[51] **Int.Cl. 7G02B 27/10 7G02B 7/00**  
[25] EN  
[54] **IMPROVEMENTS IN OR RELATING TO COMBINER ASSEMBLIES**  
[54] **AMELIORATIONS APORTEES AUX ELEMENTS D'UN COMBINA TEUR OPTIQUE OU S'Y RAPPORTANT**  
[72] CHEESMAN, EDWARD, GB  
[71] BAE SYSTEMS ELECTRONICS LIMITED, GB  
[22] 2000-04-26  
[43] 2001-02-07  
[30] GB (9918587.8) 1999-08-07

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[21] **2,307,071**  
[13] A1

[51] **Int.Cl. 7C25B 1/10 7C25B 9/18**  
[25] EN  
[54] **IMPROVED ELECTROLYTIC CELL SEPARATOR SYSTEM**  
[54] **SYSTEME DE SEPARATEUR AMELIORE POUR CELLULES ELECTROLYTIQUES**  
[72] LACHANCE, RAYNALD G., CA  
[72] STUART, ANDREW T. B., CA  
[71] STUART ENERGY SYSTEMS CORPORATION, CA  
[22] 2000-04-28  
[43] 2001-02-05  
[30] US (09/368,353) 1999-08-05

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[21] **2,307,932**  
[13] A1

[51] **Int.Cl. 7B25B 13/46**  
[25] EN  
[54] **HAND TOOL**  
[54] **OUTIL A MAIN**  
[72] ALBERTSON, DAVID V., US  
[71] ALBERTSON, DAVID V., US  
[22] 2000-05-08  
[43] 2001-02-04  
[30] US (09/366,750) 1999-08-04

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[21] **2,307,935**  
[13] A1

[51] **Int.Cl. 7A47G 29/02 7F21V 21/22**  
[25] EN  
[54] **CORNER MOUNTING BRACKET**  
[54] **SUPPORT D'ANGLE**  
[72] VASS, EMERY JR., CA  
[71] VASS, EMERY JR., CA  
[22] 2000-05-08  
[43] 2001-02-09  
[30] US (60/147,483) 1999-08-09

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[21] **2,308,752**  
[13] A1

[51] **Int.Cl. 7H01R 13/648 7H01R 24/02**  
[25] EN  
[54] **ELECTRICAL CONNECTOR**  
[54] **CONNECTEUR ELECTRIQUE**  
[72] BONAS, ROGER PHILIP, GB  
[71] BOWTHORPE PLC, GB  
[22] 2000-05-18  
[43] 2001-02-06  
[30] GB (9918533.2) 1999-08-06

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[21] **2,309,313**  
[13] A1

[51] **Int.Cl. 7C12N 5/08 7A61K 39/00 7A61K 38/17 7A61K 38/19 7A61K 39/395**  
[25] EN  
[54] **STIMULATION OF THE IMMUNE RESPONSE BY HUMAN DENDRITIC CELL MANIPULATION**  
[54] **STIMULATION DE LA REPOSE IMMUNITAIRE PAR MANIPULATION DES CELLULES DENDRITIQUES HUMAINES**  
[72] CANNON, MARTIN J., US  
[72] BELLONE, STEFANIA, IT  
[72] HERMONAT, PAUL L., US  
[72] RAVAGGI, ANTONELLA, IT  
[72] PARHAM, GROESBECK P., US  
[72] SANTIN, ALESSANDRO D., US  
[72] CHIRIVA-INTERNATI, MAURIZIO, US  
[71] BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, US  
[22] 2000-06-09  
[43] 2001-02-05  
[30] US (60/147,263) 1999-08-05

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[21] **2,309,465**  
[13] A1

[51] **Int.Cl. 7B42D 15/04**  
[25] EN  
[54] **SINGLE SIDE IMAGED SPECIAL SERVICES MAILER**  
[54] **ENVELOPPE IMPRIMEE SUR UN SEUL COTE POUR SERVICES POSTAUX SPECIAUX**  
[72] ALEXANDER, JOE A., US  
[72] DEANER, JOSEPH V., US  
[72] MCKEE, L. MICHAEL, US  
[71] MOORE NORTH AMERICA, INC., US  
[22] 2000-05-25  
[43] 2001-02-04  
[30] US (09/366,200) 1999-08-04

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[21] **2,309,799**  
[13] A1

[51] **Int.Cl. 7A01F 12/40 7A01F 29/01**  
[25] EN  
[54] **STRAW CHOPPER HOUSING**  
[54] **CARTER DE BRO YEUR DE PAILLE**  
[72] GRYWACHESKI, SHELDON JOSEPH, US  
[72] BENHART, MICHAEL DWAIN, US  
[71] DEERE & COMPANY, US  
[22] 2000-05-29  
[43] 2001-02-06  
[30] US (09/369,654) 1999-08-06

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[21] **2,310,292**  
[13] A1

[51] **Int.Cl. 7H03K 17/94**  
[25] EN  
[54] **ILLUMINATION SENSOR AND ELECTRONIC AUTOMATIC ON/OFF SWITCH**  
[54] **CAPTEUR D'ILLUMINATION ET INTERRUPTEUR MARCHE-ARRET ELECTRONIQUE AUTOMATIQUE**  
[72] KITAMURA, NOBUHIRO, JP  
[72] ISHIGAMI, YOSHIHISA, JP  
[72] AKINARI, YOSHINORI, JP  
[72] MURATA, YUKIHIRO, JP  
[71] MATSUSHITA ELECTRIC WORKS, LTD., JP  
[22] 2000-05-30  
[43] 2001-02-06  
[30] JP (11-224676) 1999-08-06

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February 4, 2001 - February 10, 2001

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[21] **2,310,388**  
[13] A1  
[51] **Int.Cl. 7D02G 3/38 7D04B 1/08**  
[25] EN  
[54] **COMPOSITE YARN HAVING FUSIBLE CONSTITUENT FOR MAKING RAVEL-RESISTANT KNIT ARTICLE AND KNIT ARTICLE HAVING RAVEL-RESISTANT EDGE PORTION**  
[54] **FIL DE CARET COMPOSITE A CONSTITUANT FUSIBLE PERMETTANT DE FABRIQUER UN ARTICLE DE TRICOT RESISTANT A L'EFFILOCHAGE, ET ARTICLE DE TRICOT A RANGEE DE REMMAILLAGE**  
[72] PHILLIPS, RICHIE DARNELL, US  
[72] PRITCHARD, ERIC, US  
[72] MORMAN, GEORGE MARION JR., US  
[72] MOORE, DELLA BONNELL, US  
[72] BENFIELD, DANNY RAY, US  
[72] KOLMES, NATHANIEL H., US  
[71] SUPREME ELASTIC CORPORATION, US  
[22] 2000-05-31  
[43] 2001-02-06  
[30] US (09/370,117) 1999-08-06

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[21] **2,310,789**  
[13] A1  
[51] **Int.Cl. 7F24H 3/00 7F24D 15/02**  
[25] EN  
[54] **RADIANT HEATER SYSTEM**  
[54] **SYSTEME DE CHAUFFAGE PAR RAYONNEMENT**  
[72] CARUSO, PAT, CA  
[71] CARUSO, PAT, CA  
[22] 2000-06-06  
[43] 2001-02-06  
[30] US (60/139,432) 1999-08-06

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[21] **2,310,800**  
[13] A1  
[51] **Int.Cl. 7B26B 29/02 7B26B 3/00**  
[25] EN  
[54] **SLITTER DEVICE**  
[54] **DISPOSITIF DE COUPE**  
[72] VOTOLATO, EARL, US  
[71] SPELLBOUND DEVELOPMENT GROUP INC., US  
[22] 2000-06-07  
[43] 2001-02-09  
[30] US (09/370,192) 1999-08-09

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[21] **2,310,802**  
[13] A1  
[51] **Int.Cl. 7B29C 70/68 7A63B 59/14**  
[25] EN  
[54] **DOUBLE PRESSING METHOD AND MACHINE FOR MANUFACTURING A HOCKEY STICK SHAFT, AND HOCKEY STICK SHAFT MADE THEREFROM**  
[54] **METHODE ET MACHINE DE PRESSAGE DOUBLE POUR LA FABRICATION DE MANCHES DE BATONS DE HOCKEY, ET MANCHES DE BATONS DE HOCKEY AINSI FABRIQUES**  
[72] QUDDUS, MICHAEL, CA  
[71] SPORT MASKA INC., CA  
[22] 2000-06-07  
[43] 2001-02-04  
[30] CA (2,279,628) 1999-08-04

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[21] **2,311,065**  
[13] A1  
[51] **Int.Cl. 7A01D 46/247**  
[25] EN  
[54] **FRUIT PICKING APPARATUS**  
[54] **CUEILLE-FRUITES**  
[72] BALCHEN, BRUCE, CA  
[71] BALCHEN, BRUCE, CA  
[22] 2000-06-07  
[43] 2001-02-06  
[30] US (09/369,377) 1999-08-06

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[21] **2,311,188**  
[13] A1  
[51] **Int.Cl. 7H04Q 3/66**  
[25] EN  
[54] **CALL QUEUING ALGORITHMS FOR TELEPHONE SWITCH**  
[54] **ALGORITHMES DE MISE EN FILE D'ATTENTE DES APPELS POUR COMMUTEUR TELEPHONIQUE**  
[72] DEZONNO, ANTHONY J., US  
[71] ROCKWELL ELECTRONIC COMMERCE CORPORATION, US  
[22] 2000-06-12  
[43] 2001-02-06  
[30] US (09/369,603) 1999-08-06

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[21] **2,311,191**  
[13] A1  
[51] **Int.Cl. 7H01R 4/66**  
[25] EN  
[54] **WIRING DEVICE WITH INTEGRAL AXIALLY ORIENTED GROUND PLATE**  
[54] **DISPOSITIF DE CABLAGE AVEC PRISE DE TERRE INTEGREE A ORIENTATION AXIALE**  
[72] LIVINGSTON, THOMAS, US  
[72] MYERS, JOHN F., US  
[71] PASS & SEYMOUR, INC., US  
[22] 2000-06-12  
[43] 2001-02-06  
[30] US (09/370,338) 1999-08-06

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[21] **2,311,201**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7C12N 15/10 7C07K 16/18 7C07K 14/47 7C12N 15/63 7C12Q 1/68**  
[25] EN  
[54] **ESTS AND ENCODED HUMAN PROTEINS**  
[54] **SEQUENCES MARQUEURS EXPRIMEES ET PROTEINES HUMAINES CODEES**  
[72] GIORDANO, JEAN-YVES, FR  
[72] JOBERT, SEVERIN, FR  
[72] EDWARDS, JEAN-BAPTISTE DUMAS MILNE, FR  
[71] GENSET, FR  
[22] 2000-07-19  
[43] 2001-02-05  
[30] US (60/147,499) 1999-08-05

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[21] **2,311,227**  
[13] A1  
[51] **Int.Cl. 7C09D 5/28 7D06Q 1/10**  
[25] EN  
[54] **SPARKLE LINEN SPRAY**  
[54] **COMPOSITION PULVERISABLE DONNANT AUX TISSUS UNE APPARENCE MIROITANTE**  
[72] LUTZ, ANITA, US  
[72] ZEMBRODT, ANTHONY, US  
[71] BATH & BODY WORKS, INC., US  
[22] 2000-06-13  
[43] 2001-02-06  
[30] US (09/369,514) 1999-08-06

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,311,410**  
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04L 12/24**  
[25] EN  
[54] **SOFT, PRIORITISED EARLY PACKET DISCARD SYSTEM**  
[54] **SYSTEME DE REJET DE PAQUETS INITIAUX ADAPTABLE SELON LA PRIORITE**  
[72] HUANG, JUN, CA  
[72] WIBOWO, EKO ADI, CA  
[71] SPACEBRIDGE NETWORKS CORPORATION, CA  
[22] 2000-06-13  
[43] 2001-02-06  
[30] CA (2,279,728) 1999-08-06

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[21] **2,311,432**  
[13] A1

[51] **Int.Cl. 7G09G 5/08 7G06F 3/033**  
[25] EN  
[54] **COMPUTER CONTROLLED INTERACTIVE DISPLAY WITH DUAL CURSOR IMAGE STORAGE FOR A SMOOTH TRANSITION DURING CURSOR IMAGE CHANGE**  
[54] **AFFICHAGE INTERACTIF COMMANDE PAR ORDINATEUR AVEC MISE EN MEMOIRE DE DEUX IMAGES DE CURSEURS POUR ASSURER UNE TRANSITION EN DOUCEUR PENDANT UN CHANGEMENT D'IMAGE CURSEUR**  
[72] MARION, NEAL R., US  
[72] DESAI, NARENDRA M., US  
[72] MISRA, ASHUTOSH, IN  
[72] PUDOTA, RAJU B.S., IN  
[72] RAO, SEETHARAM G., IN  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2000-06-13  
[43] 2001-02-05  
[30] US (09/368,682) 1999-08-05

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[21] **2,311,439**  
[13] A1

[51] **Int.Cl. 7G10L 15/02**  
[25] EN  
[54] **CONVERSATIONAL DATA MINING**  
[54] **EXPLORATION DE DONNEES DE CONVERSATION**  
[72] SORENSEN, JEFFREY S., US  
[72] MAES, STEPHAN H., US  
[72] KANEVSKY, DIMITRI, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2000-06-13  
[43] 2001-02-10  
[30] US (09/371,400) 1999-08-10

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[21] **2,311,609**  
[13] A1

[51] **Int.Cl. 7A63F 9/24 7G07F 17/34**  
[25] EN  
[54] **GAMING DEVICE WITH SERIAL CONNECTIONS**  
[54] **DISPOSITIF DE JEUX AVEC CONNEXIONS SERIES**  
[72] LOOSE, TIMOTHY C., US  
[72] CANTERBURY, STEPHEN A., US  
[71] WMS GAMING INC., US  
[22] 2000-06-14  
[43] 2001-02-05  
[30] US (09/368,739) 1999-08-05

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[21] **2,311,626**  
[13] A1

[51] **Int.Cl. 7C08L 45/02 7C08L 45/00 7C08L 57/00 7C08L 25/02**  
[25] EN  
[54] **TIRE WITH TREAD WHICH CONTAINS SPATIALLY-DEFINED RESINS**  
[54] **PNEU A BANDE DE ROULEMENT QUI CONTIENT DES RESINES A LOCALISATION PRECISE**  
[72] SEGATTA, THOMAS JOSEPH, US  
[72] MASSIE, JOHNNY DALE, II, US  
[72] SANDSTROM, PAUL HARRY, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-06-14  
[43] 2001-02-10  
[30] US (09/371,911) 1999-08-10

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[21] **2,311,634**  
[13] A1

[51] **Int.Cl. 7C08L 21/00 7C08L 7/00 7C08L 9/00 7C08L 3/02 7C08L 3/04**  
[25] EN  
[54] **RUBBER CONTAINING STARCH REINFORCEMENT AND TIRE HAVING COMPONENT THEREOF**  
[54] **CAOUTCHOUC RENFORCE D'AMIDON, ET PNEU AYANT UN TEL COMPOSANT**  
[72] SANDSTROM, PAUL HARRY, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-06-14  
[43] 2001-02-06  
[30] US (09/370,662) 1999-08-06

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[21] **2,311,693**  
[13] A1

[51] **Int.Cl. 7C07F 7/18 7C08K 5/5425**  
[25] EN  
[54] **UNSATURATED SILOXY COMPOUNDS**  
[54] **COMPOSES SILOXYLES INSATURES**  
[72] MATERNE, THIERRY FLORENT, BE  
[72] KAYSER, FRANCOIS, LU  
[72] LAUER, WOLFGANG, LU  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-06-13  
[43] 2001-02-10  
[30] US (60/148,195) 1999-08-10

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[21] **2,311,706**  
[13] A1

[51] **Int.Cl. 7C07F 7/18 7C08K 5/5419 7C08K 5/5425**  
[25] EN  
[54] **ETHER CONTAINING SILOXY COMPOUNDS**  
[54] **ETHER RENFERMANT DES COMPOSES SILOXYLES**  
[72] MATERNE, THIERRY FLORENT, BE  
[72] KAYSER, FRANCOIS, LU  
[72] LAUER, WOLFGANG, LU  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 2000-06-13  
[43] 2001-02-10  
[30] US (60/148,174) 1999-08-10



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[21] **2,312,076**  
[13] A1  
[51] **Int.Cl. 7A23G 9/02**  
[25] EN  
[54] **A METHOD FOR PREPARATION OF MULBERRY LEAF POWDER AND ICE CREAM CONTAINING THEREOF**  
[54] **METHODE DE PREPARATION DE POUDRE DE FEUILLES DE MURIER ET DE CREME GLACEE EN CONTENANT**  
[72] RYU, KANG-SUN, KR  
[72] LIM, SOO-HO, KR  
[72] KIM, HYUN BOK, KR  
[72] LEE, YONG WOO, KR  
[72] LEE, HEUI SAM, KR  
[72] LEE, YONG KI, KR  
[72] CHOUNG, WOON-YOUNG, KR  
[72] KIM, SUN YEOU, KR  
[71] HONG, YOUNG INDUSTRIES CO., LTD., KR  
[71] REPUBLIC OF KOREA REPRESENTED BY RURAL DEVELOPMENT ADMINISTRATION, KR  
[22] 2000-06-20  
[43] 2001-02-05  
[30] KR (1999-32108) 1999-08-05

[21] **2,312,440**  
[13] A1  
[51] **Int.Cl. 7H05K 7/02 7H01R 24/00**  
[25] EN  
[54] **UNIVERSAL POWER CORD CONNECTION ASSEMBLY FOR AN APPLIANCE**  
[54] **ENSEMBLE DE CONNEXION DE CORDON D'ALIMENTATION UNIVERSEL POUR UN APPAREIL ELECTROMENAGER**  
[72] ELLINGWOOD, JOHN C., US  
[72] CHUDKOSKY, FRANK N., US  
[71] MAYTAG CORPORATION, US  
[22] 2000-06-21  
[43] 2001-02-09  
[30] US (09/370,153) 1999-08-09

[21] **2,312,519**  
[13] A1  
[51] **Int.Cl. 7F25D 11/00 7B60P 3/20**  
[25] EN  
[54] **TRANSPORTABLE TELESCOPING COOLER**  
[54] **GLACIERE REPLIABLE TRANSPORTABLE**  
[72] O'MALLEY, CHARLES M., US  
[72] BIANCO, MICHAEL, US  
[71] COOL CARE, LTD., US  
[22] 2000-06-27  
[43] 2001-02-06  
[30] US (09/369,332) 1999-08-06

[21] **2,312,521**  
[13] A1  
[51] **Int.Cl. 7B05D 7/22 7F16L 47/16**  
[25] EN  
[54] **"J" SECTIONS HAVING MOLDED-IN RINGS AND METHOD OF MANUFACTURING**  
[54] **SECTIONS EN « J » A BAGUES COULEES SUR PLACE, ET METHODE DE FABRICATION**  
[72] LAUZON, PETER, US  
[71] ICO P&O, INC., US  
[22] 2000-06-27  
[43] 2001-02-06  
[30] US (09/369,578) 1999-08-06

[21] **2,313,021**  
[13] A1  
[51] **Int.Cl. 7G01T 7/00 7G01T 1/00 7G01T 1/20**  
[25] EN  
[54] **IMPROVED LOW ENERGY RADIATION DETECTOR**  
[54] **DETECTEUR AMELIORE DE RAYONNEMENT A FAIBLE ENERGIE**  
[72] PENN, DAVID G., US  
[71] SAINT-GOBAIN INDUSTRIAL CERAMICS, INC., US  
[22] 2000-06-29  
[43] 2001-02-06  
[30] US (60/147,632) 1999-08-06

[21] **2,313,032**  
[13] A1  
[51] **Int.Cl. 7G01F 1/684**  
[25] EN  
[54] **TEMPERATURE SENSING DEVICE FOR METERING FLUIDS**  
[54] **DETECTEUR POUR MESURER LA TEMPERATURE DE FLUIDES**  
[72] CESSAC, KEVIN J., US  
[72] NIMBERGER, SPENCER M., US  
[71] PGI INTERNATIONAL, LTD., US  
[22] 2000-06-29  
[43] 2001-02-06  
[30] US (09/374,126) 1999-08-06  
[30] US (09/546,498) 2000-04-11

[21] **2,313,070**  
[13] A1  
[51] **Int.Cl. 7A47G 25/28**  
[25] EN  
[54] **CLOTHES HANGER FOR GARMENTS HAVING A SHAPED SHOULDER**  
[54] **CINTRE POUR VETEMENTS A EPAULES FACONNEES**  
[72] MAINETTI, MARIO, IT  
[72] ACQUAVIVA, FRANCESCO, IT  
[71] MAINETTI TECNOLOGIE S.P.A., IT  
[22] 2000-06-29  
[43] 2001-02-04  
[30] IT (VI99A000172) 1999-08-04

[21] **2,313,285**  
[13] A1  
[51] **Int.Cl. 7B05C 17/01 7B05B 11/00 7B67D 5/00 7B05B 7/24**  
[25] EN  
[54] **A RESERVOIR TO BE USED AS A KEY**  
[54] **RESERVOIR COMPRENANT UN DISPOSITIF DE PROTECTION**  
[72] RICCI, PATRIZIO, BE  
[72] VUIJK, JELLE DANKERT, IT  
[72] LAWSON, JOHN RUSSELL, IT  
[72] CROZET, YVON, IT  
[72] ARGENTIERI, ANDREA, BE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[22] 2000-06-30  
[43] 2001-02-05  
[30] EP (99870169.2) 1999-08-05  
[30] EP (99870246.8) 1999-12-01  
[30] EP (00870116.1) 2000-05-31  
[30] US (09/577,416) 2000-05-22

[21] **2,313,367**  
[13] A1  
[51] **Int.Cl. 7H04N 5/765 7H04N 7/18**  
[25] EN  
[54] **SYSTEM FOR PROTECTING INDIVIDUALS WHILE SAFEGUARDING PRIVACY**  
[54] **SYSTEME DE PROTECTION DE PERSONNE AVEC PROTECTION DE LA VIE PRIVEE**  
[72] EINBINDER, ELI, US  
[71] EINBINDER, ELI, US  
[22] 2000-07-04  
[43] 2001-02-05  
[30] US (09/368,498) 1999-08-05

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**4 février 2001 - 10 février 2001**

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[21] **2,313,378**  
[13] A1

[51] **Int.Cl. 7B31F 1/12 7D21F 11/00**  
[25] EN  
[54] **METHOD FOR MAKING A THROUGH DRIED TISSUE SHEET**  
[54] **METHODE DE FABRICATION DE PAPIER DE SOIE PAR SECHAGE TRAVERSANT**  
[72] JENNINGS, RICHARD DOUGLAS, US  
[72] SALMAN, ZEINAB, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 2000-07-04  
[43] 2001-02-09  
[30] US (09/370,446) 1999-08-09

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[21] **2,313,511**  
[13] A1

[51] **Int.Cl. 7B60T 15/02 7B60T 13/68**  
[25] EN  
[54] **ELECTRONIC VENT VALVE**  
[54] **VALVE ELECTRONIQUE DE MISE A L'AIR LIBRE**  
[72] CUNKELMAN, BRIAN L., US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 2000-07-07  
[43] 2001-02-06  
[30] US (369,986) 1999-08-06

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[21] **2,313,569**  
[13] A1

[51] **Int.Cl. 7F16L 5/00 7A62C 2/06 7E04B 5/48**  
[25] EN  
[54] **SELF SEALING FIRESTOP COUPLING ASSEMBLY**  
[54] **RACCORD COUPE-FEU AUTO-OBTURANT**  
[72] CORNWALL, KENNETH R., US  
[71] CORNWALL, KENNETH R., US  
[22] 2000-07-07  
[43] 2001-02-05  
[30] US (09/369,106) 1999-08-05

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[21] **2,313,583**  
[13] A1

[51] **Int.Cl. 7G06F 13/12**  
[25] EN  
[54] **INTEGRATED PC CARD HOST CONTROLLER FOR THE DETECTION AND OPERATION OF A PLURALITY OF EXPANSION CARDS**  
[54] **CONTROLEUR DE LOGEMENT DE CARTES DE MICRO-ORDINATEUR INTEGRE POUR LA DETECTION ET L'EXPLOITATION D'UNE PLURALITE DE CARTES D'EXTENSION**  
[72] HUANG, YISHAO MAX, US  
[72] BRAYDEN, RICHARD, US  
[72] OH, HYANG-KYUN, US  
[71] 02 MICRO INTERNATIONAL LIMITED, US  
[22] 2000-07-05  
[43] 2001-02-05  
[30] US (60/147,544) 1999-08-05  
[30] US (60/161,249) 1999-10-25  
[30] US (60/174,948) 2000-01-07  
[30] US (09/536,578) 2000-03-28

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[21] **2,313,590**  
[13] A1

[51] **Int.Cl. 7F16N 7/38**  
[25] EN  
[54] **AUTOMATIC LUBRICATION SYSTEM**  
[54] **SYSTEME DE LUBRIFICATION AUTOMATIQUE**  
[72] KRBEC, MARIANNE L., US  
[72] OAKLEY, ROBERT L., US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 2000-07-07  
[43] 2001-02-06  
[30] US (370,633) 1999-08-06

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[21] **2,313,596**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7G01S 5/14 7H04Q 7/24**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING ENHANCED COMMUNICATION CAPABILITY FOR MOBILE DEVICES ON A VIRTUAL PRIVATE NETWORK (VPN)**  
[54] **METHODE ET APPAREIL POUR AMELIORER LES CAPACITES DE COMMUNICATIONS DE DISPOSITIFS MOBILES SUR UN RESEAU PRIVE VIRTUEL (VPN)**  
[72] LOCKHART, STANFORD WAYNE, CA  
[71] GENESYS TELECOMMUNICATIONS LABORATORIES, INCORPORATED, US  
[22] 2000-07-07  
[43] 2001-02-06  
[30] US (60/147,685) 1999-08-06  
[30] US (09/452,768) 1999-12-01

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[21] **2,313,668**  
[13] A1

[51] **Int.Cl. 7C07C 2/80**  
[25] EN  
[54] **HYDROCARBON SYNTHESIS**  
[54] **SYNTHESE D'HYDROCARBURES**  
[72] ELIASSON, BALDUR, CH  
[72] KILLER, ERIC, CH  
[72] LIU, CHANG-JUN, CN  
[71] ABB RESEARCH LTD, CH  
[22] 2000-07-06  
[43] 2001-02-05  
[30] EP (99810699.1) 1999-08-05

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[21] **2,313,727**  
[13] A1

[51] **Int.Cl. 7B61H 9/00 7F16D 69/00 7B61H 1/00 7F16D 65/04**  
[25] EN  
[54] **BRAKE SHOE WITH INSERT BONDED TO BACKING PLATE**  
[54] **SABOT DE FREIN AVEC PLAQUETTE AMOVIBLE COLLEE AU PLATEAU DE FREIN**  
[72] SHUTE, BRUCE W., US  
[72] KAHR, JOSEPH C., US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 2000-07-07  
[43] 2001-02-06  
[30] US (369,983) 1999-08-06

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Canadian Laid-Open Applications  
February 4, 2001 - February 10, 2001

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[21] **2,313,877**  
[13] A1  
[51] **Int.Cl. 7C23F 11/167 7C09K 7/02**  
[25] EN  
[54] **IMPROVED HIGH PERFORMANCE PHOSPHORUS-CONTAINING CORROSION INHIBITORS FOR INHIBITING CORROSION BY DRILLING SYSTEM FLUIDS**  
[54] **MEILLEURS INHIBITEURS DE CORROSION HAUTE PERFORMANCE, PHOSPHORES, POUR INHIBER LA CORROSION PAR DES FLUIDES POUR SYSTEMES DE FORAGE**  
[72] WALKER, MICHAEL L., US  
[72] MARTIN, RICH LLOYD, US  
[72] POELKER, DAVID J., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2000-07-12  
[43] 2001-02-09  
[30] US (09/370,414) 1999-08-09

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[21] **2,313,938**  
[13] A1  
[51] **Int.Cl. 7A24F 13/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CUTTING A CIGARETTE**  
[54] **COUPE-CIGARETTE ET METHODE**  
[72] DEHLER, BLAKE A., US  
[71] DEHLER, BLAKE A., US  
[22] 2000-07-17  
[43] 2001-02-05  
[30] US (09/368,995) 1999-08-05

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[21] **2,313,961**  
[13] A1  
[51] **Int.Cl. 7H01S 3/098**  
[25] EN  
[54] **METHOD AND DEVICE FOR STABILIZING THE EMISSION WAVELENGTH OF A LASER SOURCE**  
[54] **METHODE ET DISPOSITIF DE STABILISATION DE LA LONGUEUR D'ONDE EMISE PAR UNE SOURCE LASER**  
[72] GAMBINI, PIERO, IT  
[71] AGILENT TECHNOLOGIES, INC., US  
[22] 2000-07-17  
[43] 2001-02-05  
[30] IT (T099A000692) 1999-08-05

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[21] **2,314,052**  
[13] A1  
[51] **Int.Cl. 7H04M 1/76 7H04M 11/06**  
[25] EN  
[54] **IMPEDANCE BLOCKING FILTER CIRCUIT**  
[54] **CIRCUIT DE FILTRAGE A BLOCAGE D'IMPEDANCE**  
[72] KIKO, FREDERICK J., US  
[71] EXCELSUS TECHNOLOGIES, INC., US  
[22] 2000-07-19  
[43] 2001-02-09  
[30] US (09/370,137) 1999-08-09

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[21] **2,314,178**  
[13] A1  
[51] **Int.Cl. 7H04Q 3/52 7H04J 14/00 7H04Q 11/00 7H04B 10/17**  
[25] FR  
[54] **SELECTEUR HYBRIDE SPATIAL ET SPECTRAL ET MATRICE DE COMMUTATION OPTIQUE INCLUANT DE TELS SELECTEURS**  
[54] **SPATIAL AND SPECTRAL HYBRID SELECTOR AND OPTICAL SWITCHING MATRIX INCLUDING SUCH SELECTORS**  
[72] JOURDAN, AMAURY, FR  
[72] BRUYERE, FRANCK, FR  
[72] CHIARONI, DOMINIQUE, FR  
[72] NOIRIE, LUDOVIC, FR  
[71] ALCATEL, FR  
[22] 2000-07-13  
[43] 2001-02-09  
[30] FR (99 10 312) 1999-08-09

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[21] **2,314,210**  
[13] A1  
[51] **Int.Cl. 7B65D 83/68 7A61L 9/12**  
[25] EN  
[54] **DUAL FUNCTION DISPENSER**  
[54] **DISTRIBUTEUR DOUBLE FONCTION**  
[72] UICK, HEIDI J., US  
[72] CONNELLY, JOHN P., US  
[72] FURNER, PAUL E., US  
[71] S.C. JOHNSON & SON, INC., US  
[22] 2000-07-19  
[43] 2001-02-10  
[30] US (09/371,209) 1999-08-10  
[30] US (UNKNOWN) 2000-07-05

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[21] **2,314,308**  
[13] A1  
[51] **Int.Cl. 7A01K 27/00**  
[25] EN  
[54] **ADJUSTABLE LENGTH LEASH**  
[54] **LAISSE A LONGUEUR REGLABLE**  
[72] EATON, EDWARD T., US  
[72] HOLT, ROBERT C., JR., US  
[72] TRACY, RICHARD J., US  
[71] COASTAL PET PRODUCTS, INC., US  
[22] 2000-07-19  
[43] 2001-02-05  
[30] US (09/369,140) 1999-08-05

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[21] **2,314,381**  
[13] A1  
[51] **Int.Cl. 7B01J 21/06 7C03C 17/245**  
[25] EN  
[54] **ARTICLE HAVING PHOTOCATALYTIC ACTIVITY**  
[54] **ARTICLE AYANT UNE ACTIVITE PHOTOCATALYTIQUE**  
[72] DOUSHITA, KAZUHIRO, JP  
[72] KAWAHARA, TETSURO, JP  
[72] MORI, KENJI, JP  
[72] OGINO, ETSUO, JP  
[72] KIJIMA, YOSHIFUMI, JP  
[72] TADA, HIROAKI, JP  
[72] INOMATA, HIROYUKI, JP  
[71] NIPPON SHEET GLASS CO., LTD., JP  
[22] 2000-07-20  
[43] 2001-02-05  
[30] JP (HEI. 11-222548) 1999-08-05

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[21] **2,314,382**  
[13] A1  
[51] **Int.Cl. 7C04B 7/04 7C04B 7/13**  
[25] EN  
[54] **GYPNUM-CEMENT SYSTEM FOR CONSTRUCTION MATERIALS**  
[54] **SYSTEME GYPSE-CEMENT POUR DES MATERIAUX DE CONSTRUCTION**  
[72] BONEN, DAVID, US  
[71] UNITED STATES GYPNUM COMPANY, US  
[22] 2000-07-24  
[43] 2001-02-10  
[30] US (09/371351) 1999-08-10

**Demandes canadiennes mises à la disponibilité du public**  
**4 février 2001 - 10 février 2001**

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[21] **2,314,471**  
[13] A1

[51] **Int.Cl. 7F17D 1/00 7F16L 41/08 7F17D 1/20**  
[25] FR  
[54] **MODELE FLUIDIQUE**  
[54] **FLUIDIC MODULE**  
[72] LEGEAI, PATRICK, FR  
[71] LEGRIS SA, FR  
[22] 2000-07-20  
[43] 2001-02-05  
[30] FR (99 10193) 1999-08-05

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[21] **2,314,512**  
[13] A1

[51] **Int.Cl. 7G01M 11/02 7G02B 27/00**  
[25] EN  
[54] **MULTI-CHANNEL GRATING INTERFERENCE ALIGNMENT SENSOR**  
[54] **CAPTEUR MULTICANAL D'ALIGNEMENT A INTERFERENCE DES FAISCEAUX DIFFRACTES PAR DES RESEAUX**  
[72] STANTON, STUART T., US  
[71] SVG LITHOGRAPHY SYSTEMS, INC., US  
[22] 2000-07-24  
[43] 2001-02-10  
[30] US (09/371,337) 1999-08-10

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[21] **2,314,532**  
[13] A1

[51] **Int.Cl. 7F04D 17/10 7F04D 29/42**  
[25] EN  
[54] **BLOWER**  
[54] **VENTILATEUR**  
[72] PARK, SUNG II, KR  
[72] SONG, SUNG BAE, KR  
[72] LEE, JOON SEI, KR  
[71] LG ELECTRONICS INC., KR  
[22] 2000-07-25  
[43] 2001-02-10  
[30] KR (1999-32817) 1999-08-10  
[30] KR (1999-53256) 1999-11-27

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[21] **2,314,540**  
[13] A1

[51] **Int.Cl. 7B62B 3/02 7B62B 5/04**  
[25] EN  
[54] **UTILITY CART**  
[54] **CHARIOT TOUT USAGE**  
[72] SMITH, DAVE W., CA  
[71] SMITH, DAVE W., CA  
[22] 2000-07-25  
[43] 2001-02-06  
[30] US (09/370,109) 1999-08-06

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[21] **2,314,558**  
[13] A1

[51] **Int.Cl. 7F24J 3/00**  
[25] EN  
[54] **HEAT GENERATOR**  
[54] **DISPOSITIF DE CHAUFFAGE**  
[72] SUZUKI, SHIGERU, JP  
[72] HOSHINO, TATSUYUKI, JP  
[72] NIWA, MASAMI, JP  
[71] KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, JP  
[22] 2000-07-20  
[43] 2001-02-06  
[30] JP (11-223968) 1999-08-06

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[21] **2,314,585**  
[13] A1

[51] **Int.Cl. 7F16F 5/00**  
[25] EN  
[54] **DELAY RETURN GAS SPRING**  
[54] **RESSORT DE RAPPEL TEMPORISE POUR CYLINDRE A GAZ**  
[72] COTTER, JONATHAN P., US  
[71] DIEBOLT INTERNATIONAL, INC., US  
[22] 2000-07-27  
[43] 2001-02-05  
[30] US (09/368,957) 1999-08-05

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[21] **2,314,600**  
[13] A1

[51] **Int.Cl. 7B05C 17/01 7B65D 47/34**  
[25] EN  
[54] **PUMP DISPENSER HAVING VERTICAL PLUNGER WITH MOLDED OUTLET CHECK SEAT**  
[54] **DISTRIBUTEUR A POMPE AVEC PISTON A SIEGE DE REFOULEMENT MOULE**  
[72] SAYERS, RICHARD C., US  
[72] GRAHAM, PAUL R., US  
[72] BROZELL, LEONORA M., US  
[72] DIVITTO, ANTHONY M., US  
[71] OWENS-ILLINOIS CLOSURE INC., US  
[22] 2000-07-27  
[43] 2001-02-09  
[30] US (09/369,872) 1999-08-09

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[21] **2,314,602**  
[13] A1

[51] **Int.Cl. 7B05C 17/01 7B65D 47/34**  
[25] EN  
[54] **PUMP DISPENSER HAVING A PLUNGER SEAL**  
[54] **DISTRIBUTEUR A POMPE AVEC JOINT DE PISTON**  
[72] DiVITTO, ANTHONY M., US  
[72] SAYERS, RICHARD C., US  
[72] BROZELL, LEONORA M., US  
[71] OWENS-ILLINOIS CLOSURE INC., US  
[22] 2000-07-27  
[43] 2001-02-09  
[30] US (09/369,873) 1999-08-09

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[21] **2,314,638**  
[13] A1

[51] **Int.Cl. 7H01R 4/66**  
[25] EN  
[54] **U-CRIMP, NAMELY, GROUNDING CLIP AND SYSTEM**  
[54] **ETRIER EN U, NOMMEMENT AGRAFE ET SYSTEME DE MISE A LA TERRE**  
[72] CLARK, JOSEPH, US  
[72] ANDERSON, JEFF, US  
[72] HOMFELDT, KENT D., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-07-27  
[43] 2001-02-04  
[30] US (09/368,239) 1999-08-04

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[21] **2,314,642**  
[13] A1

[51] **Int.Cl. 7H04L 12/18**  
[25] EN  
[54] **ROUTE INJECTION INTO A MULTICAST ROUTING TABLE**  
[54] **INJECTION DE ROUTE DANS UNE TABLE D'ACHEMINEMENT MULTIDIFFUSION**  
[72] BODDU, VENKATESWARA R., US  
[72] DOONG, JANET, US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-07-28  
[43] 2001-02-10  
[30] US (09/371,694) 1999-08-10

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February 4, 2001 - February 10, 2001

[21] **2,314,649**  
[13] A1  
[51] **Int.Cl. 7C09K 11/78 7B01J 12/00 7C30B 28/14 7C09K 11/84**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR PRODUCING OXIDIC NANOCRYSTALS**  
[54] **PROCEDE ET APPAREIL POUR PRODUIRE DES NANOCRISTAUX OXYDES**  
[72] KUMMER, FRANZ, DE  
[72] GAHN, ALFRED, DE  
[72] KONRAD, ARMIN, DE  
[72] FRIES, TORSTEN, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN m.b.H., DE  
[22] 2000-07-25  
[43] 2001-02-05  
[30] DE (19936868.6) 1999-08-05

[21] **2,314,661**  
[13] A1  
[51] **Int.Cl. 7A47L 7/00 7A47L 9/00**  
[25] EN  
[54] **WET/DRY VACUUM DRAIN SYSTEM**  
[54] **SYSTEME DE VIDANGE POUR ASPIRATEUR DE MATIERES SECHES OU LIQUIDES**  
[72] HULT, DAVID R., US  
[72] YOUNG, JEFFREY L., US  
[71] EMERSON ELECTRIC CO., US  
[22] 2000-07-26  
[43] 2001-02-06  
[30] US (09/369,950) 1999-08-06

[21] **2,314,662**  
[13] A1  
[51] **Int.Cl. 7A47L 7/00 7A47L 9/00 7B62B 3/10**  
[25] EN  
[54] **WET/DRY VACUUM DOLLY**  
[54] **CHARIOT ASPIRATEUR DE LIQUIDES/SOLIDES**  
[72] YOUNG, JEFFREY L., US  
[72] HULT, DAVID R., US  
[71] EMERSON ELECTRIC CO., US  
[22] 2000-07-26  
[43] 2001-02-05  
[30] US (09/369,111) 1999-08-05

[21] **2,314,664**  
[13] A1  
[51] **Int.Cl. 7E04B 9/02 7H04B 1/38**  
[25] EN  
[54] **CEILING TILE TRANSMITTER AND RECEIVER SYSTEM**  
[54] **SYSTEME D'EMISSION ET DE RECEPTION INTEGRE A UN CARREAU DE PLAFOND**  
[72] CRONIN, JOHN E., US  
[72] FRECSKA, SANDOR A., US  
[71] ARMSTRONG WORLD INDUSTRIES, INC., US  
[22] 2000-07-26  
[43] 2001-02-10  
[30] US (60/148,060) 1999-08-10

[21] **2,314,684**  
[13] A1  
[51] **Int.Cl. 7C09D 175/04 7C09D 101/14 7C09D 101/18**  
[25] EN  
[54] **AN AQUEOUS COATING AGENT AND ITS USE IN LACQUERS**  
[54] **AGENT D'ENDUCTION AQUEUX ET UTILISATION DE CE PRODUIT DANS LES VERNIS-LAQUES**  
[72] POERSCH-PANKE, HANS-GUNTER, DE  
[72] HOPPE, LUTZ, DE  
[71] WOLFF WALSRODE AG, DE  
[22] 2000-07-28  
[43] 2001-02-04  
[30] DE (19936635.7) 1999-08-04

[21] **2,314,687**  
[13] A1  
[51] **Int.Cl. 7C09D 175/04 7C09D 101/14 7C09D 101/18**  
[25] EN  
[54] **A CELLULOSE SUBSTANCE-CONTAINING COATING AGENT AND ITS USE IN LACQUERS**  
[54] **AGENT D'ENDUCTION CONTENANT UNE SUBSTANCE CELLULOSIQUE ET UTILISATION DE CE PRODUIT DANS LES VERNIS-LAQUES**  
[72] HOPPE, LUTZ, DE  
[72] POERSCH-PANKE, HANS-GUNTER, DE  
[72] NACHTKAMP, KLAUS, DE  
[71] WOLFF WALSRODE AG, DE  
[22] 2000-07-28  
[43] 2001-02-04  
[30] DE (19936634.9) 1999-08-04

[21] **2,314,697**  
[13] A1  
[51] **Int.Cl. 7C22B 3/24**  
[25] EN  
[54] **SEPARATION OF PLATINUM GROUP METALS**  
[54] **SEPARATION DE METAUX DU GROUPE DU PLATINE**  
[72] SMITH, CHRISTOPHER STANLEY, GB  
[71] ANGLO AMERICAN PLATINUM CORPORATION LIMITED, ZA  
[22] 2000-07-28  
[43] 2001-02-05  
[30] GB (9918437.6) 1999-08-05

[21] **2,314,730**  
[13] A1  
[51] **Int.Cl. 7A61F 13/539**  
[25] EN  
[54] **DISPOSABLE WATER-ABSORBENT STRUCTURE**  
[54] **STRUCTURE JETABLE ABSORBANT L'EAU**  
[72] UEYAMA, HIROYUKI, JP  
[72] TAKEMORI, SHINISHI, JP  
[72] NAGATA, MANABU, JP  
[72] TATECHO, TERUMI, JP  
[72] YABE, YOKO, JP  
[72] ISHIKAWA, NORIHIKO, JP  
[72] ONISHI, KAZUAKI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 2000-07-31  
[43] 2001-02-06  
[30] JP (11-223312) 1999-08-06

[21] **2,314,738**  
[13] A1  
[51] **Int.Cl. 7B65H 75/00**  
[25] EN  
[54] **MULTI-ROLL SEGMENT PACKAGE FOR PLASTIC TAPE**  
[54] **BOITIER AVEC ROULEAU A SEGMENTS MULTIPLES POUR RUBAN DE PLASTIQUE**  
[72] HELTON, KENNITH H., US  
[71] TRICON CONVERSION, LLC, US  
[22] 2000-07-31  
[43] 2001-02-09  
[30] US (09/370,677) 1999-08-09

**Demandes canadiennes mises à la disponibilité du public**  
**4 février 2001 - 10 février 2001**

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[21] **2,314,764**  
[13] A1

[51] **Int.Cl. 7B60R 17/02 7F16N 39/00 7F16H 57/04**  
[25] EN  
[54] **OIL SUMP ARRANGEMENT WITH INTEGRAL FILTER AND HEAT EXCHANGER**  
[54] **CARTER D'HUILE AVEC FILTRE INTEGRE ET ECHANGEUR DE CHALEUR**  
[72] LEE, BRIAN THOMAS, US  
[71] DANA CORPORATION, US  
[22] 2000-07-28  
[43] 2001-02-06  
[30] US (09/369,276) 1999-08-06

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[21] **2,314,777**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **SMART MOBILE ASSISTED HANDOFF METHOD**  
[54] **METHODE DE TRANSFERT ASSISTE PAR STATION MOBILE INTELLIGENTE**  
[72] RAUSCHER, MARY ELLEN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-07-31  
[43] 2001-02-06  
[30] US (09/369,337) 1999-08-06

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[21] **2,314,798**  
[13] A1

[51] **Int.Cl. 7C07D 403/04 7A61K 51/00 7A61P 25/00 7C07D 401/04 7C07D 471/04 7C07D 487/04 7C07D 491/056 7C07F 7/10 7C07D 401/14 7C07D 403/14 7C07D 405/14 7C07D 223/16 7A61K 31/55 7A61K 31/695**  
[25] EN  
[54] **1,2,4,5-TETRAHYDRO-BENZO(D)AZEPIN DERIVATIVES**  
[54] **DERIVES DE 1,2,4,5-TETRAHYDRO-BENZO(D)AZEPINE**  
[72] MUTEL, VINCENT, FR  
[72] WILHELM, MAURICE, FR  
[72] BINGGELI, ALFRED, CH  
[72] MARKI, HANS-PETER, CH  
[72] ADAM, GEO, DE  
[72] WOSTL, WOLFGANG, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 2000-08-01  
[43] 2001-02-06  
[30] CH (99115557.3) 1999-08-06

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[21] **2,314,799**  
[13] A1

[51] **Int.Cl. 7C07C 9/16 7C07C 2/14**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF HYDROCARBONS WITH A HIGH OCTANE NUMBER BY THE SELECTIVE DIMERIZATION OF ISOBUTENE**  
[54] **PROCEDE POUR LA PRODUCTION D'HYDROCARBURES AYANT UN INDICE D'OCTANE ELEVE PAR DIMERISATION SELECTIVE DE L'ISOBUTENE**  
[72] TAGLIABUE, LORENZO, IT  
[72] MARCHIONNA, MARIO, IT  
[72] DI GIROLAMO, MARCO, IT  
[71] SNAMPROGETTI S.P.A., IT  
[71] ECOFUEL S.P.A., IT  
[22] 2000-08-02  
[43] 2001-02-05  
[30] IT (MI99A 001765) 1999-08-05

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[21] **2,314,803**  
[13] A1

[51] **Int.Cl. 7C22B 3/18 7C12M 1/00**  
[25] EN  
[54] **IMMOBILIZED BIOREACTOR SYSTEM FOR SULPHIDIC MINERALS AND OTHER PARTICULATE SOLIDS**  
[54] **SYSTEME DE BIOREACTEUR IMMOBILISE POUR DES MINERAUX SULFURES ET D'AUTRES PARTICULES SOLIDES**  
[72] KARAMANEV, DIMITRE GUEORGUIEV, CA  
[72] MARGARITIS, ARGYRIOS, CA  
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA  
[22] 2000-08-01  
[43] 2001-02-10  
[30] US (09/371,118) 1999-08-10

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[21] **2,314,805**  
[13] A1

[51] **Int.Cl. 7E21B 21/00 7F16H 1/10**  
[25] EN  
[54] **SLOW ROTATING TOOL WITH GEAR REDUCER**  
[54] **OUTIL A ROTATION LENTE AVEC TRAIN REDUCTEUR**  
[72] SURJAATMADJA, JIM B., US  
[72] TUCKER, JAMES C., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[22] 2000-08-02  
[43] 2001-02-09  
[30] US (09/370,692) 1999-08-09

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[21] **2,314,806**  
[13] A1

[51] **Int.Cl. 7C09K 7/02**  
[25] EN  
[54] **DIVALENT CATION-CONTAINING WELL DRILLING AND SERVICING FLUID**  
[54] **FLUIDE DE FORAGE ET D'ENTRETIEN DE Puits RENFERMANT UN CATION DIVALENT**  
[72] LAY, JEFFREY S., US  
[72] DOBSON, JAMES W., JR., US  
[72] TRESKO, KIM O., US  
[71] TEXAS UNITED CHEMICAL COMPANY, LLC., US  
[22] 2000-08-01  
[43] 2001-02-05  
[30] US (09/368,947) 1999-08-05

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[21] **2,314,809**  
[13] A1

[51] **Int.Cl. 7B65D 6/02**  
[25] EN  
[54] **COOKIE CONTAINER WITH DUAL RAMP STRUCTURE**  
[54] **CONTENEUR A BISCUITS AVEC STRUCTURE A DOUBLE RAMPE**  
[72] HANSON, SCOTT A., US  
[72] MANGLA, RAJ K., US  
[72] MASLACH, SUZANNE R., US  
[71] PACTIV CORPORATION, US  
[22] 2000-08-02  
[43] 2001-02-10  
[30] US (09/371,406) 1999-08-10

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[21] **2,314,813**  
[13] A1

[51] **Int.Cl. 7G01N 27/22 7B05C 19/06 7B05C 11/10**  
[25] EN  
[54] **APPARATUS MONITORING THE DEPOSITION OF A LIQUID-TO-PASTY MEDIUM ON A SUBSTRATE**  
[54] **APPAREIL POUR SUIVRE LE DEPOT D'UN MILIEU DE CONSISTANCE LIQUIDE A PATEUSE SUR UN SUBSTRAT**  
[72] BLANK, ANDREAS, DE  
[71] ITW INDUSTRIE GMBH, DE  
[22] 2000-08-02  
[43] 2001-02-07  
[30] DE (199 37 387.6) 1999-08-07

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February 4, 2001 - February 10, 2001

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[21] **2,314,819**  
[13] A1  
[51] **Int.Cl. 7C02F 3/28**  
[25] EN  
[54] **SEPTIC WASTE TREATMENT SYSTEM**  
[54] **CUVE SEPTIQUE**  
[72] THIBAUT, RONALD M., US  
[71] OSBORNE INDUSTRIES, INC., US  
[22] 2000-08-02  
[43] 2001-02-05  
[30] US (60/147,940) 1999-08-05

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[21] **2,314,826**  
[13] A1  
[51] **Int.Cl. 7H01Q 13/10 7H04Q 7/32**  
[25] FR  
[54] **ANTENNE A EMPILEMENT DE STRUCTURES RESONANTES ET DISPOSITIF DE RADIOCOMMUNICATION MULTIFREQUENCE INCLUANT CETTE ANTENNE**  
[54] **STACKED ANTENNA WITH RESONANT STRUCTURES AND MULTIFREQUENCY RADIOCOMMUNICATION DEVICE INCLUDING THIS ANTENNA**  
[72] HERVE, PASCAL, FR  
[72] NGOUNOU KOUAM, CHARLES, FR  
[72] COUPEZ, JEAN-PHILIPPE, FR  
[71] ALCATEL, FR  
[22] 2000-07-14  
[43] 2001-02-05  
[30] FR (99 10 180) 1999-08-05

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[21] **2,314,829**  
[13] A1  
[51] **Int.Cl. 7G02B 5/18 7G01K 11/32**  
[25] EN  
[54] **GRATING AND METHOD AND APPARATUS FOR FORMING SAME**  
[54] **RESEAU ET METHODE ET APPAREIL DE PRODUCTION CONNEXES**  
[72] BREBNER, JOHN L., CA  
[72] ROORDA, SJOERD, CA  
[72] FUJIMAKI, MAKOTO, JP  
[72] OHKI, YOSHIMICHI, JP  
[71] WASEDA UNIVERSITY, JP  
[22] 2000-08-02  
[43] 2001-02-06  
[30] JP (11-224272) 1999-08-06

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[21] **2,314,833**  
[13] A1  
[51] **Int.Cl. 7B29C 70/24**  
[25] EN  
[54] **TECHNIQUE FOR MAKING FIBER COMPOSITE OBJECT**  
[54] **TECHNIQUE DE FABRICATION D'OBJET EN FIBRES COMPOSITES**  
[72] MOORE, ROBERT A., US  
[72] MEASOM, RONALD J., US  
[71] BELL HELICOPTER TEXTRON INC., US  
[22] 2000-08-02  
[43] 2001-02-06  
[30] US (09/370,392) 1999-08-06

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[21] **2,314,836**  
[13] A1  
[51] **Int.Cl. 7B64C 27/28**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SENSING PRELOAD IN A TILT ROTOR DOWNSTOP**  
[54] **METHODE ET APPAREIL POUR DETECTER LA CHARGE D'ETALONNAGE DANS LA BUTEE BASSE D'UN ROTOR BASCULANT**  
[72] FENNY, CARLOS ALEXANDER, US  
[72] BULTA, KENNETH EUGENE, US  
[72] DARDEN, PAUL EUGENE, US  
[71] BELL HELICOPTER TEXTRON INC., US  
[22] 2000-08-02  
[43] 2001-02-06  
[30] US (09/369,820) 1999-08-06

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[21] **2,314,848**  
[13] A1  
[51] **Int.Cl. 7B01J 13/14 7A61J 3/02 7A61K 9/16**  
[25] EN  
[54] **PROCESS FOR PREPARING BEADLETS CONTAINING FAT-SOLUBLE SUBSTANCES**  
[54] **PROCEDE POUR PREPARER DES GRANULES RENFERMANT DES SUBSTANCES LIPOSOLUBLES**  
[72] LEUENBERGER, BRUNO, CH  
[72] TRITSCH, JEAN-CLAUDE, FR  
[72] ULM, JOHANN, CH  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 2000-08-02  
[43] 2001-02-05  
[30] EP (99115458.4) 1999-08-05

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[21] **2,314,849**  
[13] A1  
[51] **Int.Cl. 7A61K 7/42 7A61K 7/48**  
[25] EN  
[54] **TOPICAL COMPOSITION COMPRISING A TOCOPHEROL COMPOUND**  
[54] **COMPOSITION TOPIQUE COMPRENANT UN COMPOSE DE TOCOPHEROL**  
[72] SCHWARZENBACH, ROLF, CH  
[72] HUBER, ULRICH, CH  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 2000-08-02  
[43] 2001-02-06  
[30] EP (99115555.7) 1999-08-06

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[21] **2,314,851**  
[13] A1  
[51] **Int.Cl. 7H04M 3/42 7H04M 11/06**  
[25] EN  
[54] **INTEGRATED VOICE AND DATA CALL MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE COMMUNICATIONS VOIX-DONNEES INTEGRES**  
[72] MONTGOMERY, WARREN ALAN, US  
[72] BUSHNELL, WILLIAM JACKSON, US  
[72] BATES, MAVIS, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-08-02  
[43] 2001-02-06  
[30] US (09/369,553) 1999-08-06

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[21] **2,314,852**  
[13] A1  
[51] **Int.Cl. 7G06F 1/16 7H01Q 1/22**  
[25] EN  
[54] **ELECTRONICALLY STEERABLE EMBEDDED LAPTOP COMPUTER ANTENNA ARRAY**  
[54] **RESEAU D'ANTENNES A ORIENTATION ELECTRONIQUE INTEGRE A UN PORTABLE**  
[72] HONCHARENKO, WALTER, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-08-02  
[43] 2001-02-06  
[30] US (09/370,336) 1999-08-06

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**4 février 2001 - 10 février 2001**

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[21] **2,314,853**  
[13] A1

[51] **Int.Cl. 7H04Q 3/52 7H04J 14/02**  
[25] EN  
[54] **OPTICAL WAVELENGTH-SPACE CROSS-CONNECT SWITCH ARCHITECTURE**  
[54] **ARCHITECTURE DE COMMUTATEUR D'INTERCONNEXION A ESPACEMENT DES LONGUEURS D'ONDES OPTIQUES**  
[72] FATEHI, MOHAMMAD, US  
[72] KNOX, WAYNE HARVEY, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-08-02  
[43] 2001-02-09  
[30] US (09/370,824) 1999-08-09

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[21] **2,314,854**  
[13] A1

[51] **Int.Cl. 7H04B 10/02**  
[25] EN  
[54] **OPTICAL COMMUNICATION SYSTEM OPTICALLY COMBINING BOTH BASEBAND AND PASSBAND SIGNALS**  
[54] **SYSTEME DE COMMUNICATION OPTIQUE COMBINANT OPTIQUEMENT DES SIGNAUX DE BANDE DE BASE ET DE BANDE PASSANTE**  
[72] PARK, YONG-KWAN, US  
[72] SWAMINATHAN, VENKATARAMAN, US  
[72] CHAND, NARESH, US  
[72] DAUGHERTY, THOMAS HENRY, US  
[72] MUYS, WOUTERUS, NL  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-08-02  
[43] 2001-02-06  
[30] US (60/147,666) 1999-08-06  
[30] US (09/450,823) 1999-11-29

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[21] **2,314,855**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36 7H04M 15/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR USE IN PROVIDING A DISCOUNTED CALL RATE FOR WIRELESS COMMUNICATIONS**  
[54] **METHODE ET APPAREILLAGE PERMETTANT D'OFFRIR UN TARIF REDUIT POUR LES COMMUNICATIONS SANS FIL**  
[72] ALHO, STEVEN, US  
[72] ANDERSON, BRIAN, US  
[72] SCHAROSCH, DINA M., US  
[72] ZEITZ, HAROLD, US  
[72] FEINSTEIN, JACOB D., US  
[72] BENTON, HEIDI, US  
[71] AT&T WIRELESS SERVICES, INC., US  
[22] 2000-08-02  
[43] 2001-02-09  
[30] US (60/148,179) 1999-08-09  
[30] US (09/557,381) 2000-04-25

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[21] **2,314,856**  
[13] A1

[51] **Int.Cl. 7E21B 17/05**  
[25] EN  
[54] **LATERAL ENTRY GUIDANCE SYSTEM (LEGS)**  
[54] **SYSTEME DE GUIDAGE D'ENTREE LATERALE**  
[72] RAVENSBERGEN, JOHN EDWARD, CA  
[72] LAMBERT, MITCHELL DARWIN, CA  
[71] BJ SERVICES COMPANY, US  
[22] 2000-08-02  
[43] 2001-02-04  
[30] US (60/147,102) 1999-08-04

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[21] **2,314,857**  
[13] A1

[51] **Int.Cl. 7G02B 5/20 7H04J 14/02**  
[25] EN  
[54] **OPTICAL FILTER**  
[54] **FILTRE OPTIQUE**  
[72] CHENG, YIHAO, CA  
[71] JDS UNIPHASE INC., CA  
[22] 2000-08-02  
[43] 2001-02-05  
[30] US (09/369,168) 1999-08-05

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[21] **2,314,862**  
[13] A1

[51] **Int.Cl. 7H04M 1/19**  
[25] EN  
[54] **ARRANGEMENT FOR DIRECTING SOUND INTO A MICROPHONE WITH REDUCED NOISE, ESPECIALLY IN HANDSETS**  
[54] **MONTAGE PERMETTANT DE DIRIGER LE SON VERS UN MICROPHONE TOUT EN REDUISANT LE BRUIT, PARTICULIEREMENT DANS LES COMBINES**  
[72] STINSON, MICHAEL R., CA  
[72] DAIGLE, GILLES A., CA  
[71] STINSON, MICHAEL R., CA  
[71] DAIGLE, GILLES A., CA  
[22] 2000-08-02  
[43] 2001-02-06  
[30] CA (2,279,719) 1999-08-06

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[21] **2,314,867**  
[13] A1

[51] **Int.Cl. 7A61K 31/497 7A61K 31/495 7A61K 31/505**  
[25] EN  
[54] **2,7-SUBSTITUTED OCTAHYDRO-1H-PYRIDO-1,2-A-PYRAZINE DERIVATIVES AS LIGANDS FOR SEROTONIN RECEPTORS**  
[54] **DERIVES D'OCTAHYDRO-1H-PYRIDO[1,2-A]PYRAZINE SUBSTITUEE EN 2,7 UTILISES COMME LIGANDS POUR DES RECEPTEURS DE LA SEROTONINE**  
[72] DESAI, KISHOR AMRATLAL, US  
[72] FLIRI, ANTON FRANZ JOSEF, AT  
[72] SANNER, MARK ALLEN, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-08-03  
[43] 2001-02-05  
[30] US (09/368,984) 1999-08-05

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[21] **2,314,878**  
[13] A1

[51] **Int.Cl. 7G01N 30/02**  
[25] EN  
[54] **HIGH THROUGHPUT HPLC METHOD FOR DETERMINING LOG P VALUES**  
[54] **METHODE CLHP A DEBIT ELEVE POUR L'ETABLISSEMENT DES VALEURS LOG P**  
[72] ABEDI, JALEH AZMI, US  
[71] AVENTIS CROPS SCIENCE S.A., FR  
[22] 2000-08-03  
[43] 2001-02-04  
[30] US (60/147093) 1999-08-04

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[21] **2,314,917**  
[13] A1  
[51] **Int.Cl. 7C09B 48/00 7C08K 5/3437**  
[25] EN  
[54] **GAMMA QUINACRIDONE PIGMENT**  
[54] **PIGMENT DE GAMMA QUINACRIDONE**  
[72] BABLER, FRIDOLIN, US  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[22] 2000-08-03  
[43] 2001-02-05  
[30] US (60/147,454) 1999-08-05

[21] **2,314,940**  
[13] A1  
[51] **Int.Cl. 7A61M 5/24**  
[25] EN  
[54] **IMPROVED MEDICATION DELIVERY PEN**  
[54] **STYLO POUR UNE MEILLEURE ADMINISTRATION DE MEDICAMENTS**  
[72] BENDEK, ANTONIO A., US  
[72] USCHOLD, ROBERT C., US  
[72] BURBANK, JOHN E., III, US  
[72] PACKMAN, JAY D., US  
[72] STROWE, ROBERT J., US  
[71] BECTON, DICKINSON AND COMPANY, US  
[22] 2000-08-03  
[43] 2001-02-06  
[30] US (09/370,058) 1999-08-06

[21] **2,314,943**  
[13] A1  
[51] **Int.Cl. 7C07C 55/02 7C07C 231/12 7C07C 55/18 7C07C 51/34 7C07C 233/36 7C07C 235/74**  
[25] EN  
[54] **METHOD OF PRODUCING DICARBOXYLIC ACIDS SUITABLE FOR SYNTHESIS OF POLYMERS OR POLYAMIDES**  
[54] **METHODE DE SYNTHESE D'ACIDES DICARBOXYLIQUES POUVANT SERVIR A LA SYNTHESE DE POLYAMIDES OU D'AUTRES POLYMERES**  
[72] HEGWEIN, KATJA, DE  
[72] VOLKHEIMER, JURGEN, DE  
[72] FRISCHE, RAINER, DE  
[71] DR. FRISCHE GMBH, DE  
[22] 2000-08-03  
[43] 2001-02-05  
[30] EP (99 115 528.4) 1999-08-05

[21] **2,314,944**  
[13] A1  
[51] **Int.Cl. 7H04L 12/56**  
[25] EN  
[54] **MULTICOMMODITY FLOW METHOD FOR DESIGNING TRAFFIC DISTRIBUTION ON A MULTIPLE-SERVICE PACKETIZED NETWORK**  
[54] **METHODE DE TRANSMISSION MULTIPRODUITS POUR CONCEVOIR LA DISTRIBUTION DU TRAFIC DANS UN RESEAU DE PAQUETS A SERVICES MULTIPLES**  
[72] MITRA, DEBASIS, US  
[72] RAMAKRISHNAN, KAJAMALAI GOPALASWAMY, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-08-03  
[43] 2001-02-09  
[30] US (09/370,826) 1999-08-09

[21] **2,314,949**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/36 7H04L 12/56**  
[25] EN  
[54] **DYNAMIC HOME AGENT SYSTEM FOR WIRELESS COMMUNICATION SYSTEMS**  
[54] **SYSTEME D'AGENT DYNAMIQUE DE BASE POUR SYSTEMES DE TELECOMMUNICATIONS SANS FIL**  
[72] LIU, CHUNG-ZIN, US  
[72] WANG, JIN, US  
[72] GORREPATI, PATUARDHANA BABU, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-08-03  
[43] 2001-02-06  
[30] US (09/369,940) 1999-08-06

[21] **2,314,951**  
[13] A1  
[51] **Int.Cl. 7B65D 81/34**  
[25] EN  
[54] **FOOD PACKAGE AND PREPARATION METHOD FOR FOODS**  
[54] **CONDITIONNEMENT ALIMENTAIRE ET METHODE DE PREPARATION D'ALIMENTS**  
[72] KELLER, KARL, CH  
[71] KELLER, KARL, CH  
[22] 2000-08-03  
[43] 2001-02-09  
[30] CH (CH 1457/99) 1999-08-09

[21] **2,314,957**  
[13] A1  
[51] **Int.Cl. 7G02B 6/13**  
[25] EN  
[54] **METHOD FOR FABRICATING PLANAR OPTICAL WAVEGUIDE DEVICES**  
[54] **METHODE DE FABRICATION DE DISPOSITIFS A GUIDES D'ONDES OPTIQUES PLANAIRES**  
[72] KAWAGUCHI, SHIGERU, JP  
[72] MASUDA, MICHIIYA, JP  
[72] SENDA, TAKAYUKI, JP  
[72] NATSUME, YUTAKA, JP  
[71] KAWAGUCHI, SHIGERU, JP  
[71] MASUDA, MICHIIYA, JP  
[71] SENDA, TAKAYUKI, JP  
[71] NATSUME, YUTAKA, JP  
[22] 2000-08-03  
[43] 2001-02-06  
[30] JP (11-224312) 1999-08-06  
[30] JP (2000-128082) 2000-04-27  
[30] JP (2000-128092) 2000-04-27  
[30] JP (2000-206107) 2000-07-07

[21] **2,314,958**  
[13] A1  
[51] **Int.Cl. 7F15B 15/14**  
[25] EN  
[54] **PRESSURE FLUID ACTUATOR WITH DAMPING AND SPEED CONTROL DEVICE**  
[54] **ACTIONNEUR HYDRAULIQUE AVEC AMORTISSEUR ET REGULATEUR DE VITESSE**  
[72] FAVOTTO, SERGIO, IT  
[71] UNIVER S.P.A., IT  
[22] 2000-08-03  
[43] 2001-02-04  
[30] IT (MI99A 001751) 1999-08-04

[21] **2,314,982**  
[13] A1  
[51] **Int.Cl. 7G02B 6/26**  
[25] EN  
[54] **OPTICAL COUPLING SYSTEM**  
[54] **SYSTEME DE COUPLAGE OPTIQUE**  
[72] DUCK, GARY STEPHEN, CA  
[72] CHENG, YIHAO, CA  
[71] JDS UNIPHASE INC., CA  
[22] 2000-08-03  
[43] 2001-02-06  
[30] US (09/369,363) 1999-08-06

**Demandes canadiennes mises à la disponibilité du public**

**4 février 2001 - 10 février 2001**

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[21] **2,314,998**  
[13] A1

[51] **Int.Cl. 7B64D 13/08**  
[25] EN  
[54] **AIRCRAFT AIR-CONDITIONING APPARATUS WITH WATER SEPARATORS**  
[54] **APPAREIL DE CONDITIONNEMENT D'AIR D'AERONEF AVEC SEPARATEUR D'EAU**  
[72] MUELLER, WOLFGANG, DE  
[71] MUELLER, WOLFGANG, DE  
[22] 2000-08-03  
[43] 2001-02-04  
[30] DE (199 36 641.1) 1999-08-04

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[21] **2,315,007**  
[13] A1

[51] **Int.Cl. 7F16B 45/00**  
[25] EN  
[54] **MERCHANDISE DISPLAY HOOK FOR CORRUGATED DISPLAY PANELS**  
[54] **CROCHET D'ETALAGE DE MARCHANDISES POUR PANNEAUX D'ETALAGE ONDULES**  
[72] THALENFELD, DAVID R., US  
[71] TRION INDUSTRIES, INC., US  
[22] 2000-08-03  
[43] 2001-02-06  
[30] US (09/370,624) 1999-08-06

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[21] **2,315,040**  
[13] A1

[51] **Int.Cl. 7F16J 15/56 7F16J 15/32**  
[25] EN  
[54] **SEALING ASSEMBLY FOR A MECHANICAL MEMBER MOVING RECIPROCATINGLY WITH RESPECT TO A RELATIVE SLIDE SEAT, AND IN PARTICULAR FOR A SHOCK ABSORBER ROD**  
[54] **ENSEMBLE D'ETANCHEITE POUR ELEMENT MECANIQUE A MOUVEMENT ALTERNATIF PAR RAPPORT A UN SIEGE A COULISSEMENT RELATIF, ET EN PARTICULIER POUR UNE TIGE D'AMORTISSEUR**  
[72] BORTOLAN, ADRIANO, IT  
[71] RFT S.P.A., IT  
[22] 2000-08-03  
[43] 2001-02-04  
[30] IT (MI99A 001761) 1999-08-04

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[21] **2,315,126**  
[13] A1

[51] **Int.Cl. 7A43B 7/08**  
[25] EN  
[54] **VENTILATED FOOTWEAR**  
[54] **CHAUSSURE VENTILEE**  
[72] DI GIROLAMO, MARIO, CA  
[71] OPAL LIMITED, BS  
[22] 2000-08-03  
[43] 2001-02-04  
[30] CA (2,279,738) 1999-08-04

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[21] **2,315,129**  
[13] A1

[51] **Int.Cl. 7B66F 11/04 7E04G 1/24**  
[25] EN  
[54] **MOBILE SCAFFOLD VEHICLE**  
[54] **VEHICULE A ECHAFAUDAGE MOBILE**  
[72] BOULANGER, SYLVAIN, CA  
[72] LYON, JEFFREY RICHARD, CA  
[72] HUBBARD, GREG PETER, CA  
[71] SCAFFWAY INC., CA  
[22] 2000-08-03  
[43] 2001-02-09  
[30] CA (2,279,686) 1999-08-09

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[21] **2,315,136**  
[13] A1

[51] **Int.Cl. 7C11D 3/22 7C11D 1/22 7C11D 1/72 7C11D 1/83**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF PREPARATIONS CONTAINING CO-BUILDERS**  
[54] **PROCESSUS DE PRODUCTION DE PREPARATIONS CONTENANT DES CO-ADJUVANTS**  
[72] BAUER, VOLKER, DE  
[72] ARTIGA GONZALEZ, RENE-ANDRES, DE  
[72] KOTTWITZ, BEATRIX, DE  
[72] ALBAND, GERHARD, DE  
[72] VOGT, GUENTHER, DE  
[71] HENKEL  
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[22] 2000-08-04  
[43] 2001-02-06  
[30] DE (199 36 726.4) 1999-08-06

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[21] **2,315,137**  
[13] A1

[51] **Int.Cl. 7C11D 17/02 7C11D 1/14 7C11D 3/37 7C11D 3/395**  
[25] EN  
[54] **CLEANING TABLETS**  
[54] **PASTILLES POUR LE NETTOYAGE**  
[72] MENKE, RONALD, DE  
[72] PRAUS, GERD, DE  
[72] DITZE, ALEXANDER, DE  
[71] HENKEL  
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[22] 2000-08-04  
[43] 2001-02-07  
[30] DE (199 37 428.7) 1999-08-07

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[21] **2,315,272**  
[13] A1

[51] **Int.Cl. 7B23P 15/00**  
[25] EN  
[54] **METHOD FOR FORMING SPHERICAL CONCAVE SURFACES**  
[54] **METHODE POUR LA FORMATION DE SURFACES CONCAVES SPHERIQUES**  
[72] OOTSUKI, YOSHITAKA, JP  
[71] SANDEN CORPORATION, JP  
[22] 2000-08-04  
[43] 2001-02-06  
[30] JP (HEI-11-223743) 1999-08-06

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[21] **2,315,285**  
[13] A1

[51] **Int.Cl. 7B61D 19/00**  
[25] EN  
[54] **TRACKLESS SUPPORT FOR RADIAL END DOOR**  
[54] **SUPPORT SANS RAIL POUR PORTE D'EXTREMITE RADIALE**  
[72] WILLOUGHBY, BARNEY RUSSELL JR., US  
[72] ALLISON, RONNY LAMAR, US  
[72] SCHORR, RALPH HARTMAN, US  
[72] KAPLAN, DANIEL JOSEPH, US  
[71] THRALL CAR MANUFACTURING COMPANY, US  
[22] 2000-08-04  
[43] 2001-02-06  
[30] US (60/147,644) 1999-08-06

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Canadian Laid-Open Applications  
February 4, 2001 - February 10, 2001

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[21] **2,315,286**  
[13] A1  
[51] **Int.Cl. 7B66B 23/22**  
[25] EN  
[54] **SUPPORT CONSTRUCTION FOR LONG ESCALATORS AND MOVING WALKWAYS**  
[54] **CONSTRUCTIONS SUPPORTS POUR LONGS ESCALIERS MECANQUES ET TROTTOIRS ROULANTS**  
[72] KRAMPL, DAVID, AT  
[72] GSCHWENDTNER, GERO, AT  
[71] INVENTIO AG, CH  
[22] 2000-08-04  
[43] 2001-02-06  
[30] EP (99810702.3) 1999-08-06

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[21] **2,315,287**  
[13] A1  
[51] **Int.Cl. 7E05C 21/02**  
[25] EN  
[54] **DUAL ROTARY LATCH**  
[54] **VERROU ROTATIF DOUBLE**  
[72] COHEN, VICTOR I., US  
[72] HELENICK, ROBERT F., US  
[71] HEHR INTERNATIONAL, INC., US  
[22] 2000-08-04  
[43] 2001-02-06  
[30] US (09/369,575) 1999-08-06

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[21] **2,315,290**  
[13] A1  
[51] **Int.Cl. 7E05B 73/00**  
[25] EN  
[54] **ANTI-THEFT DEVICE FOR ITEMS HAVING PORTIONS WHICH CAN BE SURROUNDED BY STRAPS OR THE LIKE**  
[54] **DISPOSITIF ANTIVOL POUR ARTICLES DONT CERTAINES PARTIES PEUVENT ETRE ENTOUREES DE SANGLES OU D'AUTRES OBJETS DU MEME GENRE**  
[72] COSTA, EMILIO, IT  
[71] COSTA, EMILIO, IT  
[22] 2000-08-04  
[43] 2001-02-06  
[30] IT (PD99A000191) 1999-08-06

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[21] **2,315,306**  
[13] A1  
[51] **Int.Cl. 7C12N 9/50 7C12Q 1/37 7A61K 38/43 7C12Q 1/56 7G01N 33/573 7G01N 33/86**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION IN PURE FORM OF THE PROTEASE ACTIVATING BLOOD CLOTTING FACTOR VII, ITS PROENZYME OR A MIXTURE OF BOTH PROTEINS BY MEANS OF ION-EXCHANGE CHROMATOGRAPHY**  
[54] **PROCESSUS DE PREPARATION D'UNE FORME PURIFIEE DE LA PROTEASE ACTIVANT LE FACTEUR VII DE COAGULATION, DE SON PROENZYME OU D'UN MELANGE DES DEUX PROTEINES A L'AIDE DE LA CHROMATOGRAPHIE PAR ECHANGE D'IONS**  
[72] ROEMISCH, JUERGEN, DE  
[72] STOEHR, HANS-ARNOLD, DE  
[72] FEUSSNER, ANNETTE, DE  
[71] AVENTIS BEHRING GMBH, DE  
[22] 2000-08-03  
[43] 2001-02-06  
[30] DE (19937219.5) 1999-08-06

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[21] **2,315,309**  
[13] A1  
[51] **Int.Cl. 7C12N 9/50 7C12Q 1/37 7A61K 38/43 7C12Q 1/56 7G01N 33/573 7G01N 33/86**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION IN PURE FORM OF THE PROTEASE ACTIVATING BLOOD CLOTTING FACTOR VII, ITS PROENZYME OR A MIXTURE OF BOTH PROTEINS BY MEANS OF AFFINITY CHROMATOGRAPHY**  
[54] **PROCESSUS DE PREPARATION D'UNE FORME PURIFIEE DE LA PROTEASE ACTIVANT LE FACTEUR VII DE COAGULATION, DE SON PROENZYME OU D'UN MELANGE DES DEUX PROTEINES A L'AIDE DE LA CHROMATOGRAPHIE D'AFFINITE**  
[72] FEUSSNER, ANNETTE, DE  
[72] STOEHR, HANS-ARNOLD, DE  
[72] ROEMISCH, JUERGEN, DE  
[71] AVENTIS BEHRING GMBH, DE  
[22] 2000-08-03  
[43] 2001-02-06  
[30] DE (19937218.7) 1999-08-06

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[21] **2,315,315**  
[13] A1  
[51] **Int.Cl. 7C23C 4/04 7F01L 3/02 7B29C 41/20**  
[25] EN  
[54] **A METHOD OF MANUFACTURING A METAL AND POLYMERIC COMPOSITE ARTICLE**  
[54] **UNE METHODE DE PRODUCTION D'UN ARTICLE COMPOSITE EN METAL ET POLYMERE**  
[72] VAN REATHERFORD, LARRY, US  
[72] MCCUNE, ROBERT, US  
[72] POPOOLA, OLUDELE, US  
[72] COOPER, RONALD, US  
[71] FORD GLOBAL TECHNOLOGIES, INC., US  
[22] 2000-08-03  
[43] 2001-02-09  
[30] US (09/370,298) 1999-08-09

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[21] **2,315,317**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/36 7H04L 12/56**  
[25] EN  
[54] **METHOD FOR OPTIMIZING MOBILE WIRELESS COMMUNICATIONS ROUTED ACROSS PLURAL INTERCONNECTED NETWORKS**  
[54] **METHODE D'OPTIMISATION DES TELECOMMUNICATIONS MOBILES SANS FIL ACHEMINEES SUR PLUSIEURS RESEAUX INTERCONNECTES**  
[72] LIU, CHUNG-ZIN, US  
[72] STROM, KENNETH WAYNE, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-08-03  
[43] 2001-02-10  
[30] US (09/371,385) 1999-08-10

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[21] **2,315,335**  
[13] A1  
[51] **Int.Cl. 7F16L 59/02 7B64C 1/40 7D04H 1/60**  
[25] EN  
[54] **HIGH PERFORMANCE INSULATIONS AND METHODS OF MANUFACTURING THE SAME**  
[54] **ISOLANTS HAUTE PERFORMANCE ET METHODES POUR LES FABRIQUER**  
[72] ERB, DAVID F., JR., US  
[71] TEX TECH INDUSTRIES, INC., US  
[22] 2000-08-04  
[43] 2001-02-06  
[30] US (09/369,557) 1999-08-06

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**4 février 2001 - 10 février 2001**

[21] **2,315,336**  
[13] A1

[51] **Int.Cl. 7B61D 17/10 7B61D 3/18**  
[25] EN  
[54] **AUTO RACK DECK HINGE ARRANGEMENT**  
[54] **ENSEMBLE DE CHARNIERES POUR PONTS DE BAIES SERVANT AU TRANSPORT DE VEHICULES**  
[72] KLAG, JAMES P., US  
[72] CENCER, ROBERT J., US  
[72] WROBLEY, ERIC MATTHEW, US  
[72] RECUPIDO, ROBERT J., US  
[71] THRALL CAR MANUFACTURING COMPANY, US  
[22] 2000-08-04  
[43] 2001-02-06  
[30] US (60/147,648) 1999-08-06

[21] **2,315,338**  
[13] A1

[51] **Int.Cl. 7A61F 2/16 7G02C 7/04**  
[25] EN  
[54] **ADJUSTABLE INTRAOCULAR LENS AND METHOD FOR ITS PRODUCTION**  
[54] **LENTILLE INTRA-OCULAIRE REGLABLE ET METHODE POUR SA PRODUCTION**  
[72] JAHN, MARIANNE, DE  
[72] JAHN, CLAUS-EKKEHARD, DE  
[71] JAHN, MARIANNE, DE  
[71] JAHN, CLAUS-EKKEHARD, DE  
[22] 2000-08-03  
[43] 2001-02-04  
[30] DE (199 36 666.7) 1999-08-04

[21] **2,315,339**  
[13] A1

[51] **Int.Cl. 7B62D 63/06 7B62D 65/00**  
[25] EN  
[54] **REDUCED-DRAG TRAILER**  
[54] **REMORQUE A TRAINEE REDUITE**  
[72] KINGHAM, JAMES, CA  
[71] KINGHAM, JAMES, CA  
[22] 2000-08-03  
[43] 2001-02-10  
[30] US (09/371,965) 1999-08-10

[21] **2,315,340**  
[13] A1

[51] **Int.Cl. 7B60P 7/04 7B60P 1/00**  
[25] EN  
[54] **FLEXIBLE SHEET COVER APPARATUS**  
[54] **CONTENEUR A COUVERCLE SOUPLE**  
[72] WALTZ, KEVIN, US  
[72] WALTZ, PAUL, US  
[71] WALTZ, KEVIN, US  
[71] WALTZ, PAUL, US  
[22] 2000-08-03  
[43] 2001-02-09  
[30] US (09/370,467) 1999-08-09

[21] **2,315,341**  
[13] A1

[51] **Int.Cl. 7C11D 3/37 7C11D 3/08 7C11D 3/10 7C11D 1/22 7C11D 1/72 7C11D 1/83**  
[25] EN  
[54] **LOW-DOSAGE SOLUBLE BUILDER**  
[54] **ADJUVANT SOLUBLE A FAIBLE DOSAGE**  
[72] KIHN-BOTULINSKI, MARTINA, DE  
[72] KOTTWITZ, BEATRIX, DE  
[72] ARTIGA GONZALEZ, RENE-ANDRES, DE  
[72] LIPHARD, MARIA, DE  
[71] HENKEL  
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[22] 2000-08-03  
[43] 2001-02-04  
[30] DE (199 36 612.8) 1999-08-04

[21] **2,315,352**  
[13] A1

[51] **Int.Cl. 7H04B 10/04 7G02F 1/35**  
[25] EN  
[54] **CHANNEL BAND CONVERSION APPARATUS FOR OPTICAL TRANSMISSION SYSTEMS**  
[54] **APPAREIL DE CONVERSION DE BANDE DE CANAL POUR SYSTEMES DE TRANSMISSION OPTIQUES**  
[72] HUNZIKER, GUIDO HERMANN, US  
[72] ZHOU, JIANHUI, US  
[72] LUMISH, STAN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-08-03  
[43] 2001-02-10  
[30] US (09/371,165) 1999-08-10

[21] **2,315,355**  
[13] A1

[51] **Int.Cl. 7C25B 1/26 7C25B 9/08**  
[25] EN  
[54] **ELECTROCHEMICAL TREATMENT OF AN AQUEOUS SOLUTION**  
[54] **TRAITEMENT ELECTROCHIMIQUE D'UNE SOLUTION AQUEUSE**  
[72] BUCKLEY, ALAN, GB  
[72] POPOV, ALEXEY YUREVICH, RU  
[72] COLLINS, PHIL, GB  
[72] BELLAMY, MARTIN, GB  
[71] STERIOX MEDICAL (EUROPE) LIMITED, GB  
[22] 2000-08-03  
[43] 2001-02-06  
[30] GB (9918458.2) 1999-08-06  
[30] GB (9927808.7) 1999-11-24

[21] **2,315,356**  
[13] A1

[51] **Int.Cl. 7B30B 15/02**  
[25] EN  
[54] **RESINOUS DIE**  
[54] **MATRICE RESINEUSE**  
[72] ITO, YASUSHI, JP  
[72] USUI, TOSHIYUKI, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 2000-08-03  
[43] 2001-02-04  
[30] JP (11-221769) 1999-08-04

[21] **2,315,388**  
[13] A1

[51] **Int.Cl. 7B24B 3/36**  
[25] EN  
[54] **DEVICE FOR SHARPENING CUTTING TOOLS**  
[54] **DISPOSITIF POUR AFFUTER LES OUTILS DE COUPE**  
[72] GRAFE, HORST, DE  
[71] ZWILLING J.A. HENCKELS AKTIENGESELLSCHAFT, DE  
[22] 2000-08-04  
[43] 2001-02-04  
[30] DE (299 13 582.9) 1999-08-04

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February 4, 2001 - February 10, 2001

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[21] **2,315,391**  
[13] A1  
[51] **Int.Cl. 7E21B 23/01**  
[25] EN  
[54] **DEVICE FOR ANCHORING AN OIL WELL TUBING STRING WITHIN AN OIL WELL CASING**  
[54] **DISPOSITIF D'ANCRAGE D'UN TRAIN DE TIGES DANS UN TUBAGE DE Puits DE PETROLE**  
[72] WRIGHT, ANDREW J., CA  
[72] WAWRZYNOWSKI, MICHAEL, CA  
[71] WRIGHT, ANDREW J., CA  
[22] 2000-08-04  
[43] 2001-02-09  
[30] US (09/370,477) 1999-08-09

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[21] **2,315,411**  
[13] A1  
[51] **Int.Cl. 7C02F 1/04**  
[25] EN  
[54] **COMPACT WASTEWATER CLEANING APPARATUS**  
[54] **APPAREIL COMPACT POUR LE TRAITEMENT DES EAUX USEES**  
[72] VANKOUWENBERG, RAYMOND E., US  
[71] VANKOUWENBERG, RAYMOND E., US  
[22] 2000-08-04  
[43] 2001-02-06  
[30] US (60/147,736) 1999-08-06  
[30] US (60/159,664) 1999-10-15

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[21] **2,315,423**  
[13] A1  
[51] **Int.Cl. 7B61F 5/04**  
[25] EN  
[54] **IMPROVED LIGHTWEIGHT BOLSTER FOR A RAILWAY TRUCK**  
[54] **TRAVERSE PIVOT LEGERE AMELIOREE POUR WAWON DE CHEMIN DE FER**  
[72] MOEHLING, CHARLES, US  
[72] MCKEOWN, FRANKLIN S., JR., US  
[72] WRONKIEWICZ, ROBERT D., US  
[71] AMSTED INDUSTRIES INCORPORATED, US  
[22] 2000-08-01  
[43] 2001-02-09  
[30] US (09/370,136) 1999-08-09

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[21] **2,315,428**  
[13] A1  
[51] **Int.Cl. 7H05K 5/00 7H01H 9/02 7H02G 3/08**  
[25] EN  
[54] **ELECTRICAL UTILITY BOX**  
[54] **BOITE ELECTRIQUE A USAGES MULTIPLES**  
[72] ROESCH, MARK, US  
[72] MACCARONE, DAVID, US  
[71] THE LAMSON & SESSIONS COMPANY, US  
[22] 2000-07-27  
[43] 2001-02-09  
[30] US (60/147,882) 1999-08-09

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[21] **2,315,437**  
[13] A1  
[51] **Int.Cl. 7C11D 1/72 7C11D 1/12 7C11D 3/50 7C11D 1/66 7C11D 1/72 7C11D 1/83**  
[25] EN  
[54] **WATER-CONTAINING MULTIPHASE CLEANING COMPOSITION BASED ON NONIONIC SURFACTANT**  
[54] **COMPOSITION DE NETTOYAGE AQUEUSE, A PLUSIEURS PHASES, A BASE DE SURFACTANT NON IONIQUE**  
[72] SCHAPER, ULF-ARMIN, DE  
[72] DITZE, ALEXANDER, DE  
[72] KATOWICZ, RYZARD, DE  
[72] MEINE, GEORG, DE  
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[22] 2000-08-04  
[43] 2001-02-06  
[30] DE (199 36 727.2) 1999-08-06

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[21] **2,315,441**  
[13] A1  
[51] **Int.Cl. 7H04J 3/02 7H04L 12/56**  
[25] EN  
[54] **INVERSE MULTIPLEXER**  
[54] **MULTIPLEXEUR INVERSE**  
[72] PIRES, ALEXANDRE, CA  
[72] DEGRANDPRE, MARCEL, CA  
[71] MITEL CORPORATION, CA  
[22] 2000-08-04  
[43] 2001-02-09  
[30] GB (9918734.6) 1999-08-09

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[21] **2,315,458**  
[13] A1  
[51] **Int.Cl. 7H04J 14/02**  
[25] EN  
[54] **OPTICAL WAVELENGTH MULTIPLEXER/DEMUTIPLEXER**  
[54] **MULTIPLEXEUR/DEMUTIPLEXEUR OPTIQUE**  
[72] NOUNEN, HIDEKI, JP  
[72] UETSUKA, HISATO, JP  
[72] MARU, KOICHI, JP  
[72] OKAWA, MASAHIRO, JP  
[72] TERAOKA, TATSUO, JP  
[71] HITACHI CABLE, LTD., JP  
[22] 2000-08-09  
[43] 2001-02-10  
[30] JP (11-226875) 1999-08-10  
[30] JP (11-276802) 1999-09-29  
[30] JP (11-299832) 1999-10-21  
[30] JP (11-321246) 1999-11-11

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[21] **2,315,487**  
[13] A1  
[51] **Int.Cl. 7B41F 33/16 7G06F 3/12**  
[25] EN  
[54] **DYNAMICALLY VARYING POLICY DRIVEN PRINT ENGINE**  
[54] **IMPRIMANTE A ENTRAINEMENT DE CARACTERES A VARIATION DYNAMIQUE**  
[72] PURVIS, LISA S., US  
[71] XEROX CORPORATION, US  
[22] 2000-08-09  
[43] 2001-02-10  
[30] US (09/370,890) 1999-08-10

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[21] **2,315,492**  
[13] A1  
[51] **Int.Cl. 7H01J 61/18**  
[25] EN  
[54] **MERCURY-FREE METAL HALIDE LAMP**  
[54] **LAMPE A HALOGENURE METALLIQUE EXEMPT DE MERCURE**  
[72] STOCKWALD, KLAUS, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 2000-08-09  
[43] 2001-02-10  
[30] DE (199 37 312.4) 1999-08-10

**Demandes canadiennes mises à la disponibilité du public**  
**4 février 2001 - 10 février 2001**

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[21] **2,315,501**  
[13] A1

[51] **Int.Cl. 7B65H 37/00**  
[25] EN  
[54] **VACUUM CONVEYOR**  
[54] **BANDE TRANSPORTEUSE A DEPRESSION**  
[72] DADD, JAMES, CA  
[71] VOITH SULZER PAPIERTECHNIK PATENT GMBH, DE  
[22] 2000-08-09  
[43] 2001-02-10  
[30] US (09/371,129) 1999-08-10

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[21] **2,315,502**  
[13] A1

[51] **Int.Cl. 7C21B 13/00 7C22B 4/00**  
[25] EN  
[54] **PRESSURE CONTROL**  
[54] **CONTROLE DE LA PRESSION**  
[72] BURKE, PETER DAMIAN, AU  
[71] TECHNOLOGICAL RESOURCES PTY. LTD., AU  
[22] 2000-08-09  
[43] 2001-02-10  
[30] AU (PQ2130) 1999-08-10

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[21] **2,315,510**  
[13] A1

[51] **Int.Cl. 7H04L 29/06**  
[25] EN  
[54] **METHOD FOR TRANSPORTING DATA, A RELATED DATA TRANSMITTING ELEMENT AND A DATA RECEIVING ELEMENT**  
[54] **METHODE DE TRANSPORT DE DONNEES, ELEMENT DE TRANSMISSION DE DONNEES CONNEXE ET ELEMENT DE RECEPTION DE DONNEES**  
[72] T'JOENS, YVES, BE  
[72] DE SCHRIJVER, PETER PAUL CAMILLE, BE  
[72] ZACCONE, CARMELO, BE  
[71] ALCATEL, FR  
[22] 2000-08-08  
[43] 2001-02-09  
[30] EP (99402021.2) 1999-08-09

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[21] **2,315,511**  
[13] A1

[51] **Int.Cl. 7A47G 27/02**  
[25] EN  
[54] **CARPET BACKING THAT PROVIDES DIMENSIONAL STABILITY**  
[54] **SOUS-COUCHE DE MOQUETTE QUI AMELIORE LA STABILITE DIMENSIONNELLE**  
[72] IRWIN, DONALD A., SR., US  
[71] DARWIN ENTERPRISES, INC., US  
[22] 2000-08-08  
[43] 2001-02-09  
[30] US (09/370,148) 1999-08-09  
[30] US (09/405,502) 1999-09-23

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[21] **2,315,512**  
[13] A1

[51] **Int.Cl. 7C12P 19/30 7C12N 1/19 7C12P 19/26**  
[25] EN  
[54] **PROCESS FOR PRODUCING GDP-FUCOSE**  
[54] **PROCESSUS DE PRODUCTION DE GDP-FUCOSE**  
[72] ENDO, TETSUO, JP  
[72] TABATA, KAZUHIKO, JP  
[72] OZAKI, AKIO, JP  
[72] KOIZUMI, SATOSHI, JP  
[72] NAGANO, HIROSHI, JP  
[71] KYOWA HAKKO KOGYO CO., LTD., JP  
[22] 2000-08-08  
[43] 2001-02-10  
[30] JP (11-225889) 1999-08-10

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[21] **2,315,517**  
[13] A1

[51] **Int.Cl. 7B65G 21/10**  
[25] EN  
[54] **CONVEYOR WITH SUPPORTING DEVICE FOR A GOODS CONTAINER**  
[54] **BANDE TRANSPORTEUSE A SUPPORT POUR CONTENEUR A MARCHANDISES**  
[72] CRIBIU', ORESTE, IT  
[71] COSTRUZIONI MECCANICHE CRIZAF S.P.A., IT  
[22] 2000-08-08  
[43] 2001-02-10  
[30] EP (99830520.5) 1999-08-10

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[21] **2,315,521**  
[13] A1

[51] **Int.Cl. 7A61N 5/067**  
[25] EN  
[54] **THERAPEUTIC LASER DEVICE AND METHOD INCLUDING NONINVASIVE SUBSURFACE MONITORING AND CONTROLLING MEANS**  
[54] **DISPOSITIF LASER THERAPEUTIQUE ET METHODE COMPRENANT LA SURVEILLANCE NON INVASIVE SOUS LA SURFACE ET DES MOYENS DE CONTROLE**  
[72] WEERSINK, ROBERT A., CA  
[72] LILGE, LOTHAR, CA  
[72] DUMOULIN-WHITE, ROGER J., CA  
[71] THERALASE, INC., CA  
[22] 2000-08-09  
[43] 2001-02-09  
[30] US (09/370,315) 1999-08-09

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[21] **2,315,525**  
[13] A1

[51] **Int.Cl. 7B61D 47/00 7B66F 11/04 7B61D 17/10**  
[25] EN  
[54] **MECHANISM TO FACILITATE RAISING AND LOWERING HINGED END SECTION OF DECK**  
[54] **MECANISME POUR FACILITER LE LEVAGE ET L'ABAISSEMENT DE L'EXTREMITÉ ARTICULÉE D'UNE PLATE-FORME**  
[72] SHADDLE, RICHARD B., US  
[72] CENCER, ROBERT J., US  
[72] RECUPIDO, ROBERT J., US  
[71] THRALL CAR MANUFACTURING COMPANY, US  
[22] 2000-08-07  
[43] 2001-02-06  
[30] US (60/147,649) 1999-08-06  
[30] US (09/631,320) 2000-08-03

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[21] **2,315,526**  
[13] A1  
[51] **Int.Cl. 7A47J 37/07**  
[25] EN  
[54] **PORTABLE GRIDDLE STOVE WITH DUAL COOKING SURFACES**  
[54] **RECHAUD PORTATIF A DEUX PLAQUES DE CUISSON**  
[72] LAWHON, ROBERT L., US  
[72] MAY, RANDALL L., US  
[72] NEUGEBAUER, NORMAN D., US  
[72] MOSHER, ROBERT F., II, US  
[71] THE COLEMAN COMPANY, INC., US  
[22] 2000-08-09  
[43] 2001-02-10  
[30] US (09/371,262) 1999-08-10

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[21] **2,315,530**  
[13] A1  
[51] **Int.Cl. 7B65G 39/09**  
[25] EN  
[54] **IDLER ROLL BEARING ASSEMBLY**  
[54] **ROULEMENT A GALETS FOUS**  
[72] MORRISON, THOMAS E., US  
[72] BELL, JEFFREY D., US  
[72] ELLIS, WILLIAM R., US  
[72] BRYANT, C. EDWARD JR., US  
[72] WHEELER, ROBERT H., US  
[71] CONTINENTAL CONVEYOR & EQUIPMENT COMPANY, US  
[22] 2000-08-09  
[43] 2001-02-10  
[30] US (60/148,197) 1999-08-10

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[21] **2,315,533**  
[13] A1  
[51] **Int.Cl. 7F23D 14/62**  
[25] EN  
[54] **HEATING APPARATUS**  
[54] **APPAREIL DE CHAUFFAGE**  
[72] SCHMIDT, FRANKLIN T., US  
[71] THE COLEMAN COMPANY, INC., US  
[22] 2000-08-09  
[43] 2001-02-10  
[30] US (09/371,167) 1999-08-10

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[21] **2,315,535**  
[13] A1  
[51] **Int.Cl. 7B61D 17/04**  
[25] EN  
[54] **CENTER BEAM CAR WITH INCREASED LOAD CAPACITY**  
[54] **WAGON A SUPPORT CENTRAL EN A AUGMENTANT LA CAPACITE DE CHARGE**  
[72] RECUPIDO, ROBERT J., US  
[72] RICHTER, RAY (DECEASED), US  
[72] CLARK, JAMES STEPHEN, US  
[72] DANCU, THEODORE E., US  
[71] THRALL CAR MANUFACTURING COMPANY, US  
[22] 2000-08-09  
[43] 2001-02-09  
[30] US (60/147,849) 1999-08-09

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[21] **2,315,536**  
[13] A1  
[51] **Int.Cl. 7B41C 1/10 7B41C 1/05 7B41F 13/193**  
[25] EN  
[54] **A THERMAL TRANSFER SHEET FOR THE LASER-INDUCED COATING OF A PRINTING FORM CYLINDER**  
[54] **FEUILLE DE TRANSFERT THERMIQUE POUR LE REVETEMENT INDUIT PAR LASER D'UN CYLINDRE A FORME D'IMPRESSION**  
[72] HARTMANN, THOMAS, DE  
[72] BELTLE, HANS-CHRISTOPH, DE  
[72] SCHNEIDER, JOSEF, DE  
[72] FUCHS, ANDREA, DE  
[71] MAN ROLAND DRUCKMASCHINEN AG, DE  
[22] 2000-08-07  
[43] 2001-02-07  
[30] DE (199 37 478.3) 1999-08-07

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[21] **2,315,542**  
[13] A1  
[51] **Int.Cl. 7G01N 37/00 7C07B 63/00 7G01N 21/25**  
[25] EN  
[54] **HPLC METHOD FOR PURIFYING ORGANIC COMPOUNDS**  
[54] **METHODE DE CLHP POUR PURIFIER DES COMPOSES ORGANIQUES**  
[72] ABEDI, JALEH AZMI, US  
[71] AVENTIS CROPSCIENCE S.A., FR  
[22] 2000-08-08  
[43] 2001-02-10  
[30] US (60/148153) 1999-08-10

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[21] **2,315,543**  
[13] A1  
[51] **Int.Cl. 7B05D 1/04 7B05B 5/00 7C21C 5/56**  
[25] EN  
[54] **ELECTROSTATICALLY FIBER PLANTED STEEL SHEET AND PRODUCTION PROCESS THEREFOR**  
[54] **TOLE D'ACIER A FIBRES IMPLANTEES ELECTROSTATIQUEMENT ET METHODE DE PRODUCTION CONNEXE**  
[72] TATSUMI, TERUYUKI, JP  
[71] SUMITOMO CORPORATION, JP  
[22] 2000-08-08  
[43] 2001-02-10  
[30] JP (11-226889) 1999-08-10

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[21] **2,315,547**  
[13] A1  
[51] **Int.Cl. 7H01Q 13/00 7G01R 29/10 7G01F 23/28**  
[25] EN  
[54] **ANTENNA**  
[54] **ANTENNE**  
[72] BURGER, STEFAN, DE  
[72] HARDELL, ALEXANDER, DE  
[71] ENDRESS + HAUSER GMBH + CO., DE  
[22] 2000-08-09  
[43] 2001-02-10  
[30] EP (99 11 5733.0) 1999-08-10

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[21] **2,315,551**  
[13] A1  
[51] **Int.Cl. 7F25C 1/24**  
[25] EN  
[54] **ICE CUBE TRAY AND DISPENSER**  
[54] **RESERVE A GLACONS ET DISTRIBUTRICE**  
[72] TABATABAIE, MEHDI, US  
[71] TOWLOU TRADE, INC., CA  
[22] 2000-08-01  
[43] 2001-02-06  
[30] US (09/369,504) 1999-08-06

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**4 février 2001 - 10 février 2001**

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[21] **2,315,553**  
[13] A1

[51] **Int.Cl. 7H04N 1/56 7G06T 15/50 7H04N 1/64**  
[25] EN  
[54] **PICTURE PROCESSING APPARATUS, PICTURE PROCESSING METHOD AND RECORDING MEDIUM**  
[54] **APPAREIL DE TRAITEMENT D'IMAGES, METHODE DE TRAITEMENT D'IMAGES ET SUPPORT D'ENREGISTREMENT**  
[72] OHKI, MITSU HARU, JP  
[72] YAMADA, RUI, JP  
[71] SONY CORPORATION, JP  
[22] 2000-08-09  
[43] 2001-02-10  
[30] JP (P11-226146) 1999-08-10

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[21] **2,315,554**  
[13] A1

[51] **Int.Cl. 7G08C 17/02 7G05B 15/00**  
[25] EN  
[54] **WIRELESS CEILING COMMUNICATION BUS SYSTEM**  
[54] **SYSTEME A BUS DE COMMUNICATION SANS FIL INSTALLE AU PLAFOND**  
[72] FRECSKA, SANDOR A., US  
[72] CRONIN, JOHN E., US  
[71] ARMSTRONG WORLD INDUSTRIES, INC., US  
[22] 2000-08-09  
[43] 2001-02-10  
[30] US (60/148,061) 1999-08-10

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[21] **2,315,559**  
[13] A1

[51] **Int.Cl. 7B65D 65/30**  
[25] EN  
[54] **SANDWICH WRAP AND METHOD OF UNWRAPPING A SANDWICH**  
[54] **ENVELOPPE A SANDWICH ET METHODE POUR DEVELOPPER UN SANDWICH**  
[72] WHITMORE, REBECCA E., US  
[72] BOWERS, DEBRA D., US  
[71] FORT JAMES CORPORATION, US  
[22] 2000-08-10  
[43] 2001-02-10  
[30] US (60/148,074) 1999-08-10

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[21] **2,315,571**  
[13] A1

[51] **Int.Cl. 7H04L 12/56**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONNECTION ADMISSION CONTROL IN CELL OR PACKET-BASED NETWORKS**  
[54] **METHODE ET APPAREIL DE CONTROLE D'ADMISSION DES CONNEXIONS DANS DES RESEAUX CELLULAIRES OU A COMMUTATION PAR PAQUETS**  
[72] DUAN, FENGCHUN, US  
[72] HUANG, JUN, CA  
[71] SPACEBRIDGE NETWORKS CORPORATION, CA  
[22] 2000-08-04  
[43] 2001-02-05  
[30] CA (2,279,652) 1999-08-05  
[30] US (09/435,553) 1999-11-08

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[21] **2,315,575**  
[13] A1

[51] **Int.Cl. 7B05C 11/06**  
[25] EN  
[54] **GAS WIPING APPARATUS AND METHOD**  
[54] **APPAREIL ET METHODE D'ESSUYAGE AVEC UN GAZ**  
[72] IIDA, SACHIHIRO, JP  
[72] TANOKUCHI, ICHIRO, JP  
[71] KAWASAKI STEEL CORPORATION, JP  
[22] 2000-08-04  
[43] 2001-02-06  
[30] JP (11-224081) 1999-08-06

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[21] **2,315,581**  
[13] A1

[51] **Int.Cl. 7H05K 5/00 7H02G 9/00**  
[25] EN  
[54] **PEDESTAL CLOSURE ASSEMBLY**  
[54] **BOITIER GENRE PYLONE**  
[72] DOLAN, LAWRENCE SANTO, US  
[72] POTOSNAK, THOMAS, US  
[72] LESCHINGER, MATTHEW, US  
[71] MARCONI COMMUNICATIONS, INC., US  
[22] 2000-08-04  
[43] 2001-02-04  
[30] US (09/366,982) 1999-08-04

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[21] **2,315,594**  
[13] A1

[51] **Int.Cl. 7A61K 31/7052 7A61P 31/00 7A61P 27/02 7A61K 9/08 7A61K 31/56**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF AQUEOUS FORMULATIONS FOR OPHTHALMIC USE**  
[54] **PROCESSUS DE PREPARATION DE FORMULATIONS AQUEUSES A USAGE OPHTHALMIQUE**  
[72] BLANCO, ANNA RITA, IT  
[72] ASERO, ANTONINO, IT  
[72] MOSCHETTI, VALERIA, IT  
[72] MAZZONE, MARIA GRAZIA, IT  
[71] S.I.F.I. SOCIETA' INDUSTRIA FARMACEUTICA ITALIANA S.P.A., IT  
[22] 2000-08-08  
[43] 2001-02-09  
[30] IT (MI99A 001803) 1999-08-09

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[21] **2,315,597**  
[13] A1

[51] **Int.Cl. 7A45C 11/00 7A01K 97/00**  
[25] EN  
[54] **SPORTS EQUIPMENT BAG**  
[54] **SAC DE MATERIEL SPORTIF**  
[72] MACKENZIE, SCOTT, US  
[71] MACKENZIE, SCOTT, US  
[22] 2000-08-04  
[43] 2001-02-06  
[30] US (09/369,695) 1999-08-06

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[21] **2,315,598**  
[13] A1

[51] **Int.Cl. 7H04L 12/16 7H04L 12/54**  
[25] EN  
[54] **METHOD AND APPARATUS FOR RECEIVING SERIALIZED PERSONALIZED MAILINGS FORMING A STORY OR GAME**  
[54] **METHODE ET APPAREIL DE RECEPTION D'ENVOIS PERSONNALISES SERIALISES CONSTITUANT UNE HISTOIRE OU UN JEU**  
[72] DAVENPORT, KERRY M., US  
[71] COMPETIVE ADVANTAGE, INC., US  
[22] 2000-08-04  
[43] 2001-02-04  
[30] US (60/147,105) 1999-08-04

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[21] **2,315,730**  
[13] A1  
[51] **Int.Cl. 7E21B 17/10**  
[25] EN  
[54] **CENTRALIZER FOR SUCKER  
ROD STRINGS**  
[54] **CENTREUR POUR COLONNES DE  
TIGES DE POMPAGE**  
[72] MILLS, ROBERT A. R., CA  
[71] KUDU INDUSTRIES INC., CA  
[22] 2000-08-04  
[43] 2001-02-06  
[30] US (09/369,704) 1999-08-06

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[21] **2,315,734**  
[13] A1  
[51] **Int.Cl. 7F21L 4/04 7F21V 33/00**  
[25] EN  
[54] **MULTI-FUNCTION MODULAR  
STORAGE LIGHT UNIT**  
[54] **DISPOSITIF D'ECLAIRAGE ET DE  
RANGEMENT MODULAIRE MULTI-  
FONCTIONS**  
[72] LEUNG, VINCENT, HK  
[72] BAMBER, DAVID, US  
[71] THE COLEMAN COMPANY, INC.,  
US  
[22] 2000-08-04  
[43] 2001-02-06  
[30] US (09/369,552) 1999-08-06

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[21] **2,315,743**  
[13] A1  
[51] **Int.Cl. 7A45C 3/00 7B25H 3/00**  
[25] EN  
[54] **TOOL BAG**  
[54] **SAC A OUTILS**  
[72] BROUARD, ROGER H., US  
[71] BROUARD, ROGER H., US  
[22] 2000-08-04  
[43] 2001-02-05  
[30] US (09/368,701) 1999-08-05

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[21] **2,315,831**  
[13] A1  
[51] **Int.Cl. 7B01J 20/04 7B01D 53/62**  
[25] EN  
[54] **CARBON DIOXIDE ADSORBENTS  
CONTAINING MAGNESIUM OXIDE  
SUITABLE FOR USE AT HIGH  
TEMPERATURES**  
[54] **ADSORBANTS POUR LE DIOXYDE  
DE CARBONE RENFERMANT DE  
L'OXYDE DE MAGNESIUM ET  
UTILISABLES AUX HAUTES  
TEMPERATURES**  
[72] WEIGEL, SCOTT JEFFREY, US  
[72] GAFFNEY, THOMAS RICHARD, US  
[72] BRZOWSKI, JEFFREY RICHARD,  
US  
[72] MAYORGA, STEVEN GERARD, US  
[71] AIR PRODUCTS AND CHEMICALS,  
INC., US  
[22] 2000-07-27  
[43] 2001-02-06  
[30] US (09/370,006) 1999-08-06

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[21] **2,315,844**  
[13] A1  
[51] **Int.Cl. 7B63H 23/10**  
[25] EN  
[54] **REPLACEABLE, REFLECTING  
KAYAK RUDDER SYSTEM WITH  
PEDAL AND TRIM ADJUSTING  
FEATURES**  
[54] **SYSTEME DE SAFRAN DE KAYAK  
AMOVIBLE ET ORIENTABLE AVEC  
PEDALE ET COMPENSATEUR**  
[72] RARD, ROY, US  
[71] CASCADE DESIGNS, INC., US  
[22] 2000-08-09  
[43] 2001-02-09  
[30] US (60/147,961) 1999-08-09  
[30] US (60/148,019) 1999-08-10  
[30] US (UNKNOWN) 2000-08-08

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[21] **2,315,852**  
[13] A1  
[51] **Int.Cl. 7G06F 3/12**  
[25] EN  
[54] **PRINT ENGINE SCHEDULER  
WITH CONFIGUREABLE TRAVERSER  
D'IMPRESSON A TRAVERSEUR  
CONFIGURABLE**  
[72] MCKELVEY, CURTIS R., US  
[72] PURVIS, LISA S., US  
[72] CONLEY, JOHN H., US  
[71] XEROX CORPORATION, US  
[22] 2000-08-09  
[43] 2001-02-10  
[30] US (09/371,039) 1999-08-10

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[21] **2,315,857**  
[13] A1  
[51] **Int.Cl. 7G06F 3/12**  
[25] EN  
[54] **POLICY DRIVEN PRINT ENGINE**  
[54] **MOTEUR D'IMPRESSON  
COMMANDE PAR POLITIQUE**  
[72] PURVIS, LISA S., US  
[72] LAROSA, CHRISTOPHER, US  
[71] XEROX CORPORATION, US  
[22] 2000-08-09  
[43] 2001-02-10  
[30] US (09/371,038) 1999-08-10

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[21] **2,315,858**  
[13] A1  
[51] **Int.Cl. 7G06F 3/12**  
[25] EN  
[54] **PRINT ENGINE SCHEDULING  
METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL  
D'ORDONNANCEMENT DE MOTEUR  
D'IMPRESSON**  
[72] PURVIS, LISA S., US  
[72] MCKELVEY, CURTIS R., US  
[72] LA ROSA, CHRISTOPHER, US  
[72] CONLEY, JOHN H., US  
[71] XEROX CORPORATION, US  
[22] 2000-08-09  
[43] 2001-02-10  
[30] US (09/370,891) 1999-08-10

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[21] **2,315,860**  
[13] A1  
[51] **Int.Cl. 7B28B 21/52 7B28B 3/20**  
[25] EN  
[54] **PROCESS AND DIE FOR MAKING  
CLOSED-END CERAMIC TUBES**  
[54] **PROCEDE ET MATRICE POUR  
FABRIQUER DES TUBES EN  
CERAMIQUE FERMEES A UNE  
EXTREMITE**  
[72] CORPUS, JOEY MICHAEL, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 2000-08-09  
[43] 2001-02-10  
[30] US (60/147,818) 1999-08-10  
[30] US (09/597,250) 2000-06-20

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**4 février 2001 - 10 février 2001**

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[21] **2,315,947**  
[13] A1

[51] **Int.Cl. 7G01M 17/02 7B60C 11/00**  
[25] FR  
[54] **MESURE D'ADHERENCE ENTRE UNE ROUE DE VEHICULE ET LA CHAUSSEE**  
[54] **MEASUREMENT OF ADHERENCE BETWEEN A VEHICLE WHEEL AND THE ROADWAY**  
[72] TRAVERT, PIERRICK, FR  
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH  
[22] 2000-08-08  
[43] 2001-02-10  
[30] FR (99 10 422) 1999-08-10  
[30] FR (99 16 835) 1999-12-31

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[21] **2,315,948**  
[13] A1

[51] **Int.Cl. 7F17D 3/03 7B65G 51/00 7F17D 1/04**  
[25] FR  
[54] **PROCEDE DE TRANSPORT DE NAPHTA DANS UN OLEODUC DE PETROLE BRUT**  
[54] **PROCESS FOR TRANSPORTING NAPHTHA IN A CRUDE OIL PIPELINE**  
[72] JAUBERT, JEAN-MARC, FR  
[72] NIKLAUS, ALAIN, FR  
[71] ATOFINA, FR  
[22] 2000-08-08  
[43] 2001-02-09  
[30] FR (99 10 322) 1999-08-09

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[21] **2,315,965**  
[13] A1

[51] **Int.Cl. 7B60R 21/04**  
[25] EN  
[54] **VEHICLE INTERIOR MATERIAL**  
[54] **MATERIAU D'INTERIEUR DE VEHICULE**  
[72] NAKATANI, KAZUSHI, JP  
[72] ISHII, MIWA, JP  
[72] ADACHI, NAGAYOSHI, JP  
[72] MEKATA, TETSUO, JP  
[71] KANEKA CORPORATION, JP  
[22] 2000-08-08  
[43] 2001-02-09  
[30] JP (H11-225572) 1999-08-09

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[21] **2,316,019**  
[13] A1

[51] **Int.Cl. 7B41F 13/34**  
[25] EN  
[54] **PRINTING UNIT**  
[54] **GROUPE D'IMPRESSION**  
[72] GOTTLING, JOSEF, DE  
[72] DAUER, HORST, DE  
[72] PETERSEN, GODBER, DE  
[71] MAN ROLAND DRUCKMASCHINEN AG, DE  
[22] 2000-08-10  
[43] 2001-02-10  
[30] DE (199 37 795.2) 1999-08-10

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[21] **2,316,020**  
[13] A1

[51] **Int.Cl. 7B41F 13/34**  
[25] EN  
[54] **PRINTING UNIT**  
[54] **GROUPE D'IMPRESSION**  
[72] DILLING, PEER, DE  
[72] GOTTLING, JOSEF, DE  
[72] PETERSEN, GODBER, DE  
[72] DAUER, HORST, DE  
[71] MAN ROLAND DRUCKMASCHINEN AG, DE  
[22] 2000-08-10  
[43] 2001-02-10  
[30] DE (199 37 803.7) 1999-08-10

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[21] **2,316,090**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G07F 19/00 7H04L 12/16**  
[25] EN  
[54] **ELECTRONIC CHEQUE PROCESSING SYSTEM**  
[54] **SYSTEME ELECTRONIQUE DE TRAITEMENT DES CHEQUES**  
[72] AKISTER, JIM, CA  
[72] NEWMAN, DOUGLAS, CA  
[72] LANT, DAVID, CA  
[72] PAVLIK, PATRICK, CA  
[72] FORDE, PETER, CA  
[72] HEIT, GRAHAM, CA  
[71] RDM CORPORATION, CA  
[22] 2000-08-07  
[43] 2001-02-06  
[30] CA (2,279,741) 1999-08-06

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[21] **2,316,097**  
[13] A1

[51] **Int.Cl. 7B41F 13/34**  
[25] EN  
[54] **PRINTING UNIT**  
[54] **GROUPE D'IMPRESSION**  
[72] DAUER, HORST, DE  
[72] GOTTLING, JOSEF, DE  
[71] MAN ROLAND DRUCKMASCHINEN AG, DE  
[22] 2000-08-10  
[43] 2001-02-10  
[30] DE (199 37 796.0) 1999-08-10

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[21] **2,316,099**  
[13] A1

[51] **Int.Cl. 7B41F 13/34**  
[25] EN  
[54] **PRINTING UNIT FOR A WEB FED ROTARY PRINTING MACHINE**  
[54] **GROUPE D'IMPRESSION POUR MACHINE D'IMPRESSION ROTATIVE A BOBINES**  
[72] PETERSEN, GODBER, DE  
[72] DAUER, HORST, DE  
[72] GOTTLING, JOSEF, DE  
[71] MAN ROLAND DRUCKMASCHINEN AG, DE  
[22] 2000-08-10  
[43] 2001-02-10  
[30] DE (199 37 805.3) 1999-08-10

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[21] **2,316,625**  
[13] A1

[51] **Int.Cl. 7B07B 1/42**  
[25] EN  
[54] **ROLLER SCREEN GAPPING SYSTEM**  
[54] **SYSTEME D'ESPACEMENT DE ROULEAUX DE TAMIS**  
[72] TIRSCHLER, EHRENFRIED A., CA  
[72] TIRSCHLER, EHRENFRIED A., CA  
[71] TIRSCHLER, EHRENFRIED A., CA  
[22] 2000-08-02  
[43] 2001-02-04  
[30] US (60/147,144) 1999-08-04

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[21] **2,316,670**  
[13] A1  
[51] **Int.Cl. 7F41A 17/00**  
[25] FR  
[54] **ARME A FEU POUR VUE D'UN SYSTEME D'AUTORISATION**  
[54] **FIREARM WITH AUTHORIZATION SYSTEM**  
[72] GERING, ARMAND, BE  
[71] "FN HERSTAL", S.A., BE  
[22] 2000-08-04  
[43] 2001-02-06  
[30] BE (9900540) 1999-08-06

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[21] **2,316,673**  
[13] A1  
[51] **Int.Cl. 7B65D 83/76**  
[25] FR  
[54] **POMPE A MEMBRANE POUR RECIPIENT**  
[54] **DIAPHRAGM PUMP FOR RECEPACLE**  
[72] BONNINGUE, PHILIPPE, FR  
[71] L'OREAL, FR  
[22] 2000-08-04  
[43] 2001-02-06  
[30] FR (99 10 272) 1999-08-06

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[21] **2,316,740**  
[13] A1  
[51] **Int.Cl. 7F41A 17/00**  
[25] FR  
[54] **ARME AVEC SYSTEME D'AUTORISATION DE TIR**  
[54] **FIREARM WITH FIRING AUTHORIZATION SYSTEM**  
[72] GERING, ARMAND, BE  
[71] "FN HERSTAL", S.A., BE  
[22] 2000-08-02  
[43] 2001-02-06  
[30] BE (9900539) 1999-08-06

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[21] **2,316,742**  
[13] A1  
[51] **Int.Cl. 7B01D 69/10**  
[25] FR  
[54] **MEMBRANE POUR FILTRATION TANGENTIELLE ET SON PROCEDE DE FABRICATION**  
[54] **MEMBRANE FOR TANGENTIAL FILTRATION AND MANUFACTURING PROCESS THEREOF**  
[72] RUSCHEL, BERND, DE  
[72] GRANGEON, ANDRE, FR  
[72] LESCOCHE, PHILIPPE, FR  
[72] FLEISCHMANN, THOMAS, DE  
[71] TECHNOLOGIES AVANCEES & MEMBRANES INDUSTRIELLES, FR  
[22] 2000-08-03  
[43] 2001-02-04  
[30] FR (99 10 294) 1999-08-04

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[21] **2,317,096**  
[13] A1  
[51] **Int.Cl. 7E01H 1/04**  
[25] EN  
[54] **MECHANICAL SURFACE CLEANING VEHICLE FOR FINE PARTICULATE REMOVAL**  
[54] **VEHICULE DE NETTOYAGE DE SURFACE MECANIQUE POUR L'ENLEVEMENT DE PARTICULES FINES**  
[72] VANDERLINDEN, ROGER P., CA  
[71] VANDERLINDEN, ROGER P., CA  
[22] 2000-08-10  
[43] 2001-02-10  
[30] US (09/371,530) 1999-08-10

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[21] **2,317,098**  
[13] A1  
[51] **Int.Cl. 7E01H 1/04**  
[25] EN  
[54] **COMPACT UTILITY TYPE SURFACE CLEANING VEHICLE**  
[54] **VEHICULE DE NETTOYAGE DE SURFACE COMPACT DE TYPE POLYVALENT**  
[72] VANDERLINDEN, ROGER P., CA  
[71] VANDERLINDEN, ROGER P., CA  
[22] 2000-08-10  
[43] 2001-02-10  
[30] US (09/370,877) 1999-08-10

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[21] **2,317,100**  
[13] A1  
[51] **Int.Cl. 7E01H 1/04**  
[25] EN  
[54] **SURFACE CLEANING VEHICLE WITH HIGH AIR EFFICIENCY**  
[54] **VEHICULE DE NETTOYAGE DE SURFACE A PUISSANT JET D'AIR**  
[72] VANDERLINDEN, ROGER P., CA  
[71] VANDERLINDEN, ROGER P., CA  
[22] 2000-08-10  
[43] 2001-02-10  
[30] US (09/370,870) 1999-08-10

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[21] **2,322,093**  
[13] A1  
[51] **Int.Cl. 7C08G 18/32**  
[25] EN  
[54] **SOFT, TRANSPARENT AND PROCESSABLE THERMOPLASTIC POLYURETHANE**  
[54] **POLYURETHANE THERMOPLASTIQUE, SOUPLE, TRANSPARENT ET TRANSFORMABLE**  
[72] CHAN, JACK C., US  
[72] MASON, ARTHUR W., US  
[72] GRACIK, CHARLES S., US  
[72] MANNING, STEVEN C., US  
[71] BAYER CORPORATION, US  
[22] 2000-10-02  
[43] 2001-02-10  
[30] US (09/415,341) 1999-08-10

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[21] **2,318,761**

[13] A1

[51] Int.Cl. 7C07C 69/82 7C07C 67/03  
7C08G 63/183 7C07C 67/52 7C08G 63/82

[25] EN

[54] **BIS-BETA-HYDROXYETHYL  
TEREPHTHALATE PRODUCTION  
PROCESS AND PURIFICATION  
PROCESS**

[54] **PROCEDE DE FABRICATION ET  
DE PURIFICATION DU BIS-BETA-  
HYDROXYETHYLE TEREPHTALATE**

[72] INADA, SHUJI, JP

[72] SATO, KIKUCHI, JP

[71] AIES CO., LTD., JP

[85] 2000-07-25

[86] 1999-12-24 (PCT/JP99/07284)

[87] 2001-02-04 ()

[30] JP (11-220804) 1999-08-04

[30] JP (11-222663) 1999-08-05

[30] JP (11-222664) 1999-08-05

[30] JP (11-226033) 1999-08-10

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[21] **2,323,789**

[13] A1

[51] Int.Cl. 7C12N 15/82 7A01H 5/00  
7C12N 5/04 7C12N 15/29

[25] EN

[54] **EXPRESSION OF ALFIN1 AND  
METHODS FOR PRODUCING  
TRANSGENIC PLANTS HAVING  
INCREASED ROOT GROWTH AND  
ROOT SPECIFIC GENE ACTIVATION**  
[54] **EXPRESSION DU GENE ALFIN1 ET  
PROCEDES DE PRODUCTION DE  
PLANTES TRANSGENIQUES  
PRESENTANT UNE CROISSANCE  
ACCURUE DES RACINES ET UNE  
ACTIVATION ACCURUE DES GENES  
SPECIFIQUES DES RACINES**

[72] WINICOV, ILGA, US

[71] ARIZONA BOARD OF REGENTS,  
ACTING ON BEHALF OF ARIZONA  
STATE UNIVERSITY, US

[85] 2000-09-21

[86] 1999-04-08 (PCT/US99/07902)

[87] 1999-10-21 (WO99/53016)

[30] US (60/081,348) 1998-04-09

[30] US (60/128,083) 1999-04-07

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[21] **2,326,233**

[13] A1

[51] Int.Cl. 6C12N 15/12 6A61K 38/17  
6C07K 16/28 6C12Q 1/68 6C07K 14/705

[25] EN

[54] **DELAYED RECTIFIER  
POTASSIUM CHANNEL SUBUNIT  
A REDRESSEUR RETARD**

[72] PATTERSON, CHANDRA, US

[72] HILLMAN, JENNIFER L., US

[72] CORLEY, NEIL C., US

[71] INCYTE PHARMACEUTICALS, INC.,  
US

[85] 2000-10-25

[86] 1999-04-19 (PCT/US99/08593)

[87] 1999-11-04 (WO99/55867)

[30] US (09/069,896) 1998-04-29

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[21] **2,326,599**

[13] A1

[51] Int.Cl. 7F23G 5/027 7F23G 5/04

[25] EN

[54] **MULTIFUNCTIONAL DISPOSAL  
APPARATUS**

[54] **DISPOSITIF DE MISE AU REBUT  
MULTIFONCTIONNELLE**

[72] MAEJIMA, TAKASHI, JP

[72] MAEJIMA, FUMIO, JP

[71] MAEJIMA, TAKASHI, JP

[71] MAEJIMA, FUMIO, JP

[85] 2000-09-29

[86] 2000-06-16 (PCT/JP00/03934)

[87] 2001-02-06 ()

[30] JP (11-223970) 1999-08-06

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[21] **2,326,699**

[13] A1

[51] Int.Cl. 7C12N 15/38 7C07K 14/04  
7C12N 5/06 7C07K 16/08 7C12N 7/08  
7C12P 21/08 7A61K 39/25 7C12Q 1/68  
7C12Q 1/70

[25] EN

[54] **ATTENUATED CHICKEN-POX  
VIRUS OKA STRAIN GENE 62 AND  
METHOD FOR IDENTIFYING VIRUS  
STRAIN FOR ATTENUATED LIVE  
CHICKEN-POX VACCINE BY USING  
THE GENE**

[54] **GENE 62 DE LA SOUCHE OKA DU  
VIRUS DE LA VARICELLE ATTENUÉ  
ET PROCEDE D'IDENTIFICATION DE  
LA SOUCHE DU VIRUS POUR LE  
VACCIN DE LA VARICELLE VIVANT  
ATTENUÉ A L'AIDE DE CE GENE**

[72] IMAGAWA, TADASHI, JP

[72] TAKAHASHI, MICHIAKI, JP

[72] OSAME, JUICHIRO, JP

[72] YAMANISHI, KOICHI, JP

[72] GOMI, YASUYUKI, JP

[71] THE RESEARCH FOUNDATION FOR  
MICROBIAL DISEASES OF OSAKA  
UNIVERSITY, JP

[85] 2000-10-24

[86] 1999-10-05 (PCT/JP99/05476)

[87] 2000-08-31 (WO00/50603)

[30] JP (11/48964) 1999-02-25

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[21] **2,326,700**  
[13] A1

[51] **Int.Cl. 6C12N 15/81 6C12N 1/19 6C12Q 1/37 6C07K 16/40 6C12N 15/57**  
[25] EN  
[54] **ENZYMATICALLY-ACTIVE RECOMBINANT HUMAN .BETA.-TRYPTASE AND METHOD OF MAKING SAME**  
[54] **.BETA.-TRYPTASE HUMAINE DE RECOMBINAISON ACTIVE DU POINT DE VUE ENZYMATIQUE ET PROCEDE DE PRODUCTION**  
[72] MAFFITT, MARK A., US  
[72] NILES, ANDREW L., US  
[72] HAAK-FRENDSCHO, MARY, US  
[71] PROMEGA CORPORATION, US  
[85] 2000-10-25  
[86] 1998-10-29 (PCT/US98/22994)  
[87] 1999-11-25 (WO99/60139)  
[30] US (09/079,970) 1998-05-15

[21] **2,326,819**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6C12N 5/10**  
[25] EN  
[54] **DELIVERY OF THERAPEUTIC PROTEINS VIA IMPLANTATION OF GENETICALLY MODIFIED CELLS IN THE OMENTUM**  
[54] **APPORT DE PROTEINES THERAPEUTIQUES PAR IMPLANTATION DE CELLULES GENETIQUEMENT MODIFIEES DANS L'EPIPLOON**  
[72] TRECO, DOUGLAS A., US  
[72] LAMSA, JUSTIN CHASE, US  
[71] TRANSKARYOTIC THERAPIES, INC., US  
[85] 2000-10-24  
[86] 1999-04-16 (PCT/US99/08266)  
[87] 1999-11-04 (WO99/55866)  
[30] US (60/082,982) 1998-04-24

[21] **2,326,820**  
[13] A1

[51] **Int.Cl. 6C12N 15/31 6C07K 16/12 6A61K 38/16 6C12N 1/21 6C07K 14/22 6A61K 39/40 6G01N 33/569**  
[25] EN  
[54] **POLYPEPTIDES FROM MORAXELLA (BRANHAMELLA) CATARRHALIS**  
[54] **POLYPEPTIDES ISOLES A PARTIR DE MORAXELLA (BRANHAMELLA) CATARRHALIS**  
[72] RUELLE, JEAN-LOUIS, BE  
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE  
[85] 2000-10-20  
[86] 1999-04-20 (PCT/EP99/02764)  
[87] 1999-11-04 (WO99/55871)  
[30] GB (9808720.8) 1998-04-23

[21] **2,326,821**  
[13] A1

[51] **Int.Cl. 6A61K 39/02 6C12N 1/00 6C12P 19/04 6C12N 5/10 6C12N 9/10 6C12N 1/15 6C12N 15/54 6C12N 15/63 6C12Q 1/68**  
[25] EN  
[54] **NUCLEIC ACID ENCODING HYALURONAN SYNTHASE AND METHODS OF USE**  
[54] **ACIDE NUCLEIQUE CODANT UNE HYALURONAN SYNTHASE ET SES METHODES D'UTILISATION**  
[72] DEANGELIS, PAUL, US  
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA, US  
[85] 2000-10-02  
[86] 1999-04-01 (PCT/US99/07289)  
[87] 1999-10-14 (WO99/51265)  
[30] US (60/080,414) 1998-04-02  
[30] US (09/178,851) 1998-10-26

[21] **2,326,823**  
[13] A1

[51] **Int.Cl. 7C12N 9/00**  
[25] EN  
[54] **NUCLEIC ACID MOLECULES WITH NOVEL CHEMICAL COMPOSITIONS CAPABLE OF MODULATING GENE EXPRESSION**  
[54] **MOLECULES D'ACIDES NUCLEIQUES PRESENTANT DE NOUVELLES COMPOSITIONS CHIMIQUES CAPABLES DE MODULER L'EXPRESSION GENIQUE**  
[72] MATULIC-ADAMIC, JASENKA, US  
[72] HAEBERLI, PETER, US  
[72] WOLF, TOD, US  
[72] THOMPSON, JAMES D., US  
[72] BELLON, LAURENT, US  
[72] BEIGELMAN, LEONID, US  
[72] KARPEISKY, ALEXANDER, US  
[72] MCSWIGGEN, JAMES A., US  
[72] JARVIS, THALE, US  
[72] REYNOLDS, MARK, US  
[72] ZWICK, MICHAEL, US  
[71] RIBOZYME PHARMACEUTICALS, INC., US  
[85] 2000-10-19  
[86] 1999-04-19 (PCT/US99/08547)  
[87] 1999-10-28 (WO99/54459)  
[30] US (60/082,404) 1998-04-20  
[30] US (09/103,636) 1998-06-23

[21] **2,326,824**  
[13] A1

[51] **Int.Cl. 6C12N 15/11 6C07H 21/00 6A61K 31/70**  
[25] EN  
[54] **NEUROFILIN ANTISENSE OLIGONUCLEOTIDE SEQUENCES AND METHODS OF USING SAME TO MODULATE CELL GROWTH**  
[54] **SEQUENCES D'OLIGONUCLEOTIDES ANTISENS COMPLEMENTAIRES DE LA NEUROFILINE ET LEURS PROCEDES D'UTILISATION POUR LA MODULATION DE LA CROISSANCE CELLULAIRE**  
[72] LEE, YOON S., CA  
[72] WRIGHT, JIM A., CA  
[72] YOUNG, AIPING H., CA  
[71] GENESENSE TECHNOLOGIES INC., CA  
[85] 2000-10-23  
[86] 1999-04-23 (PCT/CA99/00324)  
[87] 1999-11-04 (WO99/55855)  
[30] US (60/082,791) 1998-04-23

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[21] **2,326,825**  
[13] A1

[51] **Int.Cl. 6C12N 15/11 6C07H 21/00 6A61K 31/70**  
[25] EN  
[54] **INSULIN-LIKE GROWTH FACTOR II ANTISENSE OLIGONUCLEOTIDE SEQUENCES AND METHODS OF USING SAME TO MODULATE CELL GROWTH**  
[54] **SEQUENCES D'OLIGONUCLEOTIDES ANTISENS COMPLEMENTAIRES DU FACTEUR DE CROISSANCE INSULINOIDE II ET LEURS PROCEDES D'UTILISATION POUR LA MODULATION DE LA CROISSANCE CELLULAIRE**  
[72] WRIGHT, JIM A., CA  
[72] LEE, YOON S., CA  
[72] YOUNG, AIPING H., CA  
[71] GENESENSE TECHNOLOGIES INC., CA  
[85] 2000-10-23  
[86] 1999-04-23 (PCT/CA99/00323)  
[87] 1999-11-04 (WO99/55854)  
[30] US (60/082,791) 1998-04-23

[21] **2,326,827**  
[13] A1

[51] **Int.Cl. 6C07H 21/04 6C12N 15/00 6C12Q 1/02 6C12Q 1/68**  
[25] EN  
[54] **A PROCESS TO STUDY CHANGES IN GENE EXPRESSION IN T LYMPHOCYTES**  
[54] **PROCEDE POUR ETUDIER DES MODIFICATIONS DE L'EXPRESSION GENIQUE DANS DES LYMPHOCYTES T**  
[72] PRASHAR, YATINDRA, US  
[72] WEISSMAN, SHERMAN, US  
[71] GENE LOGIC, INC., US  
[85] 2000-10-26  
[86] 1999-05-05 (PCT/US99/09761)  
[87] 1999-11-11 (WO99/57130)  
[30] US (60/084,329) 1998-05-05

[21] **2,327,176**  
[13] A1

[51] **Int.Cl. 6C12N 5/10 6C12N 9/12 6C12N 15/12 6C07K 14/47 6G01N 33/50 6C12N 15/54 6C12N 15/85**  
[25] EN  
[54] **METHODS FOR MODULATING DIFFERENTIATION**  
[54] **TECHNIQUES PERMETTANT DE MODULER LA DIFFERENTIATION**  
[72] THAYER, MATTHEW J., US  
[72] HOEKSTRA, MERL F., US  
[71] OREGON HEALTH SCIENCES UNIVERSITY, US  
[71] ICOS CORPORATION, US  
[85] 2000-10-26  
[86] 1999-04-27 (PCT/US99/09102)  
[87] 1999-11-04 (WO99/55844)  
[30] US (09/067,284) 1998-04-27

[21] **2,327,178**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 38/17 6C07K 16/18 6C07K 14/465 6C12N 15/86**  
[25] EN  
[54] **HOST-ENCODED PROTEIN EXPRESSED ON MAREK'S DISEASE (MDV)-INFECTED CELLS AND ANTIBODY THERETO**  
[54] **PROTEINE CODEE PAR L'HOTE EXPRIMEE DANS DES CELLULES INFECTEES PAR LE VIRUS DE LA MALADIE DE MAREK (MDV) ET ANTICORPS DIRIGE CONTRE CELLE-CI**  
[72] DAVISON, THORNTON FREDERICK, GB  
[72] BURGESS, SHANE CAMPBELL, GB  
[72] ROSS, LOUIS JOSEPH NORMAN, GB  
[71] INSTITUTE FOR ANIMAL HEALTH LIMITED, GB  
[85] 2000-10-26  
[86] 1999-03-22 (PCT/GB99/01238)  
[87] 1999-11-04 (WO99/55860)  
[30] GB (9809070.7) 1998-04-29

[21] **2,327,260**  
[13] A1

[51] **Int.Cl. 7A61K 38/17 7A61P 3/00 7A61K 39/395**  
[25] EN  
[54] **METHODS OF MODULATING LIPID METABOLISM AND STORAGE**  
[54] **METHODES DE MODULATION DU METABOLISME ET DU STOCKAGE LIPIDIQUES**  
[72] BURKLY, LINDA, US  
[72] WANG, LI CHUN, US  
[71] BIOGEN, INC., US  
[85] 2000-11-02  
[86] 2000-03-03 (PCT/US00/05662)  
[87] 2000-09-08 (WO00/51628)  
[30] US (60/122,640) 1999-03-03  
[30] US (60/124,446) 1999-03-15

[21] **2,327,264**  
[13] A1

[51] **Int.Cl. 6C07K 14/36 6C12P 21/02 6C12N 15/31**  
[25] EN  
[54] **POLYPEPTIDE HAVING ANTIHUMAN IMMUNODEFICIENCY VIRUS ACTIVITY, GENE ENCODING THE POLYPEPTIDE AND PROCESS FOR PRODUCING THE POLYPEPTIDE**  
[54] **POLYPEPTIDE EXERCANT UNE ACTION CONTRE LE VIRUS DE L'IMMUNODEFICIENCE HUMAINE, GENE CODANT POUR CE POLYPEPTIDE, ET PROCEDE DE PRODUCTION DE CE POLYPEPTIDE**  
[72] OHMURA, SATOSHI, JP  
[72] TANAKA, HARUO, JP  
[71] GAKKOU HOUJIN KITASATO GAKUSEN, JP  
[71] JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE, JP  
[85] 2000-11-03  
[86] 1999-09-22 (PCT/JP99/05199)  
[87] 2000-08-09 (WO00/52043)  
[30] JP (11/56960) 1999-03-04  
[30] JP (11/58434) 1999-03-05

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[21] **2,327,265**  
[13] A1  
[51] **Int.Cl. 6C12N 15/82 6C07K 14/415**  
[25] EN  
[54] **ZEA MAYS PHOSPHATE TRANSPORTER GENES AND USES THEREOF**  
[54] **GENES TRANSPORTEURS DE PHOSPHATE DE ZEA MAYS**  
[72] ZHAO, SULING, US  
[72] MCELVER, JOHN A., US  
[72] BOWEN, BENJAMIN A., US  
[72] WANG, XUN, US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[85] 2000-11-07  
[86] 1999-05-11 (PCT/US99/10374)  
[87] 1999-11-18 (WO99/58657)  
[30] US (60/085,292) 1998-05-13

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[21] **2,327,266**  
[13] A1  
[51] **Int.Cl. 6C12N 15/32 6A01N 63/00 6C07K 14/325**  
[25] EN  
[54] **PESTICIDAL TOXINS AND NUCLEOTIDE SEQUENCES WHICH ENCODE THESE TOXINS**  
[54] **TOXINES PESTICIDES ET SEQUENCES NUCLEOTIDIQUES CODANT POUR CES TOXINES**  
[72] STAMP, LISA, US  
[72] MULLER-COHN, JUDY, US  
[72] SCHMEITS, JAMES, US  
[72] SCHNEPF, H. ERNEST, US  
[72] DULLUM, CHARLES JOSEPH, US  
[72] LOEWER, DAVID, US  
[72] FEITELSON, JERALD S., US  
[72] MORRILL, GEORGE, US  
[72] FINSTAD-LEE, STACEY, US  
[72] STOCKHOFF, BRIAN A., US  
[72] NARVA, KENNETH E., US  
[71] MYCOGEN CORPORATION, US  
[85] 2000-10-30  
[86] 1999-05-06 (PCT/US99/09997)  
[87] 1999-11-11 (WO99/57282)  
[30] US (09/073,898) 1998-05-06

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[21] **2,327,314**  
[13] A1  
[51] **Int.Cl. 6C12N 15/12 6C07K 19/00 6C07K 14/725 6C07K 14/82**  
[25] EN  
[54] **SOLUBLE T CELL RECEPTOR**  
[54] **RECEPTEUR DE LYMPHOCYTE T SOLUBLE**  
[72] BOULTER, JONATHAN MICHAEL, GB  
[72] WILLCOX, BENJAMIN ERNEST, GB  
[72] GAO, GEORGE FU, GB  
[72] BELL, JOHN IRVING, GB  
[72] JAKOBSEN, BENT KARSTEN, GB  
[71] AVIDEX LIMITED, GB  
[85] 2000-11-01  
[86] 1999-05-19 (PCT/GB99/01588)  
[87] 1999-11-25 (WO99/60120)  
[30] GB (9810759.2) 1998-05-19  
[30] GB (9821129.5) 1998-09-29

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[21] **2,327,316**  
[13] A1  
[51] **Int.Cl. 6C12N 15/31 6A61K 39/02 6C07K 16/12 6C07K 14/21 6A61K 39/40 6G01N 33/50 6C12N 15/62**  
[25] EN  
[54] **BASB019 PROTEINS AND GENES FROM MORAXELLA CATARRHALIS, ANTIGENS, ANTIBODIES, AND USES**  
[54] **PROTEINES BASB019 ET GENES ISSUS DE MOXARELLA CATARRHALIS, ANTIGENES, ANTICORPS ET UTILISATION DE CES DERNIERS**  
[72] RUELLE, JEAN-LOUIS, BE  
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE  
[85] 2000-11-06  
[86] 1999-05-03 (PCT/EP99/03038)  
[87] 1999-11-11 (WO99/57277)  
[30] GB (9809683.7) 1998-05-06

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[21] **2,327,317**  
[13] A1  
[51] **Int.Cl. 6C12N 15/12 6C12N 15/18 6C12N 15/19**  
[25] EN  
[54] **POLYNUCLEOTIDES ISOLATED FROM SKIN CELLS AND METHODS FOR THEIR USE**  
[54] **POLYNUCLEOTIDES ISOLES DE CELLULES DE LA PEAU ET LEURS PROCEDES D'UTILISATION**  
[72] WATSON, JAMES DOUGLAS, NZ  
[72] SLEEMAN, MATTHEW, NZ  
[72] STRACHAN, LORNA, NZ  
[72] KUMBLE, ANAND, NZ  
[72] MURISON, JAMES GREG, NZ  
[72] ONRUST, RENE, NZ  
[71] GENESIS RESEARCH AND DEVELOPMENT CORPORATION LIMITED, GB  
[85] 2000-10-30  
[86] 1999-04-29 (PCT/NZ99/00051)  
[87] 1999-11-04 (WO99/55865)  
[30] US (09/069,726) 1998-04-29  
[30] US (09/188,930) 1998-11-09

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[21] **2,327,381**  
[13] A1  
[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6C07K 14/47**  
[25] EN  
[54] **HUMAN PROTEINS HAVING TRANSMEMBRANE DOMAINS AND DNAs ENCODING THESE PROTEINS**  
[54] **PROTEINES HUMAINES COMPORTANT DES DOMAINES TRANSMEMBRANAIRES ET SEQUENCES D'ADN CODANT CES PROTEINES**  
[72] KIMURA, TOMOKO, JP  
[72] KATO, SEISHI, JP  
[71] SAGAMI CHEMICAL RESEARCH CENTER, JP  
[71] PROTEGENE INC., JP  
[85] 2000-10-27  
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[87] 1999-11-04 (WO99/55862)  
[30] JP (10/119395) 1998-04-28

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[21] **2,327,382**  
[13] A1

[51] **Int.Cl. 6A61K 38/18**  
[25] EN  
[54] **NEOVASCULARIZATION INHIBITORS**  
[54] **INHIBITEURS DE NEOVASCULARISATION**  
[72] NAKAMURA, TOSHIKAZU, JP  
[71] NAKAMURA, TOSHIKAZU, JP  
[85] 2000-10-30  
[86] 1999-04-06 (PCT/JP99/01834)  
[87] 1999-11-04 (WO99/55361)  
[30] JP (10/134681) 1998-04-28

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[21] **2,327,386**  
[13] A1

[51] **Int.Cl. 6A61K 31/44**  
[25] EN  
[54] **INHIBITION OF PROTEIN KINASES WITH PIRIDINYLMIDAZOLES**  
[54] **INHIBITION DE PROTEINE KINASES AVEC PYRIDINYLMIDAZOLES**  
[72] EYERS, PATRICK ALEXANDER, GB  
[72] COHEN, PHILIP, GB  
[72] GOEDERT, MICHEL, GB  
[71] SMITHKLINE BEECHAM PLC, GB  
[85] 2000-11-07  
[86] 1999-05-04 (PCT/GB99/01385)  
[87] 1999-11-18 (WO99/58128)  
[30] GB (9809869.2) 1998-05-09

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[21] **2,327,387**  
[13] A1

[51] **Int.Cl. 6C12N 15/00**  
[25] EN  
[54] **CYTOTOXIN-BASED BIOLOGICAL CONTAINMENT**  
[54] **CONFINEMENT BIOLOGIQUE A BASE DE CYTOTOXINE**  
[72] GOTFREDSEN, MARIE, DK  
[72] GERDES, KENN, DK  
[72] GRONLUND, HUGO, DK  
[72] KRISTOFFERSEN, PETER, DK  
[72] PEDERSEN, KIM, DK  
[71] GX BIOSYSTEMS A/S, DK  
[85] 2000-11-07  
[86] 1999-05-07 (PCT/DK99/00258)  
[87] 1999-11-08 (WO99/58652)  
[30] DK (0627/98) 1998-05-07  
[30] US (60/085,067) 1998-05-12

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[21] **2,327,439**  
[13] A1

[51] **Int.Cl. 6A61K 31/505 6A61K 31/385 6A61K 39/39 6A61K 39/395**  
[25] EN  
[54] **COMBINATION THERAPY FOR THE TREATMENT OF TUMORS**  
[54] **THERAPIE COMBINEE POUR LE TRAITEMENT DE TUMEURS**  
[72] GEVAS, PHILIP C., US  
[72] MICHAELI, DOV, US  
[72] GRIMES, STEPHEN, US  
[72] WATSON, SUSAN A., GB  
[72] KARR, STEPHEN L., US  
[71] APHTON CORPORATION, US  
[85] 2000-11-06  
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[87] 1999-11-25 (WO99/59628)  
[30] US (60/085,687) 1998-05-15

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[21] **2,327,444**  
[13] A1

[51] **Int.Cl. 6C12N 15/86**  
[25] EN  
[54] **CONSTRUCTION OF RETROVIRAL PRODUCER CELLS FROM ADENOVIRAL AND RETROVIRAL VECTORS**  
[54] **ELABORATION DE CELLULES PRODUCTRICES RETROVIRALES A PARTIR DE VECTEURS ADENOVIRAUX ET RETROVIRAUX**  
[72] TANG, JORDAN, J. N., US  
[72] LIN, XINLI, US  
[71] OKLAHOMA MEDICAL RESEARCH FOUNDATION, US  
[85] 2000-10-30  
[86] 1999-04-29 (PCT/US99/09273)  
[87] 1999-11-04 (WO99/55894)  
[30] US (60/083,511) 1998-04-29

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[21] **2,327,456**  
[13] A1

[51] **Int.Cl. 6C12N 15/31 6A61K 39/00 6C07K 16/14 6C07K 14/37**  
[25] EN  
[54] **NUCLEIC ACIDS OF THE M ANTIGEN GENE OF HISTOPLASMA CAPSULATUM, ANTIGENS, VACCINES AND ANTIBODIES, METHODS AND KITS FOR DETECTING HISTOPLASMOSES**  
[54] **ACIDES NUCLEIQUES DU GENE DE L'ANTIGENE M D'HISTOPLASMA CAPSULATUM, ANTIGENES, VACCINS, ANTICORPS, PROCEDES ET TROUSSES SERVANT A DETECTER L'HISTOPLASMOSE**  
[72] ZANCOPE-OLIVEIRA, ROSELY M., BR  
[72] LOTT, TIMOTHY J., US  
[72] MAYER, LEONARD W., US  
[72] DEEPE, GEORGE S., JR., US  
[72] REISS, ERROL, US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE, US  
[85] 2000-10-30  
[86] 1999-04-27 (PCT/US99/09151)  
[87] 1999-11-04 (WO99/55874)  
[30] US (60/083,676) 1998-04-30



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[21] **2,327,457**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C07H 21/04 6C12N 15/09 6C12N 15/63 6C12Q 1/68 6C07K 14/705**  
[25] EN  
[54] **SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM**  
[54] **PROTEINES SECRETEES ET POLYNUCLEOTIDES CODANT POUR CELLES-CI**  
[72] STEININGER, ROBERT J., II, US  
[72] BOWMAN, MICHAEL R., US  
[72] AGOSTINO, MICHAEL J., US  
[72] WIDOM, ANGELA, US  
[72] DIBLASIO-SMITH, ELIZABETH, US  
[72] MERBERG, DAVID, US  
[72] MCCOY, JOHN M., US  
[72] JACOBS, KENNETH, US  
[72] TREACY, MAURICE, IE  
[72] LAVALLIE, EDWARD R., US  
[72] EVANS, CHERYL, US  
[72] COLLINS-RACIE, LISA A., US  
[71] GENETICS INSTITUTE, INC., US  
[85] 2000-11-02  
[86] 1999-05-07 (PCT/US99/09970)  
[87] 1999-11-11 (WO99/57132)  
[30] US (60/084,564) 1998-05-07  
[30] US (60/087,645) 1998-06-02  
[30] US (60/093,712) 1998-07-22  
[30] US (60/094,935) 1998-07-31  
[30] US (60/095,880) 1998-08-10  
[30] US (60/096,068) 1998-08-11  
[30] US (09/306,111) 1999-05-06

[21] **2,327,504**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 38/17 6C07K 16/18 6C07K 14/47 6G01N 33/50 6C12Q 1/68**  
[25] EN  
[54] **CD40-INTERACTING AND TRAF-INTERACTING PROTEINS**  
[54] **PROTEINES A INTERACTION CD40 ET A INTERACTION TRAF**  
[72] HUYLEBROECK, DANNY  
FRANCOIS EVELINE, BE  
[72] REMACLE, JACQUES EMILE  
FERNAND JOSIANE GHISLAIN, BE  
[72] PYPE, STEFAN MARIA  
CHRISTIAAN, BE  
[71] VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE VZW, BE  
[85] 2000-10-27  
[86] 1999-04-28 (PCT/EP99/03025)  
[87] 1999-11-04 (WO99/55859)  
[30] EP (98201392.2) 1998-04-29

[21] **2,327,506**  
[13] A1

[51] **Int.Cl. 6A61K 35/00 6C12N 7/00 6C12N 15/63**  
[25] EN  
[54] **COMBINATION VIRAL-BASED AND GENE-BASED THERAPY OF TUMORS**  
[54] **THERAPIE COMBINEE DES TUMEURS A BASE DE GENES ET DE VIRUS**  
[72] CHIOCCA, E. ANTONIO, US  
[72] BREAKFIELD, XANDRA O., US  
[71] THE GENERAL HOSPITAL CORPORATION, US  
[85] 2000-10-30  
[86] 1999-04-30 (PCT/US99/09376)  
[87] 1999-11-04 (WO99/55345)  
[30] US (60/083,663) 1998-04-30

[21] **2,327,507**  
[13] A1

[51] **Int.Cl. 6A61K 38/05 6C07D 211/14 6C07D 265/28**  
[25] EN  
[54] **SUCCINAMIDE INHIBITORS OF INTERLEUKIN-1.BETA. CONVERTING ENZYME**  
[54] **INHIBITEURS DE L'ENZYME DE CONVERSION DE L'INTERLEUKINE 1.BETA.**  
[72] CAPRATHE, BRADLEY WILLIAM, US  
[72] HAYS, SHERYL JEANNE, FR  
[72] HARTER, WILLIAM GLEN, US  
[72] THOMAS, ANTHONY JEROME, US  
[72] GALATZIS, PAUL, US  
[72] KNAPP, KRISTEN MICHELE, US  
[72] KOSTLAN, CATHERINE ROSE, US  
[72] LUNNEY, ELIZABETH ANN, US  
[72] PARA, KIMBERLY SUZANNE, US  
[72] GILMORE, JOHN LODGE, US  
[71] WARNER-LAMBERT COMPANY, US  
[71] BASF AKTIENGESSELLSCHAFT, DE  
[85] 2000-10-31  
[86] 1999-04-30 (PCT/US99/09463)  
[87] 1999-11-11 (WO99/56765)  
[30] US (60/084,320) 1998-05-05

[21] **2,327,509**  
[13] A1

[51] **Int.Cl. 6C07K 14/635 6A61K 38/29**  
[25] EN  
[54] **PTH2 RECEPTOR SELECTIVE COMPOUNDS**  
[54] **COMPOSES SE LIANT SELECTIVEMENT AU RECEPTEUR PTH2**  
[72] CHOREV, MICHAEL, US  
[72] DONG, ZHENG XIN, US  
[72] ROSENBLATT, MICHAEL, US  
[71] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES SAS, FR  
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US  
[85] 2000-11-01  
[86] 1999-05-03 (PCT/US99/09521)  
[87] 1999-11-11 (WO99/57139)  
[30] US (09/072,956) 1998-05-05

[21] **2,327,522**  
[13] A1

[51] **Int.Cl. 6A61K 9/16 6B05B 7/32**  
[25] EN  
[54] **INCORPORATION OF ACTIVE SUBSTANCES IN CARRIER MATRIXES**  
[54] **INCORPORATION DE SUBSTANCES ACTIVES DANS DES MATRICES PORTEUSES**  
[72] ANDERSSON, MARIE-LOUISE, SE  
[72] JUPPO, ANNE MARIE, SE  
[72] BOISSIER, CATHERINE, SE  
[72] LARSSON, ANETTE, SE  
[71] ASTRAZENECA AKTIEBOLAG, SE  
[85] 2000-10-05  
[86] 1999-04-09 (PCT/SE99/00583)  
[87] 1999-10-21 (WO99/52507)  
[30] SE (9801287-5) 1998-04-14

[21] **2,327,524**  
[13] A1

[51] **Int.Cl. 7C12P 21/02 7C12N 15/09**  
[25] EN  
[54] **METHOD FOR CONTROLLING CLEAVAGE BY OMPT PROTEASE**  
[54] **PROCEDE DE CONTROLE DE CLIVAGE PAR LA PROTEASE DE L'OMPT**  
[72] OHSUYE, KAZUHIRO, JP  
[72] OKUNO, KAZUAKI, JP  
[72] YABUTA, MASAYUKI, JP  
[71] SUNTORY LIMITED, JP  
[85] 2000-11-03  
[86] 2000-03-03 (PCT/JP00/01309)  
[87] 2000-09-08 (WO00/52193)  
[30] JP (11/57731) 1999-03-04

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[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07F 17/00 6C07F 17/02 6G01N 27/30**  
[25] EN  
[54] **ELECTRONIC DETECTION OF NUCLEIC ACIDS USING MONOLAYERS**  
[54] **DETECTION ELECTRONIQUE D'ACIDES NUCLEIQUES A L'AIDE DE MONOCOUCHE**  
[72] BAMDAD, CYNTHIA, US  
[72] YU, CHANGYUN, US  
[71] CLINICAL MICRO SENSORS, US  
[85] 2000-11-01  
[86] 1999-01-27 (PCT/US99/01703)  
[87] 1999-11-11 (WO99/57319)  
[30] US (60/084,425) 1998-05-06  
[30] US (60/084,509) 1998-05-06  
[30] US (09/135,183) 1998-08-17

[21] **2,327,526**  
[13] A1

[51] **Int.Cl. 6C12N 9/00 6A61K 38/17 6C07K 14/315**  
[25] EN  
[54] **THROMBOLYTIC AGENTS DERIVED FROM STREPTOKINASE**  
[54] **AGENTS THROMBOLYTIQUES DERIVES DE STREPTOKINASE**  
[72] TANG, JORDAN J. N., US  
[72] ZHANG, XUEJUN C., US  
[72] LIN, XINLI, US  
[71] OKLAHOMA MEDICAL RESEARCH FOUNDATION, US  
[85] 2000-11-06  
[86] 1999-05-06 (PCT/US99/10086)  
[87] 1999-11-11 (WO99/57251)  
[30] US (60/084,392) 1998-05-06

[21] **2,327,528**  
[13] A1

[51] **Int.Cl. 6C12N 15/86 6A61K 48/00 6C12N 7/01 6A61K 39/02 6C12N 15/11 6A61K 39/12 6C12N 15/12 6C07K 14/705**  
[25] EN  
[54] **RECOMBINANT VIRUS EXPRESSING FOREIGN DNA ENCODING FELINE CD80, FELINE CTLA-4 OR FELINE CD86 AND USES THEREOF**  
[54] **VIRUS DE RECOMBINAISON EXPRIMANT UN ADN ETRANGER CODANT LES CD80, CD86, CTLA-4 OU CD86 FELINS ET APPLICATIONS**  
[72] COCHRAN, MARK D., US  
[72] WINSLOW, BARBARA J., US  
[71] SCHERING-PLOUGH LTD., US  
[85] 2000-10-31  
[86] 1999-04-30 (PCT/US99/09504)  
[87] 1999-11-11 (WO99/57295)  
[30] US (09/071,711) 1998-05-01

[21] **2,327,529**  
[13] A1

[51] **Int.Cl. 6C12N 15/82 6C12N 9/02 6C07K 14/415**  
[25] EN  
[54] **GENES FOR DESATURASES TO ALTER LIPID PROFILES IN CORN**  
[54] **GENES DE DESATURASES POUR MODIFIER LES PROFILS LIPIDIQUES DANS LE MAIS**  
[72] SHEN, JENNIE BIH-JIEN, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-11-01  
[86] 1999-06-09 (PCT/US99/12884)  
[87] 1999-12-16 (WO99/64579)  
[30] US (60/088,987) 1998-06-11

[21] **2,327,530**  
[13] A1

[51] **Int.Cl. 6C07K 14/705 6A61K 38/17 6C07K 16/28**  
[25] EN  
[54] **COMPOUNDS AND METHODS FOR MODULATING NONCLASSICAL CADHERIN-MEDIATED FUNCTIONS**  
[54] **COMPOSES ET PROCEDES SERVANT A MODULER DES FONCTIONS ETABLIES PAR L'INTERMEDIAIRE DE CADHERINE NON CLASSIQUE**  
[72] BYERS, STEPHEN, US  
[72] BLASCHUK, OREST W., CA  
[72] GOUR, BARBARA J., CA  
[71] ADHEREX TECHNOLOGIES, INC., CA  
[85] 2000-11-03  
[86] 1999-05-05 (PCT/CA99/00363)  
[87] 1999-11-11 (WO99/57149)  
[30] US (09/073,040) 1998-05-05  
[30] US (09/187,859) 1998-11-06  
[30] US (09/234,395) 1999-01-20  
[30] US (09/264,516) 1999-03-08

[21] **2,328,056**  
[13] A1

[51] **Int.Cl. 6A61K 39/00 6A61K 48/00 6C07K 1/00 6C07K 14/00 6C07K 17/00 6A01N 63/00 6A01N 65/00 6C12N 1/00 6C12N 13/00 6A61K 39/02 6C12P 21/04 6A61K 39/112 6C12N 1/12 6C12N 1/20 6C12N 1/36 6A61K 39/38**  
[25] EN  
[54] **ATTENUATED MUTANTS OF SALMONELLA WHICH CONSTITUTIVELY EXPRESS THE VI ANTIGEN**  
[54] **MUTANTS ATTENUES DE SALMONELLA EXPRIMANT DE MANIERE CONSTITUTIVE L'ANTIGENE VI**  
[72] NORIEGA, FERNANDO R., US  
[72] SZTEIN, MARCELO, US  
[72] LEVINE, MYRON M., US  
[71] UNIVERSITY OF MARYLAND, BALTIMORE, US  
[85] 2000-11-10  
[86] 1999-04-30 (PCT/US99/06554)  
[87] 1999-11-18 (WO99/58146)  
[30] US (09/076,761) 1998-05-13

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[21] **2,328,057**  
[13] A1

[51] **Int.Cl. 6A61K 39/00 6A61K 39/385**  
[25] EN  
[54] **COMPOSITION FOR INDUCING A TUMOR-SPECIFIC IMMUNE RESPONSE, METHOD FOR THE PRODUCTION AND UTILIZATION OF SAID COMPOSITION IN THE TREATMENT OF NEOPLASIA**  
[54] **COMPOSITION POUR INDUIRE UNE REPOSE IMMUNITAIRE SPECIFIQUE D'UNE TUMEUR, PROCEDE DE PRODUCTION DE LADITE COMPOSITION ET UTILISATION DE CETTE DERNIERE POUR LE TRAITEMENT DE NEOPLASIES**  
[72] ROHNISCH, TIM, DE  
[72] PACHMANN, KATHARINA, DE  
[71] IMMUNOGENEC BIOTECHNOLOGIE GMBH, DE  
[85] 2000-11-14  
[86] 1999-05-17 (PCT/EP99/03380)  
[87] 1999-11-25 (WO99/59624)  
[30] DE (198 21 925.3) 1998-05-15  
[30] EP (PCT/EP99/03353) 1999-05-14

[21] **2,328,058**  
[13] A1

[51] **Int.Cl. 6C12N 15/63 6A01H 5/00 6C12N 15/82**  
[25] EN  
[54] **DSRNA-MEDIATED REGULATION OF GENE EXPRESSION IN PLANTS**  
[54] **REGULATION ASSUREE PAR L'ARN A DOUBLES BRINS DE L'EXPRESSION GENETIQUE DANS LES PLANTES**  
[72] DE FRAMOND, ANNICK JEANNE, US  
[72] QUE, QIUDENG, US  
[72] LEVIN, JOSHUA ZVI, US  
[72] HEIFETZ, PETER BERNARD, US  
[72] PATTON, DAVID ANDREW, US  
[72] CHEN, JENG SHONG, US  
[72] DUNN, MARTHA M., US  
[71] NOVARTIS AG, CH  
[85] 2000-11-16  
[86] 1999-05-25 (PCT/EP99/03608)  
[87] 1999-12-02 (WO99/61631)  
[30] US (09/084,942) 1998-05-26

[21] **2,328,059**  
[13] A1

[51] **Int.Cl. 6A61K 39/39 6A61K 48/00 6C12N 15/24 6C07K 14/54**  
[25] EN  
[54] **USE OF INTERLEUKIN-18 AS VACCINE ADJUVANT**  
[54] **EMPLOI DE L'INTERLEUKINE 18 COMME PRODUIT D'ADDITION POUR VACCIN**  
[72] RIJKE, ERIC ONNO, NL  
[72] NICOLSON, LESLEY, GB  
[71] AKZO NOBEL N.V., NL  
[85] 2000-11-06  
[86] 1999-05-04 (PCT/EP99/03098)  
[87] 1999-11-11 (WO99/56775)  
[30] EP (98201451.6) 1998-05-07

[21] **2,328,060**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61P 35/00 7A61K 38/02 7C07K 14/435**  
[25] EN  
[54] **GENE ANY-RF, DORMANCY-CONTROL SUBSTANCE AND METHOD FOR PREPARING THE SAME AS WELL AS CELL-CONTROL AGENT FOR BIOLOGICAL CELLS**  
[54] **GENE ANY-RF, SUBSTANCE REGULANT LA DORMANCE ET SON PROCEDE DE PRODUCTION ET REGULATEUR DES CELLULES VITALES**  
[72] KOTAKI, TOYOMI, JP  
[72] SUZUKI, KOICHI, JP  
[72] YANG, PING, JP  
[72] TSUKADA, MASUHIRO, JP  
[71] JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF NATIONAL INSTITUTE OF SERICU, JP  
[85] 2000-11-17  
[86] 2000-05-26 (PCT/JP00/03388)  
[87] 2000-12-07 (WO00/73441)  
[30] JP (11/152273) 1999-05-31  
[30] JP (2000/81012) 2000-03-22

[21] **2,328,061**  
[13] A1

[51] **Int.Cl. 6C07K 14/21 6A61K 39/02 6C07K 16/12 6C12N 15/31 6C12N 15/62 6C12N 15/63**  
[25] EN  
[54] **NOVEL COMPOUNDS**  
[54] **NOUVEAUX COMPOSES**  
[72] THONNARD, JOELLE, BE  
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE  
[85] 2000-11-10  
[86] 1999-05-10 (PCT/EP99/03262)  
[87] 1999-11-18 (WO99/58562)  
[30] GB (9810193.4) 1998-05-12

[21] **2,328,076**  
[13] A1

[51] **Int.Cl. 6A61K 47/48 6C07K 19/00 6A61K 38/19 6A61K 38/39 6A61K 39/395 6A61K 31/405**  
[25] EN  
[54] **ENHANCEMENT OF ANTIBODY-CYTOKINE FUSION PROTEIN MEDIATED IMMUNE RESPONSES BY CO-ADMINISTRATION WITH ANGIOGENESIS INHIBITOR**  
[54] **CO-ADMINISTRATION D'UN INHIBITEUR DE L'ANGIOGENESE POUR RENFORCER LA REPOSE IMMUNITAIRE A MEDIATION DE PROTEINE DE FUSION D'UNE CYTOKINE D'ANTICORPS**  
[72] GILLIES, STEPHEN D., US  
[71] LEXIGEN PHARMACEUTICALS CORPORATION, US  
[85] 2000-10-10  
[86] 1999-04-15 (PCT/US99/08335)  
[87] 1999-10-21 (WO99/52562)  
[30] US (60/081,863) 1998-04-15

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[21] **2,328,081**  
[13] A1

[51] **Int.Cl. 6A61K 47/48 6C07K 19/00 6A61K 38/19 6A61K 38/39 6A61K 39/395 6A61K 31/405**  
[25] EN  
[54] **ENHANCEMENT OF ANTIBODY-CYTOKINE FUSION PROTEIN MEDIATED IMMUNE RESPONSES BY CO-ADMINISTRATION WITH PROSTAGLANDIN INHIBITOR**  
[54] **AMELIORATION DES REPONSES IMMUNITAIRES DONT LA MEDIATION EST ASSUREE PAR UNE PROTEINE DE FUSION ANTICORPS-CYTOKINE, VIA COADMINISTRATION DE CETTE PROTEINE DE FUSION AVEC UN INHIBITEUR DE PROSTAGLANDINE**  
[72] GILLIES, STEPHEN D., US  
[71] LEXIGEN PHARMACEUTICALS CORPORATION, US  
[85] 2000-10-10  
[86] 1999-04-16 (PCT/US99/08376)  
[87] 1999-10-28 (WO99/53958)  
[30] US (60/082,166) 1998-04-17

[21] **2,328,108**  
[13] A1

[51] **Int.Cl. 6A61K 38/02 6A61K 39/00 6C07K 1/00 6A61K 38/28**  
[25] EN  
[54] **USE OF NEGLECTED TARGET TISSUE ANTIGENS IN MODULATION OF IMMUNE RESPONSES**  
[54] **UTILISATION D'ANTIGENES TISSULAIRES CIBLES, NEGLIGES, POUR MODULER LES REACTIONS IMMUNITAIRES**  
[72] KAUFMAN, DANIEL L., US  
[72] OLCOTT, ANGELICA, US  
[72] TIAN, JIDE, US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2000-11-07  
[86] 1999-05-07 (PCT/US99/10250)  
[87] 1999-11-11 (WO99/56763)  
[30] US (60/084,636) 1998-05-07

[21] **2,328,109**  
[13] A1

[51] **Int.Cl. 7C12N 15/54 7C12N 5/00 7C12N 9/10 7C12N 1/15 7C12N 1/19 7C12N 1/21 7C12N 15/63**  
[25] EN  
[54] **SAKURANETIN SYNTHASE GENE**  
[54] **GENE DE SYNTHASE DE SAKURANETINE**  
[72] KODAMA, OSAMU, JP  
[71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP  
[85] 2000-10-31  
[86] 2000-03-03 (PCT/JP00/01306)  
[87] 2000-09-08 (WO00/52174)  
[30] JP (11/57748) 1999-03-04

[21] **2,328,110**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **INFRARED MATRIX-ASSISTED LASER DESORPTION/IONIZATION MASS SPECTROMETRIC ANALYSIS OF MACROMOLECULES**  
[54] **ANALYSE DE MOLECULES PAR SPECTROMETRIE DE MASSE A DESORPTION/IONISATION PAR LASER, ASSISTEE PAR MATRICE ABSORBANT L'INFRAROUGE**  
[72] KOSTER, HUBERT, US  
[72] HILLENKAMP, FRANZ, DE  
[71] SEQUENOM, INC., US  
[85] 2000-11-06  
[86] 1999-05-07 (PCT/US99/10251)  
[87] 1999-11-11 (WO99/57318)  
[30] US (09/074,936) 1998-05-07

[21] **2,328,112**  
[13] A1

[51] **Int.Cl. 6G01N 33/574 6G01N 33/577 6G01N 33/68 6C12Q 1/68**  
[25] EN  
[54] **METHODS FOR DIAGNOSING AND EVALUATING CANCER**  
[54] **PROCEDES SERVANT A DIAGNOSTIQUER ET A EVALUER LE CANCER**  
[72] BYERS, STEPHEN, US  
[72] BLASCHUCK, OREST W., CA  
[72] GOUR, BARBARA J., CA  
[71] ADHEREX TECHNOLOGIES, INC., CA  
[85] 2000-11-03  
[86] 1999-05-05 (PCT/CA99/00362)  
[87] 1999-11-11 (WO99/57565)  
[30] US (09/073,040) 1998-05-05  
[30] US (09/187,859) 1998-11-06  
[30] US (09/234,395) 1999-01-20

[21] **2,328,128**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6G01N 33/53 6G01N 33/574**  
[25] EN  
[54] **A NOVEL METHOD OF DIAGNOSING, MONITORING, AND STAGING COLON CANCER**  
[54] **NOUVEAU PROCEDE DE DIAGNOSTIC, DE SURVEILLANCE ET DE STADIFICATION DU CANCER DU COLON**  
[72] SUN, YONGMING, US  
[72] MACINA, ROBERTO A., US  
[72] YANG, FEI, US  
[71] DIADEXUS LLC, US  
[85] 2000-11-15  
[86] 1999-05-12 (PCT/US99/10498)  
[87] 1999-11-25 (WO99/60161)  
[30] US (60/086,266) 1998-05-21

[21] **2,328,129**  
[13] A1

[51] **Int.Cl. 6C12N 15/29 6A01H 5/00 6C07K 14/415 6C12N 15/82**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR EXPRESSION OF TRANSGENES IN PLANTS**  
[54] **PROCEDES ET COMPOSITIONS UTILISES POUR L'EXPRESSION DE TRANSGENES DANS DES PLANTES**  
[72] VOYLES, DALE A., US  
[72] KRIZ, ALAN L., US  
[72] LUETHY, MICHAEL H., US  
[71] DEKALB GENETICS CORPORATION, US  
[85] 2000-11-10  
[86] 1999-05-14 (PCT/US99/10776)  
[87] 1999-11-18 (WO99/58659)  
[30] US (09/078,972) 1998-05-14

[21] **2,328,130**  
[13] A1

[51] **Int.Cl. 6C07K 14/22 6A61K 39/02 6C12N 15/31 6G01N 33/569**  
[25] EN  
[54] **MORAXELLA CATHARRALIS PROTEINS**  
[54] **MORAXELLA CATARRHALIS PROTEINS**  
[72] CRIPPS, ALLAN WILLIAM, AU  
[72] KYD, JENNELLE, AU  
[71] PROVALIS UK LIMITED, GB  
[85] 2000-11-10  
[86] 1999-05-11 (PCT/GB99/01473)  
[87] 1999-11-18 (WO99/58563)  
[30] GB (9810084.5) 1998-05-11

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[25] EN  
[54] **GROWTH-ASSOCIATED PROTEASE INHIBITOR HEAVY CHAIN PRECURSOR**  
[54] **PRECURSEUR DE CHAINE LOURDE D'INHIBITEUR DE PROTEASE ASSOCIE A LA CROISSANCE**  
[72] HILLMAN, JENNIFER L., US  
[72] PATTERSON, CHANDRA, US  
[72] GUEGLER, KARL J., US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2000-11-06  
[86] 1999-05-05 (PCT/US99/09947)  
[87] 1999-11-11 (WO99/57140)  
[30] US (09/074,579) 1998-05-07

[21] **2,328,133**  
[13] A1

[51] **Int.Cl. 6C12N 15/57 6A61K 48/00 6C12N 15/11 6C12N 15/12 6A61K 38/17 6C07K 16/18 6C12Q 1/37 6A61K 39/395 6C07K 16/40 6C07K 14/47 6A61K 38/48 6G01N 33/573 6C12N 9/64 6G01N 33/68 6C12Q 1/68**  
[25] EN  
[54] **FACTORS AFFECTING TUMOR NECROSIS FACTOR RECEPTOR RELEASING ENZYME ACTIVITY**  
[54] **FACTEURS AFFECTANT L'ACTIVITE DE L'ENZYME LIBERANT LE RECEPTEUR DU FACTEUR DE NECROSE TUMORALE**  
[72] GRANGER, GALE A., US  
[72] GATANAGA, TETSUYA, US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2000-11-14  
[86] 1999-05-14 (PCT/US99/10793)  
[87] 1999-11-18 (WO99/58559)  
[30] US (09/081,385) 1998-05-14

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[13] A1

[51] **Int.Cl. 6C07K 14/705 6C12N 15/00 6G01N 33/00 6A01K 67/027 6C07K 16/18 6A23L 1/305**  
[25] EN  
[54] **THE INDUCTION OF ANTIBIOTIC PEPTIDES BY LAIT (SCD14) PROTEIN**  
[54] **INDUCTION DE PROTEINES ET DE PEPTIDES ANTIBIOTIQUES AU MOYEN DE LA PROTEINE SCD14/LAIT (PROTEINE IMMUNOTROPHIQUE ASSOCIEE A LA LACTATION)**  
[72] FILIPP, DOMINIK, CA  
[72] JULIUS, MICHAEL H., CA  
[71] GEMMA BIOTECHNOLOGY LTD., CA  
[85] 2000-11-09  
[86] 1999-05-27 (PCT/CA99/00482)  
[87] 1999-12-02 (WO99/61468)  
[30] US (60/086,884) 1998-05-27

[21] **2,328,136**  
[13] A1

[51] **Int.Cl. 6A61K 49/00 6G01N 31/00 6G01N 33/48**  
[25] EN  
[54] **INTRAMOLECULARLY-QUENCHED NEAR INFRARED FLUORESCENT PROBES**  
[54] **SONDES FLUORESCENTES EN PROCHE INFRAROUGE A EXTENSION INTRAMOLECULAIRE**  
[72] WEISSLEDER, RALPH, US  
[72] TUNG, CHING-HSUAN, US  
[72] BOGDANOV, ALEXEI, US  
[72] MAHMOOD, UMAR, US  
[72] JOSEPHSON, LEE, US  
[71] THE GENERAL HOSPITAL CORPORATION, US  
[85] 2000-11-14  
[86] 1999-05-13 (PCT/US99/10589)  
[87] 1999-11-18 (WO99/58161)  
[30] US (09/079,447) 1998-05-14

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[13] A1

[51] **Int.Cl. 6A21D 2/24**  
[25] EN  
[54] **METHODS FOR USING XYLOGLUCAN ENDOTRANSGLYCOSYLASE IN BAKING**  
[54] **PROCEDES SERVANT A UTILISER XYLOGLUCANE ENDOTRANSGLYCOSYLASE EN CUISSON**  
[72] ILUM NIELSEN, RUBY, DK  
[71] NOVO NORDISK A/S, DK  
[85] 2000-11-10  
[86] 1999-05-21 (PCT/DK99/00277)  
[87] 1999-12-09 (WO99/62343)  
[30] DK (PA 1998 00749) 1998-05-29  
[30] US (60/088,096) 1998-06-05

[21] **2,328,138**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6G01N 33/72**  
[25] EN  
[54] **A NOVEL METHOD OF DIAGNOSING, MONITORING, AND STAGING LUNG CANCER**  
[54] **TECHNIQUE DE DIAGNOSTIC, DE SUIVI ET DE STADIFICATION DU CANCER DU POUMON**  
[72] YANG, FEI, US  
[72] MACINA, ROBERTO A., US  
[72] SUN, YONGMING, US  
[71] DIADEXUS LLC, US  
[85] 2000-11-15  
[86] 1999-05-12 (PCT/US99/10344)  
[87] 1999-11-25 (WO99/60160)  
[30] US (60/086,212) 1998-05-21

[21] **2,328,139**  
[13] A1

[51] **Int.Cl. 7C12N 15/11 7A01H 5/00 7C12N 5/14**  
[25] EN  
[54] **PHOTOINHIBITORY PROMOTER**  
[54] **PROMOTEUR INHIBITEUR**  
[72] NAGANO, YUKIO, JP  
[72] SASAKI, YUKIKO, JP  
[72] INABA, TAKEHITO, JP  
[71] SUNTORY LIMITED, JP  
[85] 2000-11-14  
[86] 2000-03-03 (PCT/JP00/01269)  
[87] 2000-09-21 (WO00/55313)  
[30] JP (11/66551) 1999-03-12

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[51] **Int.Cl. 6C12N 15/12 6A61K 38/17 6C12N 15/62 6C07K 14/705**  
[25] EN  
[54] **METHOD OF INHIBITING OSTEOCLAST ACTIVITY**  
[54] **PROCEDE POUR INHIBER L'ACTIVITE OSTEOCLASTIQUE**  
[72] ANDERSON, DIRK M., US  
[72] GALIBERT, LAURENT J., US  
[71] IMMUNEX CORPORATION, US  
[85] 2000-11-10  
[86] 1999-05-13 (PCT/US99/10588)  
[87] 1999-11-18 (WO99/58674)  
[30] US (60/085,487) 1998-05-14  
[30] US (60/110,836) 1998-12-03

[21] **2,328,146**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C12N 15/10**  
[25] EN  
[54] **METHOD FOR IDENTIFYING NUCLEIC ACID MOLECULES**  
[54] **PROCEDE D'IDENTIFICATION DE MOLECULES D'ACIDES NUCLEIQUES**  
[72] HAWKINS, GREGORY A., US  
[72] HOFFMAN, LESLIE M., US  
[71] EPICENTRE TECHNOLOGIES CORPORATION, US  
[85] 2000-11-10  
[86] 1999-05-10 (PCT/US99/10207)  
[87] 1999-11-18 (WO99/58717)  
[30] US (09/078,290) 1998-05-13

[21] **2,328,154**  
[13] A1

[51] **Int.Cl. 6A61K 9/26 6A61K 47/38 6A61K 9/52**  
[25] EN  
[54] **MULTIPLE-UNIT SUSTAINED RELEASE TABLETS**  
[54] **COMPRIMES A LIBERATION PROLONGEE A UNITES MULTIPLES**  
[72] TSUCHIDA, KAZUTAKA, JP  
[72] AOKI, SHINJI, JP  
[71] TAISHO PHARMACEUTICAL CO., LTD., JP  
[85] 2000-10-12  
[86] 1998-08-07 (PCT/JP98/03537)  
[87] 1999-10-28 (WO99/53905)  
[30] JP (10/107349) 1998-04-17

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[13] A1

[51] **Int.Cl. 6C12N 15/31 6A61K 39/02 6C07K 16/12 6C07K 14/21 6C12N 1/21 6A61K 39/395 6G01N 33/569 6A61K 31/70**  
[25] EN  
[54] **COMPOUNDS FROM MORAXELLA CATARRHALIS**  
[54] **COMPOSES DERIVES DE MORAXELLA CATARRHALIS**  
[72] THONNARD, JOELLE, BE  
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE  
[85] 2000-11-10  
[86] 1999-05-07 (PCT/EP99/03254)  
[87] 1999-11-18 (WO99/58682)  
[30] GB (9810195.9) 1998-05-12  
[30] GB (9905308.4) 1999-03-08

[21] **2,328,149**  
[13] A1

[51] **Int.Cl. 6G06F 7/00 6G07B 15/02 6G06F 7/04**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PROVIDING FAREBOX ACCOUNTABILITY**  
[54] **SYSTEME ET PROCEDE DE TENUE D'UNE BOITE DE PERCEPTION**  
[72] WATERS, BRIAN G., US  
[71] AGENT SYSTEMS, INC., US  
[85] 2000-10-12  
[86] 1999-04-12 (PCT/US99/07978)  
[87] 1999-10-21 (WO99/53397)  
[30] US (09/059,241) 1998-04-13

[21] **2,328,155**  
[13] A1

[51] **Int.Cl. 6A44B 19/26**  
[25] EN  
[54] **FOLDABLE ZIPPER SLIDER WITH IMPROVED COMPRESSION-TYPE LATCH**  
[54] **CURSEUR PLIABLE POUR FERMETURE ECLAIR MUNI D'UN FERMOIR PRESSION AMELIORE**  
[72] ST. PHILLIPS, ERIC A., US  
[72] BRISSETTE, ROBERT F., US  
[72] BECK, ROLAND G., US  
[72] BOCON, JOACHIM, US  
[72] EBERT, GARY F., US  
[71] PACTIV CORPORATION, US  
[85] 2000-10-12  
[86] 1999-04-06 (PCT/US99/07527)  
[87] 1999-10-21 (WO99/52389)  
[30] US (09/061,487) 1998-04-16

[21] **2,328,144**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C07K 19/00 6A61K 38/17 6G01N 33/68 6C07K 14/725 6C07K 14/82**  
[25] EN  
[54] **MULTIVALENT T CELL RECEPTOR COMPLEXES**  
[54] **COMPLEXES POLYVALENTS DE RECEPTEURS DE LYMPHOCYTES T**  
[72] BOULTER, JONATHAN MICHAEL, GB  
[72] JAKOBSEN, BENT KARSTEN, GB  
[71] AVIDEX LIMITED, GB  
[85] 2000-11-15  
[86] 1999-05-19 (PCT/GB99/01583)  
[87] 1999-11-25 (WO99/60119)  
[30] GB (9810759.2) 1998-05-19  
[30] GB (9821129.5) 1998-09-29

[21] **2,328,153**  
[13] A1

[51] **Int.Cl. 6A63F 1/12**  
[25] EN  
[54] **DEVICE AND METHOD FOR CONTINUOUSLY SHUFFLING CARDS**  
[54] **DISPOSITIF ET PROCEDE POUR BATTRE CONTINUELLEMENT DES CARTES**  
[72] GRAUZER, ATTILA, US  
[72] BOURBOUR, FERAIDON, US  
[72] HELGESEN, JAMES PHILLIP, US  
[72] RYND, ROBERT J., US  
[72] SWANSON, RONALD R., US  
[72] SCHEPER, PAUL K., US  
[72] STASSON, JAMES BERNARD, US  
[72] NELSON, TROY, US  
[71] SHUFFLE MASTER INC., US  
[85] 2000-10-12  
[86] 1999-04-15 (PCT/US99/08306)  
[87] 1999-10-21 (WO99/52611)  
[30] US (09/060,598) 1998-04-15

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[13] A1

[51] **Int.Cl. 6C09D 175/04 6B29C 41/22 6B32B 27/40 6C08G 18/79**  
[25] EN  
[54] **A FLEXIBLE POLYURETHANE MATERIAL**  
[54] **MATERIAU SOUPLE EN POLYURETHANE**  
[72] FULLBRIGHT, CLARENCE JR., US  
[72] HO, CHIA-TIE, US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-10-12  
[86] 1999-03-19 (PCT/US99/06061)  
[87] 1999-10-28 (WO99/54418)  
[30] US (09/064,490) 1998-04-22

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[13] A1  
[51] **Int.Cl. 6G01N 33/68 6C12Q 1/527**  
[25] EN  
[54] **METHOD FOR IDENTIFYING CHEMICAL ACTIVE AGENTS AND ACTIVE AGENTS FOR INHIBITING THE 1-DESOXY-D-XYLULOSE-5-PHOSPHATE BIOSYNTHETIC PATHWAY**  
[54] **PROCEDE D'IDENTIFICATION D'AGENTS CHIMIQUES ACTIFS ET D'AGENTS ACTIFS DESTINES A L'INHIBITION DE LA VOIE DE BIOSYNTHESE DU 1-DESOXY-D-XYLULOSE-5-PHOSPHATE**  
[72] HASSAN, JOMAA, DE  
[71] HASSAN, JOMAA, DE  
[85] 2000-10-12  
[86] 1999-04-13 (PCT/EP99/02463)  
[87] 1999-10-21 (WO99/52938)  
[30] DE (198 16 196.4) 1998-04-14  
[30] DE (198 25 585.3) 1998-06-09  
[30] DE (198 28 097.1) 1998-06-24  
[30] DE (198 31 637.2) 1998-07-15  
[30] DE (198 31 639.9) 1998-07-15  
[30] DE (198 31 638.0) 1998-07-15  
[30] DE (198 43 279.8) 1998-09-22

[21] **2,328,159**  
[13] A1  
[51] **Int.Cl. 6A61K 31/66**  
[25] EN  
[54] **USE OF ORGANOPHOSPHORIC COMPOUNDS FOR THE THERAPEUTIC AND PREVENTATIVE TREATMENT OF INFECTIONS**  
[54] **UTILISATION DE LIAISONS ORGANOPHOSPHOREES DANS LE TRAITEMENT ET LA PREVENTION D'INFECTIONS**  
[72] JOMAA, HASSAN, DE  
[71] JOMAA, HASSAN, DE  
[85] 2000-10-12  
[86] 1999-04-13 (PCT/EP99/02462)  
[87] 1999-10-21 (WO99/52515)  
[30] DE (198 16 196.4) 1998-04-14  
[30] DE (198 25 585.3) 1998-06-09  
[30] DE (198 43 222.4) 1998-09-22  
[30] DE (198 43 223.2) 1998-09-22

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[13] A1  
[51] **Int.Cl. 6B23G 5/00 6B21D 22/00 6B21D 28/00 6B21G 5/00 6B21H 3/02 6B23P 19/08**  
[25] EN  
[54] **PROCESS FOR MANUFACTURING A CAPTIVE SCREW**  
[54] **PROCEDE DE FABRICATION D'UNE VIS PRISONNIERE**  
[72] DICKERSON, HARRY L., US  
[72] MCCORMACK, EDWARD A., US  
[72] ELLIS, THOMAS J., US  
[71] SOUTHCO, INC., US  
[85] 2000-10-12  
[86] 1999-04-08 (PCT/US99/07730)  
[87] 1999-10-21 (WO99/52666)  
[30] US (09/059,735) 1998-04-14

[21] **2,328,162**  
[13] A1  
[51] **Int.Cl. 6B65D 90/50**  
[25] EN  
[54] **FLAT-BOTTOMED TANK AND METHOD FOR FITTING IT WITH A LEAK-PROOF COATING**  
[54] **RESERVOIR A FOND PLAT ET SON PROCEDE D'EQUIPEMENT AVEC UN REVETEMENT ANTIFUITE**  
[72] PIEHLER, ANDREAS, DE  
[71] UTEK  
UMWELTSCHUTZTECHNOLOGIEN GMBH, DE  
[85] 2000-10-12  
[86] 1999-04-14 (PCT/EP99/02517)  
[87] 1999-10-28 (WO99/54236)  
[30] DE (298 07 285.8) 1998-04-22

[21] **2,328,164**  
[13] A1  
[51] **Int.Cl. 6A61F 11/00**  
[25] EN  
[54] **CATHETER APPARATUS HAVING AN IMPROVED SHAPE-MEMORY ALLOY CUFF AND INFLATABLE ON-DEMAND BALLOON FOR CREATING A BYPASS GRAFT IN VIVO**  
[54] **CATHETER POSSEDANT UNE COIFFE EN ALLIAGE A MEMOIRE DE FORME ET UN BALLONNET GONFLABLE A LA DEMANDE, AUX FINS DE CREATION IN VIVO D'UN PONTAGE**  
[72] KIM, DUCKSOO, US  
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, US  
[85] 2000-10-12  
[86] 1999-04-13 (PCT/US99/08040)  
[87] 1999-10-21 (WO99/52481)  
[30] US (09/060,958) 1998-04-16

[21] **2,328,166**  
[13] A1  
[51] **Int.Cl. 7H01F 27/28 7H01F 41/04**  
[25] EN  
[54] **INDUCTOR COIL STRUCTURE AND METHOD FOR MAKING SAME**  
[54] **STRUCTURE DE BOBINE D'INDUCTION ET SON PROCEDE DE FABRICATION**  
[72] SHAFER, TIMOTHY M., US  
[71] VISHAY DALE ELECTRONICS, INC., US  
[85] 2000-10-06  
[86] 2000-03-15 (PCT/US00/06793)  
[87] 2000-09-21 (WO00/55873)  
[30] US (09/271,748) 1999-03-16

[21] **2,328,167**  
[13] A1  
[51] **Int.Cl. 6H04B 1/707 6H04B 1/62**  
[25] EN  
[54] **AMPLITUDE LIMITATION IN A CDMA SYSTEM**  
[54] **LIMITATION D'AMPLITUDE DANS UN SYSTEME AMCR**  
[72] HEDBERG, BO, SE  
[72] HERMANSSON, BO, SE  
[72] NYSTROM, CHRISTIAN, SE  
[72] FRANK, GEORG, DE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-10-06  
[86] 1999-03-26 (PCT/SE99/00490)  
[87] 1999-10-21 (WO99/53625)  
[30] US (09/056,651) 1998-04-08

[21] **2,328,169**  
[13] A1  
[51] **Int.Cl. 6H04L 27/26**  
[25] EN  
[54] **COARSE FREQUENCY SYNCHRONISATION IN MULTICARRIER SYSTEMS**  
[54] **STRUCTURE DE TRAMES ET SYNCHRONISATION DE TRAMES POUR DES SYSTEMES A PORTEUSES MULTIPLES**  
[72] BUCHHOLZ, STEPHAN, DE  
[72] BADRI, SABAH, DE  
[72] EBERLEIN, ERNST, DE  
[72] LIPP, STEFAN, DE  
[72] GERHAUSER, HEINZ, DE  
[72] HEUBERGER, ALBERT, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
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[87] 1999-10-21 (WO99/53666)

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[21] **2,328,171**  
[13] A1

[51] **Int.Cl. 6H04L 27/00 6H04H 1/00**  
[25] EN  
[54] **DUAL-MODE RECEIVER FOR RECEIVING SATELLITE AND TERRESTRIAL SIGNALS IN A DIGITAL BROADCAST SYSTEM**  
[54] **SYSTEME A DOUBLE MODE POUR RECEVOIR DES SIGNAUX TRANSMIS PAR SATELLITES ET DES SIGNAUX DE TERRE DANS UN SYSTEME DE DIFFUSION NUMERIQUE**  
[72] EBERLEIN, ERNST, DE  
[72] BUCHHOLZ, STEPHAN, DE  
[72] HEUBERGER, ALBERT, DE  
[72] GERHAUSER, HEINZ, DE  
[72] LIPP, STEFAN, DE  
[72] BADRI, SABAH, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2000-10-06  
[86] 1998-04-14 (PCT/EP98/02168)  
[87] 1999-10-21 (WO99/53660)

[21] **2,328,174**  
[13] A1

[51] **Int.Cl. 6H04L 27/26**  
[25] EN  
[54] **FRAME STRUCTURE AND FRAME SYNCHRONIZATION FOR MULTICARRIER SYSTEMS**  
[54] **SYNCHRONISATION APPROXIMATIVE DE FREQUENCES POUR DES SYSTEMES A PORTEUSES MULTIPLES**  
[72] LIPP, STEFAN, DE  
[72] BUCHHOLZ, STEPHAN, DE  
[72] HEUBERGER, ALBERT, DE  
[72] GERHAUSER, HEINZ, DE  
[72] EBERLEIN, ERNST, DE  
[72] BADRI, SABAH, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2000-10-06  
[86] 1998-04-14 (PCT/EP98/02169)  
[87] 1999-10-21 (WO99/53665)

[21] **2,328,175**  
[13] A1

[51] **Int.Cl. 6A61N 1/37**  
[25] EN  
[54] **METHOD AND APPARATUS FOR STORAGE OF PHYSIOLOGIC SIGNALS**  
[54] **METHODE ET APPAREIL POUR LA MEMORISATION DE SIGNAUX PHYSIOLOGIQUES**  
[72] KEIMEL, JOHN G., US  
[71] MEDTRONIC, INC., US  
[85] 2000-10-10  
[86] 1999-02-22 (PCT/US99/03799)  
[87] 1999-11-04 (WO99/55416)  
[30] US (09/067,159) 1998-04-27

[21] **2,328,177**  
[13] A1

[51] **Int.Cl. 7B65C 3/16 7B32B 31/00 7B65C 9/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR WRAPPING A LABEL ONTO A CONTAINER WITH A GLUELESS LEADING EDGE**  
[54] **ENTOURAGE D'UN RECIPIENT PAR UNE ETIQUETTE A BORD AVANT NON ENDUIT ET APPAREIL A CET EFFET**  
[72] BRADLEY, WILBUR KEITH (DECEASED), US  
[72] MEYERS, ROBERT D., US  
[72] WAGNER, EDWARD C., US  
[72] ZHANG, YITAO, US  
[71] BRADLEY, WILBUR KEITH (DECEASED), US  
[71] MEYERS, ROBERT D., US  
[71] WAGNER, EDWARD C., US  
[71] ZHANG, YITAO, US  
[85] 2000-10-10  
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[87] 2000-08-17 (WO00/47477)  
[30] US (60/119,802) 1999-02-11

[21] **2,328,179**  
[13] A1

[51] **Int.Cl. 6H05B 39/10**  
[25] EN  
[54] **SERIES CONNECTED LIGHT STRING WITH FILAMENT SHUNTING**  
[54] **CHAINE D'AMPOULES EN SERIE AVEC DERIVATION DE FILAMENT**  
[72] JANNING, JOHN L., US  
[71] JAY CAVENDER, INC., US  
[71] STAY LIT INTERNATIONAL, INC., US  
[85] 2000-10-10  
[86] 1999-03-18 (PCT/US99/05922)  
[87] 1999-10-21 (WO99/53729)  
[30] US (09/058,451) 1998-04-10

[21] **2,328,181**  
[13] A1

[51] **Int.Cl. 6A61K 39/21 6A61K 38/00 6A61K 38/04**  
[25] EN  
[54] **IMMUNOMODULATORY COMPOSITIONS OF MMTV ANTIGENS AND METHODS OF USING SAME**  
[54] **COMPOSITIONS IMMUNOMODULATOIRES D'ANTIGENES MMTV ET LEURS TECHNIQUES D'APPLICATION**  
[72] STEWART, THOMAS H. M., CA  
[72] GERSHONI, JONATHAN, US  
[71] INTERNATIONAL BIOIMMUNE SYSTEMS, INC., US  
[85] 2000-10-10  
[86] 1999-04-08 (PCT/US99/07712)  
[87] 1999-10-14 (WO99/51268)  
[30] US (09/057,003) 1998-04-08

[21] **2,328,183**  
[13] A1

[51] **Int.Cl. 6A61C 8/00**  
[25] EN  
[54] **INTRAOSSEOUS SINGLE-TOOTH IMPLANT**  
[54] **IMPLANT INTRA-OSSEUX POUR DENT SIMPLE**  
[72] SAGER, R. DAVID, US  
[71] IMZ FERTIGUNGS- UND VERTRIEBSGESELLSCHAFT FUR DENTALE TECHNOLOGIE MBH, DE  
[85] 2000-10-10  
[86] 1999-04-01 (PCT/DE99/01054)  
[87] 1999-10-21 (WO99/52464)  
[30] DE (198 15 719.3) 1998-04-08  
[30] DE (198 28 461.6) 1998-06-26  
[30] DE (198 29 504.9) 1998-07-02

[21] **2,328,193**  
[13] A1

[51] **Int.Cl. 7H01F 27/24 7H01F 41/02**  
[25] EN  
[54] **CORES AND COILS FOR ELECTRICAL TRANSFORMERS**  
[54] **BOBINES ET NOYAUX POUR TRANSFORMATEURS ELECTRIQUES**  
[72] HERNANDEZ CRUZ, ALFONSO, MX  
[71] HERNANDEZ CRUZ, ALFONSO, MX  
[85] 2000-10-12  
[86] 1998-04-13 (PCT/MX98/00014)  
[87] 1999-10-13 ()



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[13] A1  
[51] **Int.Cl. 6G06F 7/00 6G07F 9/10 6B65H 29/44**  
[25] EN  
[54] **AUTOMATIC VALIDATING FAREBOX SYSTEM AND METHOD**  
[54] **PROCEDE ET SYSTEME DE MACHINE DE PAIEMENT A VALIDATION AUTOMATIQUE**  
[72] MALDANIS, ALBERT J., US  
[72] STOLTZ, GREGORY E., US  
[72] WATERS, BRIAN G., US  
[71] AGENT SYSTEMS, INC., US  
[85] 2000-10-12  
[86] 1999-04-12 (PCT/US99/07981)  
[87] 1999-10-21 (WO99/53398)  
[30] US (09/059,274) 1998-04-13

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[13] A1  
[51] **Int.Cl. 6E21B 43/10 6E21B 29/10 6F16L 9/12 6F16L 11/12 6F16L 55/165**  
[25] EN  
[54] **FOLDABLE TUBE**  
[54] **TUBE PLIABLE**  
[72] LOHBECK, WILHELMUS CHRISTIANUS MARIA, NL  
[71] SHELL CANADA LIMITED, CA  
[85] 2000-10-12  
[86] 1999-04-22 (PCT/EP99/02838)  
[87] 1999-11-04 (WO99/55999)  
[30] EP (98303147.7) 1998-04-23

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[21] **2,328,200**  
[13] A1  
[51] **Int.Cl. 6A23L 1/32 6A23K 1/16 6A23K 1/18**  
[25] EN  
[54] **EGGS ENRICHED WITH CONJUGATED LINOLEIC ACID AND METHOD FOR MAKING SAME**  
[54] **OEUF S ENRICHIS EN ACIDE LINOLEIQUE ET PROCEDE DE PRODUCTION DE CES DERNIERS**  
[72] COOK, MARK E., US  
[72] AYDIN, RAHIM, US  
[72] PARIZA, MICHAEL W., US  
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US  
[85] 2000-10-12  
[86] 1999-03-31 (PCT/US99/07074)  
[87] 1999-10-21 (WO99/52382)  
[30] US (09/060,588) 1998-04-15

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[21] **2,328,201**  
[13] A1  
[51] **Int.Cl. 7G02B 7/182**  
[25] EN  
[54] **VERY LARGE ANGLE INTEGRATED OPTICAL SCANNER MADE WITH AN ARRAY OF PIEZOELECTRIC MONOMORPHS**  
[54] **SCANNEUR OPTIQUE A TRES GRAND ANGLE INTEGRE COMPOSE D'UN RESEAU DE MONOMORPHES PIEZOELECTRIQUES**  
[72] SMITS, JOHANNES G., US  
[71] TRUSTEES OF BOSTON UNIVERSITY, US  
[85] 2000-10-12  
[86] 2000-03-17 (PCT/US00/07075)  
[87] 2000-09-21 (WO00/55666)  
[30] US (60/124,982) 1999-03-18

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[21] **2,328,202**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/34**  
[25] EN  
[54] **METHOD AND APPARATUS FOR RADIO NETWORK MANAGEMENT**  
[54] **PROCEDE ET APPAREIL DE GESTION D'UN RESEAU DE RADIOCOMMUNICATION**  
[72] DAGG, STEVEN, IE  
[72] HEARTY, NORA, IE  
[72] GUINAN, BERNADETTE, IE  
[72] FITZSIMONS, BERNIE, IE  
[72] NEWCOMBE, ADRIAN, IE  
[72] MCDONAGH, BRENDAN, IE  
[72] TEHAN, TONY, IE  
[72] MCFADDEN, SHANE, IE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-10-12  
[86] 1999-04-09 (PCT/SE99/00580)  
[87] 1999-10-21 (WO99/53703)  
[30] US (60/081,604) 1998-04-14  
[30] US (09/266,843) 1999-03-12

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[21] **2,328,204**  
[13] A1  
[51] **Int.Cl. 6G01N 27/82 6G01B 7/06 6G01B 7/34**  
[25] EN  
[54] **METHOD AND DEVICE FOR DETECTING IRREGULARITIES IN THE THICKNESS OF THE WALLS OF INACCESSIBLE METAL PIPES**  
[54] **PROCEDE ET DISPOSITIF POUR DETECTER DES INEGALITES DE L'EPaisseur DE LA PAROI DE TUYAUX METALLIQUES INACCESSIBLES**  
[72] HINKEN, JOHANN H., DE  
[72] KLINGER, MARTIN, DE  
[72] KRIVOI, GUENNADI, DE  
[71] F.I.T. MESSTECHNIK GMBH, DE  
[85] 2000-10-12  
[86] 1999-04-27 (PCT/EP99/02851)  
[87] 1999-11-04 (WO99/56123)  
[30] DE (198 19 066.2) 1998-04-29

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[21] **2,328,205**  
[13] A1  
[51] **Int.Cl. 6B02C 7/12 6D21B 1/14 6D21D 1/30**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROCESSING PULP STOCK DERIVED FROM A PULP OR PAPER MILL**  
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DE PULPE D'UNE USINE DE PATE OU DE PAPIER**  
[72] HUOVINEN, MAUNO, FI  
[72] VIRTANEN, HANNU, FI  
[71] MEGATREX OY, FI  
[85] 2000-10-12  
[86] 1999-04-13 (PCT/FI99/00306)  
[87] 1999-10-28 (WO99/54045)  
[30] FI (980849) 1998-04-16  
[30] FI (981627) 1998-07-17  
[30] FI (981788) 1998-08-20

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[13] A1

[51] **Int.Cl. 6A01N 25/02 6C11D 17/00 6A01N 31/08 6A01N 31/16 6C11D 7/50**  
[25] EN  
[54] **BLOOMING TYPE GERMICIDAL HARD-SURFACE CLEANERS**  
[54] **NETTOYEURS GERMICIDES POUR SURFACE DURE**  
**BLANCHISSANT A LA DILUTION**  
[72] SMIALOWICZ, DENNIS THOMAS, US  
[72] CHEUNG, TAK WAI, US  
[71] RECKITT BENCKISER INC., US  
[85] 2000-10-12  
[86] 1999-03-18 (PCT/US99/05958)  
[87] 1999-10-21 (WO99/52361)  
[30] GB (9807668.0) 1998-04-14

[21] **2,328,207**  
[13] A1

[51] **Int.Cl. 6F28D 7/02 6E21B 43/26**  
[25] EN  
[54] **MULTIPHASE HEAT EXCHANGER**  
[54] **ECHANGEUR THERMIQUE POLYPHASE**  
[72] BODHAINE, JAMES, US  
[72] HASSANEIN, HANY E., US  
[71] VITA INTERNATIONAL, INC., US  
[85] 2000-10-12  
[86] 1999-04-21 (PCT/US99/08816)  
[87] 1999-10-28 (WO99/54675)  
[30] US (09/063,603) 1998-04-21  
[30] US (09/108,710) 1998-07-01

[21] **2,328,208**  
[13] A1

[51] **Int.Cl. 6E03D 5/00**  
[25] EN  
[54] **TOILET APPARATUS**  
[54] **APPAREIL DE WC**  
[72] MOORE, GARRY, GB  
[71] MOORE, GARRY, GB  
[85] 2000-10-12  
[86] 1999-04-13 (PCT/GB99/01116)  
[87] 1999-10-21 (WO99/53149)  
[30] GB (9807943.7) 1998-04-15

[21] **2,328,226**  
[13] A1

[51] **Int.Cl. 7B01D 46/00**  
[25] EN  
[54] **HIGH FILTERING EFFICIENCY, LOW ENERGY CONSUMPTION, AND LOW NOISE FAN FILTER UNIT**  
[54] **UNITE DE FILTRE POUR VENTILATEUR A HAUT RENDEMENT DE FILTRAGE, FAIBLE CONSOMMATION D'ENERGIE ET FAIBLE BRUIT**  
[72] JEANSEAU, PETER, US  
[71] HEPA CORPORATION, US  
[85] 2000-10-12  
[86] 1999-08-24 (PCT/US99/19352)  
[87] 2000-03-02 (WO00/10686)  
[30] US (60/097,695) 1998-08-24  
[30] US (60/130,091) 1999-04-20  
[30] US (09/347,442) 1999-07-02

[21] **2,328,234**  
[13] A1

[51] **Int.Cl. 7A61K 31/36 7C07D 31/44**  
[25] EN  
[54] **COMPOUNDS THAT INHIBIT THE BINDING OF INTEGRINS TO THEIR RECEPTORS**  
[54] **COMPOSES INHIBANT LA FIXATION D'INTEGRINES A LEURS RECEPTEURS**  
[72] BIEDIGER, RONALD J., US  
[72] KOGAN, TIMOTHY P. (DECEASED), US  
[72] KASSIR, JAMAL M., US  
[72] RAJU, BORE G., US  
[72] KELLER, KARIN M., US  
[72] SCOTT, IAN L., US  
[72] LIN, SHUQUN, US  
[72] MARKET, ROBERT V., US  
[72] GRABBE, VANESSA O., US  
[71] TEXAS BIOTECHNOLOGY CORPORATION, US  
[85] 2000-10-12  
[86] 1999-04-15 (PCT/US99/08305)  
[87] 1999-10-21 (WO99/52493)  
[30] US (60/082,019) 1998-04-16

[21] **2,328,269**  
[13] A1

[51] **Int.Cl. 6F02M 25/08 6G01M 19/00 6F02M 33/02**  
[25] EN  
[54] **FUEL SYSTEM LEAKAGE DETECTOR**  
[54] **DETECTEUR DE FUITES DE CARBURANT**  
[72] HARRIS, ROBERT S., US  
[71] STANT MANUFACTURING INC., US  
[85] 2000-10-13  
[86] 1999-04-14 (PCT/US99/08237)  
[87] 1999-10-21 (WO99/53181)  
[30] US (60/081,670) 1998-04-14

[21] **2,328,276**  
[13] A1

[51] **Int.Cl. 6D21F 1/00**  
[25] EN  
[54] **UNDERWIRE WATER WEIGHT TURBULENCE SENSOR**  
[54] **DETECTEUR DE TURBULENCE ET DE MASSE D'EAU SOUS TOILE**  
[72] HAGART-ALEXANDER, CLAUD, CA  
[72] WATSON, DAVID, CA  
[72] CHASE, LEE, US  
[72] HU, HUNG-TZAW, US  
[72] GOSS, JOHN D., US  
[71] HONEYWELL-MEASUREX CORPORATION, US  
[85] 2000-10-13  
[86] 1999-04-13 (PCT/US99/06521)  
[87] 1999-10-21 (WO99/53134)  
[30] US (09/060,167) 1998-04-14

[21] **2,328,278**  
[13] A1

[51] **Int.Cl. 6H04M 3/42 6H04M 1/56 6H04M 1/64**  
[25] EN  
[54] **TELEPHONE NUMBER AREA CODE PREPROCESSOR**  
[54] **PREPROCESSEUR D'INDICATIF DE ZONE DE NUMERO DE TELEPHONE**  
[72] YAMARTINO, ROBERT J., US  
[71] YAMARTINO, ROBERT J., US  
[85] 2000-10-13  
[86] 1999-04-14 (PCT/US99/08059)  
[87] 1999-10-21 (WO99/53675)  
[30] US (60/081,735) 1998-04-14

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[13] A1

[51] **Int.Cl. 6C07D 495/04 6C07D 221/00 6C07D 239/00 6C07D 333/00 6A61K 31/38 6A61K 31/505**  
[25] EN  
[54] **CONDENSED THIENOPYRIMIDINES WITH PHOSPHODIESTERASE-V INHIBITING ACTION**  
[54] **THIENOPYRIMIDINES CONDENSEES A EFFET INHIBITEUR DE LA PHOSPHODIESTERASE V**  
[72] SCHELLING, PIERRE, DE  
[72] KLUXEN, FRANZ-WERNER, DE  
[72] CHRISTADLER, MARIA, DE  
[72] JONAS, ROCHUS, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[85] 2000-10-13  
[86] 1999-04-23 (PCT/EP99/02738)  
[87] 1999-11-04 (WO99/55708)  
[30] DE (198 19 023.9) 1998-04-29

[21] **2,328,287**  
[13] A1

[51] **Int.Cl. 7H01S 5/20**  
[25] EN  
[54] **SEMICONDUCTOR LASER**  
[54] **LASER A SEMI-CONDUCTEUR**  
[72] KASUKAWA, AKIHIKO, JP  
[72] MUKAIHARA, TOSHIKAZU, JP  
[72] YAMAGUCHI, TAKEHARU, JP  
[71] THE FURUKAWA ELECTRIC CO., LTD., JP  
[85] 2000-10-13  
[86] 2000-02-16 (PCT/JP00/00852)  
[87] 2000-08-24 (WO00/49694)  
[30] JP (11/36746) 1999-02-16

[21] **2,328,289**  
[13] A1

[51] **Int.Cl. 6C07H 3/06 6C07H 17/04**  
[25] FR  
[54] **PROCEDE DE SYNTHESE DU LAMINARIBIOSE**  
[54] **METHOD FOR LAMINARIBIOSE SYNTHESIS**  
[72] PLUSQUELLEC, DANIEL, FR  
[72] JAMOIS, FRANK, FR  
[72] FERRIERES, VINCENT, FR  
[72] YVIN, JEAN-CLAUDE, FR  
[71] LABORATOIRES GOEMAR, FR  
[85] 2000-10-06  
[86] 1999-04-13 (PCT/FR99/00857)  
[87] 1999-10-21 (WO99/52920)  
[30] FR (98/04610) 1998-04-14

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[13] A1

[51] **Int.Cl. 6C07D 209/34 6C07D 401/12 6C07D 403/12 6C07D 417/12 6C07D 209/30 6A61K 31/40 6A61K 31/415 6A61K 31/425 6A61K 31/44 6A61K 31/47 6A61K 31/55**  
[25] EN  
[54] **SUBSTITUTED INDOLINONES, THE PRODUCTION THEREOF AND THEIR USE AS MEDICAMENTS**  
[54] **INDOLINONES SUBSTITUEES, LEUR PRODUCTION ET LEUR UTILISATION COMME MEDICAMENTS**  
[72] WALTER, RAINER, DE  
[72] GRELL, WOLFGANG, DE  
[72] REDEMANN, NORBERT, DE  
[72] VAN MEEL, JACOBUS C. A., DE  
[72] HECKEL, ARMIN, DE  
[71] BOEHRINGER INGELHEIM PHARMA KG, DE  
[85] 2000-10-11  
[86] 1999-05-28 (PCT/EP99/03692)  
[87] 1999-12-09 (WO99/62882)  
[30] DE (198 24 922.5) 1998-06-04

[21] **2,328,293**  
[13] A1

[51] **Int.Cl. 6H04L 7/04 6H04L 7/033**  
[25] FR  
[54] **PROCEDE DE SYNCHRONISATION FINE SUR UN SIGNAL RECU D'UN CANAL DE TRANSMISSION**  
[54] **METHOD FOR FINE SYNCHRONISATION ON A SIGNAL RECEIVED FROM A TRANSMISSION CHANNEL**  
[72] BEN RACHED, NIDHAM, FR  
[72] DORNSTETTER, JEAN-LOUIS, FR  
[71] NORTEL MATRA CELLULAR, FR  
[85] 2000-10-06  
[86] 1999-04-09 (PCT/FR99/00835)  
[87] 1999-10-21 (WO99/53645)  
[30] US (98/04782) 1998-04-10

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[13] A1

[51] **Int.Cl. 6C07K 14/025 6C07K 14/16 6A61K 39/295 6A61K 47/48**  
[25] FR  
[54] **LIPOPEPTIDES INDUCTEURS DE CYTOTOXICITE T LYMPHOCYTAIRE PORTANT AU MOINS UN EPITOPE T AUXILIAIRE, ET LEURS UTILISATIONS POUR LA VACCINATION**  
[54] **LIPOPEPTIDES INDUCING T LYMPHOCYTIC CYTOTOXICITY BEARING AT LEAST ONE AUXILIARY T EPITOPE, AND USES FOR VACCINATION**  
[72] TARTAR, ANDRE, FR  
[72] GUILLET, JEAN GERARD, FR  
[72] LE GAL, FREDERIQUE ANNE, FR  
[72] GAHERY-SEGARD, HANNE, FR  
[72] GRAS-MASSE, HELENE, FR  
[72] MELNYK, OLEG, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR  
[71] INSTITUT PASTEUR DE LILLE, FR  
[85] 2000-10-06  
[86] 1999-04-06 (PCT/FR99/00792)  
[87] 1999-10-14 (WO99/51630)  
[30] FR (98/04323) 1998-04-07

[21] **2,328,296**  
[13] A1

[51] **Int.Cl. 6A61L 27/00**  
[25] EN  
[54] **ENCAPSULATION DEVICES WITH STRAND, YARN OR MESH CORE**  
[54] **DISPOSITIFS D'ENROBAGE A NOYAU FORME DE TORONS, DE FILS OU DE MAILLES**  
[72] LI, REBECCA, US  
[72] RHEIN, DAVID, US  
[71] NEUROTECH S.A., FR  
[85] 2000-10-13  
[86] 1999-04-13 (PCT/US99/08054)  
[87] 1999-10-21 (WO99/52573)  
[30] US (60/081,512) 1998-04-13  
[30] US (09/289,999) 1999-04-12

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[21] **2,328,298**  
[13] A1

[51] **Int.Cl. 6G01N 27/447 6B01D 57/02 6G01N 1/34 6C12Q 1/68**  
[25] FR  
[54] **PROCEDE D'ELECTRO-SEPARATION D'UN ECHANTILLON BIOLOGIQUE ET DISPOSITIF DE MISE EN OEUVRE**  
[54] **METHOD FOR ELECTROELUTION OF A BIOLOGICAL SAMPLE AND IMPLEMENTING DEVICE**  
[72] BARRAL-CADIERE, SOPHIE, FR  
[72] COLIN, BRUNO, FR  
[72] RODRIGUE, MARC, FR  
[72] SANTORO, LYSE, FR  
[72] BROYER, PATRICK, FR  
[71] BIO MERIEUX, FR  
[85] 2000-10-10  
[86] 1999-04-09 (PCT/FR99/00830)  
[87] 1999-10-21 (WO99/53304)  
[30] FR (98/04878) 1998-04-10

[21] **2,328,299**  
[13] A1

[51] **Int.Cl. 6C07D 301/12 6C07D 301/14 6C07D 301/19**  
[25] EN  
[54] **KINETIC RESOLUTION OF OLEFINS**  
[54] **RESOLUTION CINETIQUES D'OLEFINES**  
[72] SHI, YIAN, US  
[71] COLORADO STATE UNIVERSITY RESEARCH FOUNDATION, US  
[85] 2000-10-13  
[86] 1999-04-16 (PCT/US99/08418)  
[87] 1999-10-21 (WO99/52886)  
[30] US (60/082,029) 1998-04-16

[21] **2,328,300**  
[13] A1

[51] **Int.Cl. 6A01N 61/00 6A01N 65/00 6A01N 63/02 6A01N 63/04 6A01N 57/12 6A01N 43/16 6A01N 59/26 6A01N 37/40 6A01N 37/46 6A01N 43/82**  
[25] FR  
[54] **NOUVELLE UTILISATION DE COMPOSES ANTIFONGIQUES ET/OU ANTIBACTERIENS ET/OU ANTIVIRAUX**  
[54] **NOVEL USE OF ANTIFUNGAL AND/OR ANTIBACTERIAL AND/OR ANTIVIRAL COMPOUNDS**  
[72] LATORSE, MARIE-PASCALE, FR  
[72] SAINDRENAN, PATRICK, FR  
[72] KOPP, MARGUERITE, FR  
[72] LABOURDETTE, GILBERT, FR  
[72] FRITIG, BERNARD, FR  
[71] AVENTIS CROPS SCIENCE S.A., FR  
[85] 2000-10-10  
[86] 1999-04-12 (PCT/FR99/00844)  
[87] 1999-10-28 (WO99/53761)  
[30] FR (98/05043) 1998-04-16  
[30] FR (99/01811) 1999-02-11

[21] **2,328,302**  
[13] A1

[51] **Int.Cl. 6G01N 33/552 6G01N 33/551**  
[25] FR  
[54] **FIXATION D'UNE MOLECULE BIOLOGIQUE SUR UNE SURFACE D'UN SUPPORT**  
[54] **METHOD FOR FIXING A BIOLOGICAL MOLECULE ON A SUPPORT SURFACE**  
[72] PEROUZEL, ERIC, FR  
[72] HEBRARD, CHRISTINE, FR  
[72] MALLET, FRANCOIS, FR  
[72] THERETZ, ALAIN, FR  
[71] BIO MERIEUX, FR  
[85] 2000-10-10  
[86] 1999-04-12 (PCT/FR99/00848)  
[87] 1999-10-21 (WO99/53321)  
[30] FR (98/04879) 1998-04-10

[21] **2,328,310**  
[13] A1

[51] **Int.Cl. 7G01S 5/14 7G01S 1/04 7H04B 1/707**  
[25] EN  
[54] **FAST ACQUISITION, HIGH SENSITIVITY GPS RECEIVER**  
[54] **RECEPTEUR GPS A ACQUISITION RAPIDE ET A GRANDE SENSIBILITE**  
[72] KRASNER, NORMAN F., US  
[71] SNAPTRACK, INC., US  
[85] 2000-10-13  
[86] 1998-04-14 (PCT/US98/07471)  
[87] 2000-02-24 (WO00/10030)

[21] **2,328,311**  
[13] A1

[51] **Int.Cl. 6B25B 21/00 6F16H 33/02 6H02K 7/02 6H02K 7/14**  
[25] FR  
[54] **MACHINE PORTE-OUTILS A ENTRAINEMENT ROTATIF SANS REACTION DE COUPLE**  
[54] **ROTARY DRIVE TOOL-CARRYING MACHINE WITH NO REACTION TORQUE**  
[72] BRAIBANT, VINCENT, FR  
[72] DE SMET, GABRIEL, FR  
[71] ASSOCIATION LEONARD DE VINCI, FR  
[85] 2000-10-12  
[86] 1999-04-14 (PCT/FR99/00880)  
[87] 1999-10-21 (WO99/52684)  
[30] FR (98/04634) 1998-04-14

[21] **2,328,315**  
[13] A1

[51] **Int.Cl. 7C03C 10/02 7G09F 13/22**  
[25] EN  
[54] **DISPLAY PANEL BACKPLATE**  
[54] **PLAQUE ARRIERE DE PANNEAU D'AFFICHAGE**  
[72] TROTTER, DONALD M., JR., US  
[72] STEWART, RONALD L., US  
[72] PINCKNEY, LINDA R., US  
[71] CORNING INCORPORATED, US  
[85] 2000-10-13  
[86] 1999-04-27 (PCT/US99/08955)  
[87] 1999-11-18 (WO99/58463)  
[30] US (60/085,122) 1998-05-12

[21] **2,328,317**  
[13] A1

[51] **Int.Cl. 6A61L 2/18**  
[25] EN  
[54] **DEVICE FOR PACKAGING AND TREATING BACTERICIDE FOR CONTACT LENSES**  
[54] **DISPOSITIF DE CONDITIONNEMENT ET DE TRAITEMENT BACTERICIDE POUR LENTILLES DE CONTACT**  
[72] BOUGAMONT, JEAN-LOUIS, FR  
[72] HENNEMANN, PASCAL, FR  
[72] LEULIET, DAVID, FR  
[71] REXAM SOFAB, FR  
[85] 2000-10-13  
[86] 1999-04-13 (PCT/FR99/00858)  
[87] 1999-10-21 (WO99/52568)  
[30] FR (98/04612) 1998-04-14

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[21] **2,328,318**  
[13] A1

[51] **Int.Cl. 7B01D 57/02 7E02D 3/11 7E04B 1/70**  
[25] EN  
[54] **METHOD FOR DEHYDRATING A POROUS MATERIAL**  
[54] **PROCEDE DE DESHYDRATATION D'UN CORPS POREUX**  
[72] OLSON, HENNING, DK  
[72] BJERKE, EGIL, US  
[71] DRYTRONIC, INC., US  
[85] 2000-10-12  
[86] 1999-04-15 (PCT/US99/08312)  
[87] 1999-10-21 (WO99/52615)  
[30] US (09/060,616) 1998-04-15

[21] **2,328,323**  
[13] A1

[51] **Int.Cl. 6B65D 47/34 6B05B 11/00**  
[25] EN  
[54] **DEVICE FOR PRE-POSITIONING A COVERING COLLAR ON A PUSH-BUTTON**  
[54] **DISPOSITIF POUR LE PREPOSITIONNEMENT D'UNE COLLERETTE D'HABILLAGE SUR UN BOUTON-POUSSOIR**  
[72] BOUGAMONT, JEAN-LOUIS, FR  
[72] DUMONT, PIERRE, FR  
[72] LOMPECH, HERVE, FR  
[71] REXAM SOFAB, FR  
[85] 2000-10-13  
[86] 1999-04-13 (PCT/FR99/00859)  
[87] 1999-10-21 (WO99/52786)  
[30] FR (98/04613) 1998-04-14

[21] **2,328,331**  
[13] A1

[51] **Int.Cl. 6A61K 31/455 6A61K 31/70**  
[25] EN  
[54] **COMPOSITION COMPRISING L-CARNITINE OR AN ALKANOYL L-CARNITINE AND NADH AND/OR NADPH**  
[54] **COMPOSITION COMPRENANT DE LA L-CARNITINE OU UN ALCANOYL L-CARNITINE ET NADH ET/OU NADPH**  
[72] CAVAZZA, CLAUDIO, IT  
[71] SIGMA-TAU HEALTHSCIENCE S.P.A., IT  
[85] 2000-10-13  
[86] 1999-04-14 (PCT/IT99/00088)  
[87] 1999-10-28 (WO99/53921)  
[30] IT (RM98A000238) 1998-04-17

[21] **2,328,333**  
[13] A1

[51] **Int.Cl. 6B65H 37/00**  
[25] EN  
[54] **HAND-HELD APPARATUS FOR TRANSFERRING A FILM FROM A CARRIER TAPE ONTO A SUBSTRATE**  
[54] **APPAREIL A MAIN PERMETTANT DE TRANSFERER SUR UN SUBSTRAT UN FILM APPLIQUE SUR UNE BANDE SUPPORT**  
[72] SEMMLER, GEORG, DE  
[71] BIC DEUTSCHLAND GMBH & CO., DE  
[85] 2000-10-13  
[86] 1999-04-15 (PCT/EP99/02546)  
[87] 1999-10-28 (WO99/54246)  
[30] DE (198 16 925.6) 1998-04-16

[21] **2,328,344**  
[13] A1

[51] **Int.Cl. 6A61K 9/20**  
[25] EN  
[54] **METHOD FOR THE TREATMENT OF ASTHMA**  
[54] **PROCEDE DE TRAITEMENT DE L'ASTHME**  
[72] DOSOMU-JONHSON, THOMAS, US  
[71] DOSOMU-JONHSON, THOMAS, US  
[85] 2000-10-13  
[86] 1999-04-15 (PCT/US99/08226)  
[87] 1999-10-21 (WO99/52508)  
[30] US (09/061,497) 1998-04-16

[21] **2,328,350**  
[13] A1

[51] **Int.Cl. 6B21B 31/18**  
[25] EN  
[54] **ROLL STAND WITH AXIALLY DISPLACEABLE ROLLS**  
[54] **CAGE DE LAMINOIR DOTEE DE CYLINDRES A DEPLACEMENT AXIAL**  
[72] KNEPPE, GUNTER, DE  
[72] ROEINGH, KONRAD, DE  
[72] MULLER, KARL-FRIEDRICH, DE  
[72] MULLER, HEINZ-ADOLF, DE  
[71] SMS SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT, DE  
[85] 2000-10-13  
[86] 1999-04-13 (PCT/EP99/02465)  
[87] 1999-10-21 (WO99/52657)  
[30] DE (198 16 602.8) 1998-04-15

[21] **2,328,352**  
[13] A1

[51] **Int.Cl. 7H04B 7/26 7H04Q 7/00 7H04B 7/216**  
[25] EN  
[54] **POWER CONTROL APPARATUS AND METHOD FOR INTER-FREQUENCY HANDOFF IN CDMA COMMUNICATION SYSTEM**  
[54] **APPAREIL ET DISPOSITIF DE COMMANDE DE PUISSANCE POUR TRANSFERT INTER-FREQUENCE DANS UN SYSTEME DE COMMUNICATION AMCR**  
[72] PARK, CHANG-SOO, KR  
[72] KANG, HEE-WON, KR  
[72] AHN, JAE-MIN, KR  
[72] KIM, JAE-YOEL, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2000-10-11  
[86] 2000-02-14 (PCT/KR00/00114)  
[87] 2000-08-17 (WO00/48335)  
[30] KR (1999/5263) 1999-02-13

[21] **2,328,357**  
[13] A1

[51] **Int.Cl. 6A61K 31/195**  
[25] EN  
[54] **REMEDIES FOR PRIMARY BILIARY CIRRHOSIS**  
[54] **REMEDES CONTRE LA CIRRHOSE BILIAIRE PRIMITIVE**  
[72] SOUNAKA, ICHIROU, JP  
[72] NISHIGUCHI, SHUHEI, JP  
[71] THE CITY OF OSAKA, JP  
[71] AJINOMOTO CO., INC., JP  
[85] 2000-10-13  
[86] 1999-04-15 (PCT/JP99/02012)  
[87] 1999-10-28 (WO99/53914)  
[30] JP (10/105274) 1998-04-16

[21] **2,328,360**  
[13] A1

[51] **Int.Cl. 6A61K 31/66**  
[25] EN  
[54] **IMPROVEMENTS IN OR RELATING TO PROTEASE INHIBITORS**  
[54] **PERFECTIONNEMENT SE RAPPORTANT AUX INHIBITEURS DE PROTEASE**  
[72] JOHNSON, MARTIN, GB  
[72] RICHARDS, PAUL, GB  
[72] RAY, DAVID, GB  
[71] BAYER AG, DE  
[85] 2000-10-13  
[86] 1999-04-14 (PCT/GB99/01129)  
[87] 1999-10-21 (WO99/52516)  
[30] GB (9807931.2) 1998-04-15

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[21] **2,328,362**  
[13] A1  
[51] **Int.Cl. 6G06F 15/00**  
[25] EN  
[54] **UNIFIED COMPUTING AND COMMUNICATION ARCHITECTURE (UCCA)**  
[54] **ARCHITECTURE DE CALCUL ET DE COMMUNICATION UNIFIEE**  
[72] HOLCOMB, GRANT K., US  
[71] TERAGLOBAL COMMUNICATIONS CORP., US  
[85] 2000-10-11  
[86] 1999-11-19 (PCT/US99/27587)  
[87] 2000-05-25 (WO00/29966)  
[30] US (60/109,420) 1998-11-19

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[21] **2,328,364**  
[13] A1  
[51] **Int.Cl. 6C07D 307/58 6C08F 224/00 6C23F 15/00 6C23F 14/02 6A01N 43/08 6A61K 31/34**  
[25] EN  
[54] **PRODUCTION OF FURANONES**  
[54] **PRODUCTION DE FURANONES**  
[72] READ, ROGER, AU  
[72] KUMAR, NARESH, AU  
[71] UNISEARCH LIMITED, AU  
[85] 2000-10-13  
[86] 1999-04-16 (PCT/AU99/00285)  
[87] 1999-10-28 (WO99/54323)  
[30] AU (PP 2978) 1998-04-16

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[21] **2,328,367**  
[13] A1  
[51] **Int.Cl. 7B01J 2/06 7B01J 13/04**  
[25] EN  
[54] **METHOD AND DEVICE FOR PRODUCING SOLID PARTICLES FROM A LIQUID MEDIUM**  
[54] **PROCEDE ET DISPOSITIF DE FABRICATION DE PARTICULES SOLIDES A PARTIR D'UN MILIEU LIQUIDE**  
[72] VORLOP, KLAUS-DIETER, DE  
[72] PRUSSE, ULF, DE  
[72] BREFORD, JURGEN, DE  
[71] VORLOP, KLAUS-DIETER, DE  
[85] 2000-10-13  
[86] 2000-01-13 (PCT/DE00/00097)  
[87] 2000-08-24 (WO00/48722)  
[30] DE (199 06 509.8) 1999-02-17

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[21] **2,328,368**  
[13] A1  
[51] **Int.Cl. 6A61K 31/35 6A61K 31/05**  
[25] EN  
[54] **USE OF CANNABINOIDS AS ANTI-INFLAMMATORY AGENTS**  
[54] **UTILISATION DE CANNABINOIDES COMME AGENTS ANTI-INFLAMMATOIRES**  
[72] MECHOULAM, RAPHAEL, IL  
[72] GALLILY, RUTH, IL  
[72] FELDMANN, MARC, GB  
[72] MALFAIT, ANNE-MARIE, GB  
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALE, IL  
[71] THE MATHILDA & TERENCE KENNEDY INSTITUTE OF RHEUMATOLOGY, GB  
[85] 2000-10-11  
[86] 1999-04-14 (PCT/GB99/01140)  
[87] 1999-10-21 (WO99/52524)  
[30] GB (9807639.1) 1998-04-14

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[21] **2,328,372**  
[13] A1  
[51] **Int.Cl. 6E03D 13/00**  
[25] EN  
[54] **URINAL ATTACHMENT FOR A TOILET**  
[54] **EQUIPEMENT D'URINOIR POUR CUVETTE DES TOILETTES**  
[72] MIUCCIO, EDWARD, US  
[71] MIUCCIO, EDWARD, US  
[85] 2000-10-13  
[86] 1998-04-13 (PCT/US98/07292)  
[87] 1998-10-22 (WO98/46837)  
[30] US (08/842,921) 1997-04-14

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[21] **2,328,373**  
[13] A1  
[51] **Int.Cl. 6H02K 7/14 6F16K 31/04 6H02K 7/10 6H02P 5/17**  
[25] EN  
[54] **AN ELECTRICALLY OPERATED VALVE OR DAMPER ACTUATOR HAVING AN ELECTRIC MOTOR DIRECTLY COUPLED TO THE ACTUATOR DRIVE SHAFT**  
[54] **POUSSOIR ELECTRIQUE POUR SOUPEPE OU VOLET, COMPORTANT UN MOTEUR ELECTRIQUE DIRECTEMENT COUPLE A SON ARBRE D'ENTRAINEMENT**  
[72] KILLOW, DOUGLAS, AU  
[72] WHITWORTH, CHRISTOPHER JOHN, AU  
[71] TRANSFIELD PTY. LIMITED, AU  
[85] 2000-10-11  
[86] 1999-04-16 (PCT/AU99/00283)  
[87] 1999-10-28 (WO99/54987)  
[30] AU (PP 3002) 1998-04-16  
[30] AU (PP 8827) 1999-02-22

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[21] **2,328,377**  
[13] A1  
[51] **Int.Cl. 6C12Q 1/68 6G01N 33/574**  
[25] EN  
[54] **A NOVEL METHOD OF DIAGNOSING, MONITORING, AND STAGING PROSTATE CANCER**  
[54] **NOUVEAU PROCEDE DE DIAGNOSTIC, DE SURVEILLANCE ET DE STADIFICATION DU CANCER DE LA PROSTATE**  
[72] SUN, YONGMING, US  
[72] CAFFERKEY, ROBERT, US  
[72] ALI, SHUJATH, US  
[72] SALCEDA, SUSANA, US  
[71] DIADEXUS LLC, US  
[85] 2000-11-15  
[86] 1999-05-12 (PCT/US99/10548)  
[87] 1999-11-25 (WO99/60162)  
[30] US (60/086,265) 1998-05-21

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[13] A1  
[51] **Int.Cl. 6C08L 23/08 6B32B 27/08 6C09J 123/08 6C08J 5/18 6C09J 123/20 6C08L 23/20**  
[25] EN  
[54] **TERNARY POLYMER BLEND, THE FILM CONTAINING IT, AND THE EASY-TO-OPEN PACKAGE MADE THEREWITH**  
[54] **MELANGE TERNAIRE DE POLYMERES, FILM CONTENANT CE MELANGE ET EMBALLAGE D'OUVERTURE FACILE FAIT DE CE FILM**  
[72] LONGO, EUGENIO, IT  
[71] CRYOVAC INC., US  
[85] 2000-10-11  
[86] 1999-04-09 (PCT/EP99/02411)  
[87] 1999-10-28 (WO99/54398)  
[30] EP (98106960.2) 1998-04-16

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[21] **2,328,379**  
[13] A1  
[51] **Int.Cl. 6G06F 15/16 6G06F 17/30**  
[25] EN  
[54] **METHOD AND APPARATUS TO CONTROL A CLIENT IN A COMMUNICATIONS NETWORK**  
[54] **PROCEDE ET APPAREIL DE COMMANDE DE CLIENT DANS UN RESEAU DE COMMUNICATION**  
[72] VITALE, BENJAMIN F., US  
[72] ZENEL, BRUCE A., US  
[72] MARUR, VINOD R., US  
[72] DULAI, DHARMENDER S., US  
[71] JUNO ONLINE SERVICES, INC., US  
[85] 2000-10-13  
[86] 1999-04-14 (PCT/US99/08058)  
[87] 1999-10-21 (WO99/53408)  
[30] US (09/059,468) 1998-04-14

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[21] **2,328,380**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/22**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DELIVERY OF SHORT MESSAGE SERVICE MESSAGES TO A RESTRICTED GROUP OF SUBSCRIBERS**  
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION DE MESSAGES D'UN SERVICE DE MESSAGES COURTS A UN GROUPE RESTREINT D'ABONNES**  
[72] ALPEROVICH, VLADIMIR, US  
[72] VALENTINE, ERIC, US  
[71] ERICSSON INC., US  
[85] 2000-10-11  
[86] 1999-05-03 (PCT/US99/09640)  
[87] 1999-11-11 (WO99/57927)  
[30] US (09/071,402) 1998-05-01

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[21] **2,328,382**  
[13] A1  
[51] **Int.Cl. 6C08F 226/06 6C07H 21/00 6C08F 26/06 6C07D 233/90**  
[25] EN  
[54] **COMPOUNDS AND POLYMERS FORMED FROM IMIDAZOLES**  
[54] **COMPOSES ET POLYMERES FORMES A PARTIR D'IMIDAZOLES**  
[72] JOHNSON, DAVID M., US  
[72] REYBUCK, SARAH E., US  
[72] LAWTON, RICHARD G., US  
[72] RASMUSSEN, PAUL G., US  
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US  
[85] 2000-10-11  
[86] 1999-02-01 (PCT/US99/02153)  
[87] 1999-10-21 (WO99/52956)  
[30] US (09/059,800) 1998-04-14

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[21] **2,328,383**  
[13] A1  
[51] **Int.Cl. 6G11B 17/04**  
[25] EN  
[54] **DISC UNIT**  
[54] **UNITE DE DISQUE**  
[72] MORIMOTO, TAKAO, JP  
[72] SATO, MASAO, JP  
[72] FUJIWARA, TATSUNORI, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[85] 2000-10-11  
[86] 1999-02-12 (PCT/JP99/00597)  
[87] 2000-08-17 (WO00/48186)

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[21] **2,328,384**  
[13] A1  
[51] **Int.Cl. 6B43L 19/00 6A45D 40/26**  
[25] EN  
[54] **APPLICATOR FOR CORRECTION FLUID**  
[54] **APPLICATEUR DE FLUIDES CORRECTEURS**  
[72] PANDA, APARAJIT, US  
[71] THE GILLETTE COMPANY, US  
[85] 2000-10-11  
[86] 1999-04-20 (PCT/US99/08610)  
[87] 1999-10-28 (WO99/54151)  
[30] US (09/065,008) 1998-04-23

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[21] **2,328,386**  
[13] A1  
[51] **Int.Cl. 6C12N 15/11 6C07K 14/00 6C07K 16/00 6C12N 15/63 6C12N 15/85 6C12N 15/86**  
[25] EN  
[54] **INSECT CONTROL GENE DSF AND METHODS OF USE**  
[54] **GENE ANTI-INSECTES DSF ET PROCEDES D'UTILISATION**  
[72] PITTMAN, JEFF L., US  
[72] MCKEOWN, MICHAEL, US  
[72] FINLEY, KIM D., US  
[71] THE SALK INSTITUTE FOR BIOLOGICAL STUDIES, US  
[85] 2000-11-17  
[86] 1999-05-18 (PCT/US99/11083)  
[87] 1999-11-25 (WO99/60114)  
[30] US (60/085,877) 1998-05-18

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[21] **2,328,387**  
[13] A1  
[51] **Int.Cl. 6C07C 5/22 6C07C 4/12**  
[25] EN  
[54] **XYLENE ISOMERIZATION**  
[54] **ISOMERISATION DU XYLENE**  
[72] STERN, DAVID LAWRENCE, US  
[72] LISSY, DARIA NOWAKIWSKA, US  
[72] KOWALSKI, JOCELYN ANNE, US  
[72] MATHIAS, MARK FISCHER, US  
[72] CRANE, ROBERT ANDREW JR., US  
[72] BECK, JEFFREY SCOTT, US  
[71] MOBIL OIL CORPORATION, US  
[85] 2000-10-13  
[86] 1999-04-12 (PCT/US99/07969)  
[87] 1999-10-21 (WO99/52842)  
[30] US (09/059,854) 1998-04-14

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[21] **2,328,388**  
[13] A1

[51] **Int.Cl. 6C09D 5/44 6C08G 18/08**  
[25] EN  
[54] **A PROCESS FOR FORMING A TWO-COAT ELECTRODEPOSITED COMPOSITE COATING, THE COMPOSITE COATING AND CHIP RESISTANT ELECTRODEPOSITED COATING COMPOSITION**  
[54] **PROCEDE PERMETTANT DE FORMER PAR ELECTRODEPOSITION UN REVETEMENT COMPOSITE A DEUX COUCHES, REVETEMENT COMPOSITE ET COMPOSITION DE REVETEMENT RESISTANTE A L'ECAILLAGE FABRIQUEE PARELECTRODEPOSITION**  
[72] SZYMANSKI, CHESTER, J., US  
[72] VAN BUSKIRK, ELLOR, J., US  
[72] WILSON, CRAIG, A., US  
[72] CORRIGAN, VICTOR, G., US  
[72] ESWARAKRISHNAN, VENKATACHALAM, US  
[72] MCCOLLUM, GREGORY, J., US  
[72] FAUCHER, PHILIPPE, FR  
[72] RITTER, KEITH, S., US  
[72] ZWACK, ROBERT, R., US  
[72] PALAIKA, THOMAS, US  
[72] POOLE, JAMES, E., US  
[72] SYPUT, RICHARD, F., US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2000-10-13  
[86] 1999-05-25 (PCT/US99/11507)  
[87] 1999-12-02 (WO99/61532)  
[30] US (60/086,693) 1998-05-26  
[30] US (60/086,707) 1998-05-26  
[30] US (09/309,851) 1999-05-11

[21] **2,328,390**  
[13] A1

[51] **Int.Cl. 6A41B 13/10**  
[25] EN  
[54] **BIB HAVING SIDE EDGES WITH STRESS RELIEF MEANS**  
[54] **BAVOIR A BORDS LATERAUX MUNIS DE MOYENS DE SOULAGEMENT DE CONTRAINTE**  
[72] JACKSON, BEVERLY JULIAN, US  
[72] GUPTA, AMIT, US  
[72] LAMPSON, PATRICIA LEE, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-10-11  
[86] 1999-03-02 (PCT/IB99/00346)  
[87] 1999-09-16 (WO99/45803)  
[30] US (09/036,562) 1998-03-09

[21] **2,328,393**  
[13] A1

[51] **Int.Cl. 6H01M 2/16 6H01M 6/04**  
[25] EN  
[54] **BATTERY SEPARATOR**  
[54] **SEPARATEUR D'ACCUMULATEUR**  
[72] YEN, WILLIAM W., US  
[71] DURACELL INC., US  
[85] 2000-10-11  
[86] 1999-04-12 (PCT/US99/07968)  
[87] 1999-10-21 (WO99/53555)  
[30] US (09/060,602) 1998-04-15

[21] **2,328,394**  
[13] A1

[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6C12N 15/29 6C07K 14/415**  
[25] EN  
[54] **TRANSGENIC PLANTS WITH A MODIFIED ACTIVITY OF A PLASTIDIAL ADP/ATP TRANSLOCATOR**  
[54] **VEGETAUX TRANSGENIQUES PRESENTANT L'ACTIVITE MODIFIEE D'UN TRANSLOCATEUR D'ADP/ATP PLASTIDIEN**  
[72] MARTINI, NORBERT, DE  
[72] GRAEVE-KAMPFENKEL, KARL-HEINZ, DE  
[72] TJADEN, JOACHIM, DE  
[72] SCHELL, JOZEF, DE  
[72] MOEHLMANN, TORSTEN, DE  
[72] NEUHAUS, EKKEHARD, DE  
[71] PLANTTEC BIOTECHNOLOGIE GMBH FORSCHUNG & ENTWICKLUNG, DE  
[85] 2000-11-14  
[86] 1999-05-12 (PCT/EP99/03292)  
[87] 1999-11-18 (WO99/58654)  
[30] DE (198 21 442.1) 1998-05-13

[21] **2,328,396**  
[13] A1

[51] **Int.Cl. 6C07C 237/36 6C07D 209/14 6C07D 295/155 6A61K 31/16 6C07C 237/20 6C07C 237/22 6C07C 237/32 6A61K 31/395 6C07D 233/64 6C07D 213/82**  
[25] EN  
[54] **NEW SUBSTITUTED AMIDES, THEIR PRODUCTION AND THEIR USE**  
[54] **INHIBITEURS DE PROTEASE DE CYSTEINE**  
[72] TREIBER, HANS-JORG, DE  
[72] MOLLER, ACHIM, DE  
[72] LUBISCH, WILFRIED, DE  
[72] KNOPP, MONIKA, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-10-11  
[86] 1999-04-20 (PCT/EP99/02633)  
[87] 1999-10-28 (WO99/54310)  
[30] DE (198 18 615.0) 1998-04-20

[21] **2,328,397**  
[13] A1

[51] **Int.Cl. 7A61K 38/17 7C12N 15/15 7C07K 14/435 7C07K 14/81**  
[25] EN  
[54] **HUMAN ANTITHROMBIN IIIS AND METHODS RELATED THERETO**  
[54] **ANTITHROMBINES III HUMAINES ET PROCEDES CONNEXES**  
[72] PICARD, VERONIQUE, FR  
[72] ZENDEHROUH, PEDRAM, US  
[72] BOCK, SUSAN C., US  
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US  
[71] TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US  
[85] 2000-11-10  
[86] 1999-05-12 (PCT/US99/10549)  
[87] 1999-11-18 (WO99/58098)  
[30] US (60/085,197) 1998-05-12  
[30] US (09/305,588) 1999-05-05



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[21] **2,328,399**  
[13] A1  
[51] **Int.Cl. 6C12N 15/31 6C07H 21/04 6A61K 38/04 6A61K 39/09 6C07K 16/12 6A61K 38/16 6C07K 14/195 6C07K 14/315 6C12N 15/63 6C12Q 1/68**  
[25] EN  
[54] **PNEUMOCOCCAL SURFACE PROTEIN C(PSPC), EPITOPIC REGIONS AND STRAIN SELECTION THEREOF, AND USES THEREFOR**  
[54] **PROTEINE DE SURFACE PNEUMOCOCCIQUE C(PSPC), REGIONS EPITOPES ET SELECTION DE SOUCHES D'UNE TELLE PROTEINE, ET UTILISATIONS CORRESPONDANTES**  
[72] HOLLINGSHEAD, SUSAN K., US  
[72] BRILES, DAVID E., US  
[72] BROOKS-WALTER, ALEXIS, US  
[71] UNIVERSITY OF ALABAMA AT BIRMINGHAM, US  
[85] 2000-10-20  
[86] 1999-04-23 (PCT/US99/08895)  
[87] 1999-10-28 (WO99/53940)  
[30] US (60/082,728) 1998-04-23

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[21] **2,328,400**  
[13] A1  
[51] **Int.Cl. 6G01N 27/447**  
[25] EN  
[54] **CONTROL OF FLOW AND MATERIALS FOR MICRO DEVICES**  
[54] **REGULATION DU FLUX ET DES MATIERES DESTINEE A DES MICRO-DISPOSITIFS**  
[72] HAYES, MARK A., US  
[72] POLSON, NOLAN A., US  
[71] ARIZONA BOARD OF REGENTS, US  
[85] 2000-10-11  
[86] 1999-06-11 (PCT/US99/13340)  
[87] 1999-12-16 (WO99/64851)  
[30] US (60/088,956) 1998-06-11

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[21] **2,328,401**  
[13] A1  
[51] **Int.Cl. 6G01N 33/566 6C07G 17/00 6C12Q 1/00**  
[25] EN  
[54] **MULTI-PARTITE LIGANDS AND METHODS OF IDENTIFYING AND USING SAME**  
[54] **LIGANDS MULTI-SEPARES ET LEURS PROCEDES D'IDENTIFICATION ET D'UTILISATION**  
[72] SEM, DANIEL, US  
[71] TRIAD THERAPEUTICS, INC., US  
[85] 2000-11-17  
[86] 1999-05-21 (PCT/US99/11381)  
[87] 1999-11-25 (WO99/60404)  
[30] US (09/083,537) 1998-05-21

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[21] **2,328,403**  
[13] A1  
[51] **Int.Cl. 7C12N 15/31 7A61K 48/00 7A61P 31/04 7A61K 39/095 7C12N 5/10 7C07K 16/12 7C07K 14/22 7G01N 33/53 7C12Q 1/68**  
[25] EN  
[54] **BASB029 POLYNUCLEOTIDE(S) AND POLYPEPTIDES FROM NEISSERIA MENINGITIDIS**  
[54] **POLYNUCLEOTIDE(S) ET POLYPEPTIDES BASB029 DERIVES DE NEISSERIA MENINGITIDIS**  
[72] RUELLE, JEAN-LOUIS, BE  
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE  
[85] 2000-11-10  
[86] 1999-05-07 (PCT/EP99/03255)  
[87] 1999-11-18 (WO99/58683)  
[30] GB (9810276.7) 1998-05-13

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[21] **2,328,404**  
[13] A1  
[51] **Int.Cl. 6C12N 15/86 6C12N 5/10**  
[25] EN  
[54] **NOVEL LENTIVIRAL PACKAGING CELLS**  
[54] **NOUVELLES CELLULES LENTIVIRALES D'ENCAPSIDATION**  
[72] WESTERMAN, KAREN, US  
[72] LEBOULCH, PHILIPPE, US  
[71] GENETIX PHARMACEUTICALS, INC., US  
[85] 2000-11-10  
[86] 1999-05-13 (PCT/US99/10585)  
[87] 1999-11-18 (WO99/58701)  
[30] US (60/085,283) 1998-05-13

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[21] **2,328,405**  
[13] A1  
[51] **Int.Cl. 6C12N 15/12 6A61K 39/00 6A61K 48/00 6C07K 17/00 6C12N 15/00 6C07H 21/02 6C12P 21/04 6C12N 5/10 6C12N 1/20 6C12N 15/63 6C12Q 1/68 6A61K 31/70**  
[25] EN  
[54] **TUMOR ASSOCIATED ANTIGEN ENCODED BY THE REVERSE STRAND OF A NEW UBIQUITOUSLY EXPRESSED GENE**  
[54] **ANTIGENE A ASSOCIATION TUMORALE CODE PAR LE BRIN ANTISENS D'UN NOUVEAU GENE A EXPRESSION UBIQUISTE**  
[72] VAN DEN EYNDE, BENOIT, BE  
[72] BOON-FALLEUR, THIERRY, BE  
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH, US  
[85] 2000-11-10  
[86] 1999-05-13 (PCT/US99/10424)  
[87] 1999-11-18 (WO99/58546)  
[30] US (60/085,318) 1998-05-13

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[21] **2,328,406**  
[13] A1  
[51] **Int.Cl. 6C12N 15/11 6A61K 45/00 6C07H 21/04 6A61K 39/39 6A61K 31/70**  
[25] EN  
[54] **METHODS FOR REGULATING HEMATOPOIESIS USING CPG-OLIGONUCLEOTIDES**  
[54] **PROCEDES DE REGULATION DE L'HEMATOPOIESE AU MOYEN D'OLIGONUCLEOTIDES A CPG**  
[72] WAGNER, HERMANN, DE  
[72] LIPFORD, GRAYSON, DE  
[71] CPG IMMUNOPHARMACEUTICALS, INC., US  
[71] CPG IMMUNOPHARMACEUTICALS GMBH, DE  
[85] 2000-11-10  
[86] 1999-05-14 (PCT/IB99/01285)  
[87] 1999-11-18 (WO99/58118)  
[30] US (60/085,516) 1998-05-14  
[30] US (09/241,653) 1999-02-02

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,328,411</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/565</b> [25] EN [54] <b>GLUCOCORTICOID RECEPTOR ANTAGONISTS FOR THE TREATMENT OF DEMENTIA</b> [54] <b>ANTAGONISTES DU RECEPTEUR DE GLUCOCORTICOIDE AUX FINS DU TRAITEMENT DE LA DEMENCE</b> [72] SCHATZBERG, ALAN F., US [72] BELANOFF, JOSEPH K., US [71] BOARD OF TRUSTEES OF LELAND STANFORD JR. UNIVERSITY, US [85] 2000-10-11 [86] 1998-10-05 (PCT/US98/20908) [87] 1999-11-25 (WO99/59596) [30] US (60/085,703) 1998-05-15</p>	<p style="text-align: right;">[21] <b>2,328,415</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/13 6A61K 39/00 6A61K 48/00 6C07K 19/00 6A01K 67/027 6C12N 5/06 6C12N 5/10 6A61K 35/14 6C07K 16/18 6C12N 5/20 6A61K 39/395 6C07K 16/46 6G01N 33/53 6G01N 33/577 6C12N 15/62 6G01N 33/68 6C12Q 1/68 6A61K 31/70 6C07K 14/705 6C12N 15/86</b> [25] EN [54] <b>ANTIBODIES TO DENDRITIC CELLS AND HUMAN DENDRITIC CELL POPULATIONS AND USES THEREOF</b> [54] <b>ANTICORPS DES CELLULES DENDRITIQUES ET POPULATIONS DE CELLULES DENDRITIQUES HUMAINES ET UTILISATION DE CEUX-CI</b> [72] RIEBER, ERNST PETER, DE [71] MICROMET GMBH, DE [85] 2000-11-08 [86] 1999-05-11 (PCT/EP99/03218) [87] 1999-11-18 (WO99/58678) [30] EP (98108534.3) 1998-05-11</p>	<p style="text-align: right;">[21] <b>2,328,418</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/03 6A61K 9/00 6A61K 38/10 6A61K 9/127 6A61K 35/74</b> [25] EN [54] <b>USE OF LIPOPEPTIDES OR LIPOPROTEINS FOR WOUND TREATMENT</b> [54] <b>UTILISATION DE LIPOPEPTIDES OU DE LIPOPROTEINES POUR LE TRAITEMENT DE PLAIES</b> [72] MUHLRADT, PETER, DE [72] DEITERS, URSULA, DE [71] GESELLSCHAFT FUR BIOTECHNOLOGISCHE FORSCHUNG MBH (GBF), DE [85] 2000-11-20 [86] 1999-05-19 (PCT/EP99/03436) [87] 1999-11-25 (WO99/59610) [30] DE (198 22 820.1) 1998-05-20</p>
<p style="text-align: right;">[21] <b>2,328,414</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 39/395 6A61K 49/00 6A61K 38/08 6A61K 51/08 6A61K 38/12 6A61K 31/435 6G01N 33/574 6G01N 33/68</b> [25] EN [54] <b>METHODS FOR DETECTING AND INHIBITING ANGIOGENESIS</b> [54] <b>PROCEDES DE DETECTION ET D'INHIBITION DE L'ANGIOGENESE</b> [72] VARNER, JUDITH A., US [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US [85] 2000-11-07 [86] 1999-05-07 (PCT/US99/09972) [87] 1999-11-18 (WO99/58139) [30] US (60/084,850) 1998-05-08</p>	<p style="text-align: right;">[21] <b>2,328,416</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/02 6C12P 21/08 6G01N 33/531</b> [25] EN [54] <b>ANTIBODY AND USE THEREOF</b> [54] <b>ANTICORPS ET LEUR UTILISATION</b> [72] HINUMA, SHUJI, JP [72] KITADA, CHIEKO, JP [72] MATSUMOTO, HIROKAZU, JP [71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP [85] 2000-11-17 [86] 1999-05-20 (PCT/JP99/02650) [87] 1999-11-25 (WO99/60112) [30] JP (10/140293) 1998-05-21</p>	<p style="text-align: right;">[21] <b>2,328,421</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01H 85/56 6H01R 13/68</b> [25] EN [54] <b>HOUSING FOR FUSED SWITCH</b> [54] <b>BOITIER D'INTERRUPTEUR A FUSIBLES</b> [72] MAENPAA, ILMARI, FI [72] MATTLAR, HARRI, FI [71] ABB CONTROL OY, FI [85] 2000-10-11 [86] 1999-04-28 (PCT/FI99/00354) [87] 1999-11-04 (WO99/56298) [30] FI (980933) 1998-04-28</p>
<p style="text-align: right;">[21] <b>2,328,417</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B26B 21/40</b> [25] EN [54] <b>RAZOR BLADE SYSTEM</b> [54] <b>ENSEMBLE LAMES DE RASOIR</b> [72] SWANSON, GERALD TED, US [72] FLAHERTY, PAUL, US [72] METCALF, STEPHEN C., US [72] GUAY, MATTHEW JOSEPH, US [71] THE GILLETTE COMPANY, US [85] 2000-10-11 [86] 1999-04-20 (PCT/US99/08609) [87] 1999-11-04 (WO99/55499) [30] US (09/066,499) 1998-04-24</p>	<p style="text-align: right;">[21] <b>2,328,422</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/10 6C12N 7/01 6C12N 15/62</b> [25] EN [54] <b>SELECTION SYSTEM</b> [54] <b>METHODE DE SELECTION</b> [72] WINTER, GREGORY PAUL, GB [72] JESTIN, JEAN-LUC, FR [72] RIECHMANN, LUTZ, GB [72] KRISTENSEN, PETER, DK [71] DIVERSYS LIMITED, GB [85] 2000-11-09 [86] 1999-05-13 (PCT/GB99/01526) [87] 1999-11-18 (WO99/58655) [30] GB (9810223.9) 1998-05-13 [30] GB (9810228.8) 1998-05-13</p>	

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[21] **2,328,424**  
[13] A1

[51] **Int.Cl. 6A61L 15/26 6A61L 25/00 6C08G 18/10**  
[25] EN  
[54] **POLYURETHANE FOAMS FOR USE IN WOUND DRESSINGS**  
[54] **MOUSSES EN POLYURETHANNE UTILISEES AVEC DES PANSEMENTS**  
[72] BLACKLOCK, TRACY, GB  
[72] ADDISON, DEBORAH, GB  
[71] JOHNSON & JOHNSON MEDICAL LIMITED, GB  
[85] 2000-10-11  
[86] 1999-04-14 (PCT/GB99/01131)  
[87] 1999-10-21 (WO99/52569)  
[30] GB (9808006.2) 1998-04-15

[21] **2,328,425**  
[13] A1

[51] **Int.Cl. 6C12N 5/08 6C12N 5/10**  
[25] EN  
[54] **PRODUCTION OF MEGAKARYOCYTES BY CO-CULTURING HUMAN MESENCHYMAL STEM CELLS WITH CD34+ CELLS**  
[54] **PRODUCTION DE MEGACARYOCYTES PAR CO-CULTURE DE CELLULES SOUCHES MESENCHYMATEUSES HUMAINES AU MOYEN DE CELLULES CD34+**  
[72] THIEDE, MARK A., US  
[72] QASBA, PANKAJ, US  
[71] OSIRIS THERAPEUTICS, INC., US  
[85] 2000-11-15  
[86] 1999-05-21 (PCT/US99/11317)  
[87] 1999-12-02 (WO99/61588)  
[30] US (60/086,420) 1998-05-22  
[30] US (60/108,308) 1998-11-13

[21] **2,328,428**  
[13] A1

[51] **Int.Cl. 7B65D 75/36**  
[25] EN  
[54] **BLISTER PACKAGE WITH EASY TEAR BLISTER**  
[54] **PLAQUETTE ALVEOLAIRE A OUVERTURE FACILE**  
[72] ARNOLD, WILLIAM, US  
[71] PINNACLE INTELLECTUAL PROPERTY SERVICES-INTERNATIONAL, INC., US  
[85] 2000-10-11  
[86] 1999-04-20 (PCT/US99/08629)  
[87] 1999-10-28 (WO99/54231)  
[30] US (09/063,165) 1998-04-20

[21] **2,328,429**  
[13] A1

[51] **Int.Cl. 6C12N 15/31 6A61K 39/095 6C07K 16/12 6C07K 14/22 6A61K 39/40 6G01N 33/566 6C12N 15/62 6G01N 33/68**  
[25] EN  
[54] **BASB028 POLYPEPTIDES AND POLYNUCLEOTIDES ENCODING THEREFOR FROM MORAXELLA CATARRHALIS**  
[54] **POLYPEPTIDES DE BAS B028 ET POLY-NUCLEOTIDES LES CODANT ET PROVENANT DE MORAXELLA CATARRHALIS**  
[72] RUELLE, JEAN-LOUIS, BE  
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE  
[85] 2000-11-10  
[86] 1999-05-10 (PCT/EP99/03263)  
[87] 1999-11-18 (WO99/58685)  
[30] GB (9810379.9) 1998-05-13  
[30] GB (9909175.3) 1999-04-21

[21] **2,328,430**  
[13] A1

[51] **Int.Cl. 6C07C 311/21 6C07D 295/08 6A61K 31/18 6A61K 31/44 6C07D 213/56 6C07C 233/78**  
[25] EN  
[54] **SUBSTITUTED BENZAMIDES, THEIR PRODUCTION AND THEIR USE AS CYSTEINE PROTEASE INHIBITORS**  
[54] **BENZAMIDES SUBSTITUES, LEUR PRODUCTION ET LEUR UTILISATION COMME INHIBITEURS DE PROTEASES DE CYSTEINE**  
[72] MOLLER, ACHIM, DE  
[72] LUBISCH, WILFRIED, DE  
[72] TREIBER, HANS-JORG, DE  
[72] KNOPP, MONIKA, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-10-11  
[86] 1999-04-19 (PCT/EP99/02617)  
[87] 1999-10-28 (WO99/54293)  
[30] DE (198 17 461.6) 1998-04-20

[21] **2,328,435**  
[13] A1

[51] **Int.Cl. 6C07C 311/21 6A61K 31/19 6A61K 31/195 6C07D 215/36 6A61K 31/44 6A61K 31/505 6C07C 237/52 6C07D 213/56 6C07C 233/76 6C07C 235/82 6C07D 239/96**  
[25] EN  
[54] **NEW SUBSTITUTED AMIDES, THEIR PRODUCTION AND THEIR USE**  
[54] **NOUVEAUX AMIDES SUBSTITUES, LEUR PRODUCTION ET LEUR UTILISATION**  
[72] LUBISCH, WILFRIED, DE  
[72] MOLLER, ACHIM, DE  
[72] KNOPP, MONIKA, DE  
[72] TREIBER, HANS-JORG, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-10-11  
[86] 1999-04-19 (PCT/EP99/02618)  
[87] 1999-10-28 (WO99/54294)  
[30] DE (198 18 614.2) 1998-04-20

[21] **2,328,438**  
[13] A1

[51] **Int.Cl. 6C07D 213/82 6C07D 239/42 6A61K 31/44 6A61K 31/505 6C07D 277/56 6C07D 233/90**  
[25] EN  
[54] **HETEROCYCLICALLY SUBSTITUTED AMIDES, THEIR PRODUCTION AND THEIR USE**  
[54] **AMIDES SUBSTITUES PAR VOIE HETEROCYCLIQUE, LEUR PRODUCTION ET LEUR UTILISATION**  
[72] MOLLER, ACHIM, DE  
[72] LUBISCH, WILFRIED, DE  
[72] KNOPP, MONIKA, DE  
[72] TREIBER, HANS-JORG, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-10-11  
[86] 1999-04-19 (PCT/EP99/02611)  
[87] 1999-10-28 (WO99/54304)  
[30] DE (198 17 459.4) 1998-04-20

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[21] **2,328,448**  
[13] A1

[51] **Int.Cl. 6B24D 3/34 6B24D 11/00**  
[25] EN  
[54] **ABRASIVE GRINDING TOOLS WITH HYDRATED AND NONHALOGENATED INORGANIC GRINDING AIDS**  
[54] **OUTILS DE MEULAGE ABRASIFS COMPORTANT DES AGENTS D'AIDE AU MEULAGE INORGANQUES NON HALOGENES ET HYDRATES**  
[72] JOHNSON, PAUL E., US  
[72] MEYER, GERALD W., US  
[71] NORTON COMPANY, US  
[85] 2000-10-11  
[86] 1998-12-15 (PCT/US98/26603)  
[87] 1999-11-18 (WO99/58299)  
[30] US (09/075,294) 1998-05-08

[21] **2,328,450**  
[13] A1

[51] **Int.Cl. 6D04C 1/06 6F16L 57/00 6H02G 3/04**  
[25] EN  
[54] **BRAIDED TUBULAR ARTICLE WITH RESTRAINING ELEMENT**  
[54] **ARTICLE TUBULAIRE TRESSE A ELEMENT DE RETENUE**  
[72] TAYLOR, ROBERT S., US  
[72] KITE, J. SELLERS III, US  
[71] FEDERAL-MOGUL SYSTEMS PROTECTION GROUP INC., US  
[85] 2000-10-11  
[86] 1999-04-16 (PCT/IB99/00691)  
[87] 1999-11-04 (WO99/55945)  
[30] US (60/083,213) 1998-04-27

[21] **2,328,452**  
[13] A1

[51] **Int.Cl. 6B05B 11/00 6A61K 7/00**  
[25] EN  
[54] **SKIN CARE KIT**  
[54] **KIT DE SOIN DE BEAUTE**  
[72] FOWLER, TIMOTHY JOHN, US  
[72] WILLSON, JULIE ELIZABETH, US  
[72] HARGRAVES, PETER JAMES, US  
[72] HA, ROBERT BAO KIM, US  
[72] IRWIN, CHRISTOPHER, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-10-11  
[86] 1999-04-14 (PCT/IB99/00655)  
[87] 1999-10-28 (WO99/54053)  
[30] US (09/063,324) 1998-04-20

[21] **2,328,455**  
[13] A1

[51] **Int.Cl. 6A61N 1/365**  
[25] EN  
[54] **IMPLANTABLE CARDIAC STIMULATOR WITH PHYSIOLOGIC SENSOR BASED ON MECHANICAL-ELECTRIC PHASE RELATION**  
[54] **STIMULATEUR CARDIAQUE IMPLANTABLE A DETECTEUR PHYSIOLOGIQUE BASE SUR LA RELATION DE PHASE MECANIQUE/ELECTRIQUE**  
[72] PERGOLA, NICHOLAS F., US  
[72] STERLING, DANIEL I., US  
[72] DENO, D. CURTIS, US  
[72] VAUTRAVERS, ALEC, US  
[71] INTERMEDICS INC., US  
[85] 2000-10-11  
[86] 1999-04-14 (PCT/US99/08178)  
[87] 1999-10-21 (WO99/52591)  
[30] US (09/059,860) 1998-04-14

[21] **2,328,457**  
[13] A1

[51] **Int.Cl. 6C07K 14/16 6A61K 51/08 6A61K 47/48 6G01N 33/58 6C12N 9/64 6G01N 33/68**  
[25] EN  
[54] **MEMBRANE-PERMEANT PEPTIDE COMPLEXES FOR MEDICAL IMAGING, DIAGNOSTICS, AND PHARMACEUTICAL THERAPY**  
[54] **COMPLEXES PEPTIDIQUES DE PERMEATION MEMBRANAIRE DESTINES A L'IMAGERIE MEDICALE, AU DIAGNOSTIC ET A LA THERAPIE PHARMACEUTIQUE**  
[72] PIWNICA-WORMS, DAVID, US  
[71] WASHINGTON UNIVERSITY, US  
[85] 2000-11-15  
[86] 1999-06-18 (PCT/US99/13660)  
[87] 1999-12-29 (WO99/67284)  
[30] US (60/090,087) 1998-06-20

[21] **2,328,462**  
[13] A1

[51] **Int.Cl. 6C12N 7/02 6G01N 33/569**  
[25] EN  
[54] **EFFICIENT PURIFICATION OF ADENOVIRUS**  
[54] **PURIFICATION EFFICACE D'ADENOVIRUS**  
[72] MENDER, MARILYN, US  
[72] KOVESDI, IMRE, US  
[72] CARRION, MIGUEL E., US  
[71] GENVEC, INC., US  
[85] 2000-10-11  
[86] 1999-04-22 (PCT/US99/08843)  
[87] 1999-10-28 (WO99/54441)  
[30] US (60/082,628) 1998-04-22

[21] **2,328,458**  
[13] A1

[51] **Int.Cl. 6H04Q 11/04 6H04L 29/06 6H04L 12/56 6H04L 12/64**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING GUARANTEED QUALITY OF SERVICE IN A LOCAL OR WIDE AREA NETWORK**  
[54] **PROCEDE ET APPAREIL PERMETTANT D'ASSURER UNE QUALITE DE SERVICE DANS UN RESEAU LOCAL OU ELARGI**  
[72] RUNDQUIST, WILLIAM A., US  
[72] SHULMAN, KENNETH A., US  
[72] GOLDEN, MICHAEL E., US  
[71] ENRON WARPSPEED SERVICES, INC., US  
[85] 2000-10-11  
[86] 1999-04-09 (PCT/US99/07818)  
[87] 1999-10-21 (WO99/53719)  
[30] US (09/060,520) 1998-04-14

[21] **2,328,463**  
[13] A1

[51] **Int.Cl. 6C07K 19/00 6A61L 27/00 6C07H 21/04 6C12N 15/12 6C12N 15/16 6A61K 38/18 6C12N 15/19 6C12N 9/20 6C12N 15/62 6C07K 14/65 6C12N 9/74**  
[25] EN  
[54] **MATRIX BINDING FACTOR**  
[54] **FACTEUR DE LIAISON MATRICIELLE**  
[72] HUMPHRYS, SIMON TROY, AU  
[72] BALLARD, FRANCIS JOHN, AU  
[71] BELFORD, DAVID ANDREW, AU  
[71] GROPEP LIMITED, AU  
[85] 2000-10-13  
[86] 1999-04-19 (PCT/AU99/00292)  
[87] 1999-10-28 (WO99/54359)  
[30] AU (PP 2984) 1998-04-17

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[21] **2,328,471**  
[13] A1

[51] **Int.Cl. 6C12N 15/52 6C08G 63/06 6C12N 1/21 6C12N 15/54 6C12P 7/62 6C12N 15/70**  
[25] EN  
[54] **POLYHYDROXYALKANOATE BIOPOLYMER COMPOSITIONS**  
[54] **COMPOSITIONS BIOPOLYMERES DE POLYHYDROXYALCANOATE**  
[72] SKRALY, FRANK A., US  
[72] PEOPLES, OLIVER P., US  
[71] METABOLIX, INC., US  
[85] 2000-11-16  
[86] 1999-05-21 (PCT/US99/11417)  
[87] 1999-12-02 (WO99/61624)  
[30] US (60/086,396) 1998-05-22

[21] **2,328,491**  
[13] A1

[51] **Int.Cl. 6C12N 15/86 6A61K 48/00 6C12N 7/01 6C07K 14/16 6C12N 15/62**  
[25] EN  
[54] **RETROVIRAL DELIVERY SYSTEM**  
[54] **SYSTEME D'APPORT RETROVIRAL**  
[72] KINGSMAN, SUSAN MARY, GB  
[72] MITRAPHANOUS, KYRIACOS ANDREOU, GB  
[72] ELLARD, FIONA MARGARET, GB  
[72] KINGSMAN, ALAN JOHN, GB  
[72] PATIL, DEVA, GB  
[71] OXFORD BIOMEDICA (UK) LIMITED, GB  
[85] 2000-11-17  
[86] 1999-05-21 (PCT/GB99/01607)  
[87] 1999-12-02 (WO99/61639)  
[30] GB (9811153.7) 1998-05-22  
[30] US (60/093,149) 1998-07-17

[21] **2,328,492**  
[13] A1

[51] **Int.Cl. 6C12N 15/55 6A61K 48/00 6C12P 21/02 6C12N 9/22 6C12Q 1/34 6A61K 39/395 6A61K 38/46 6C12Q 1/68**  
[25] EN  
[54] **HUMAN DEADENYLATING NUCLEASE, ITS PREPARATION AND USE**  
[54] **NUCLEASE HUMAINE DESADENYLANTE, SA PREPARATION ET SON UTILISATION**  
[72] GALLERT, KARL-CHRISTIAN, DE  
[72] KORNER, CHRISTOF, DE  
[72] HULS, CHRISTOPH, DE  
[72] WAHLE, ELMAR, DE  
[71] AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO. KG, DE  
[85] 2000-11-07  
[86] 1999-05-05 (PCT/EP99/03071)  
[87] 1999-11-18 (WO99/58647)  
[30] DE (198 22 122.3) 1998-05-08

[21] **2,328,494**  
[13] A1

[51] **Int.Cl. 6G01N 33/576 6G03C 5/00 6C07H 21/04 6C07K 14/18 6C12N 15/51 6C12Q 1/68**  
[25] EN  
[54] **REPORTER GENE SYSTEM FOR USE IN CELL-BASED ASSESSMENT OF INHIBITORS OF THE HEPATITIS C VIRUS PROTEASE**  
[54] **SYSTEME A GENE RAPPORTEUR POUR L'EVALUATION PRECARACTERISEE D'INHIBITEURS DE LA PROTEASE DU VIRUS DE L'HEPATITE C**  
[72] PATICK, AMY KAREN, US  
[72] POTTS, KAREN ELIZABETH, US  
[72] JACKSON, ROBERTA LYNN, US  
[71] AGOURON PHARMACEUTICALS, INC., US  
[85] 2000-11-20  
[86] 1999-08-02 (PCT/US99/17440)  
[87] 2000-02-17 (WO00/08469)  
[30] US (09/129,611) 1998-08-05  
[30] US (09/263,933) 1999-03-08

[21] **2,328,497**  
[13] A1

[51] **Int.Cl. 6C12N 15/01 6C12Q 1/04 6C12Q 1/14 6C12Q 1/68**  
[25] EN  
[54] **GENETICS-ASSISTED TARGET EVALUATION IN ANTIBACTERIAL DRUG DISCOVERY**  
[54] **ESTIMATION DE CIBLES ASSISTEE GENETIQUEMENT ET UTILISEE DANS LA CONCEPTION DE MEDICAMENTS ANTIBACTERIENS**  
[72] HEALY, JUDITH M., US  
[71] ANADYS PHARMACEUTICALS, INC., US  
[85] 2000-11-14  
[86] 1999-05-13 (PCT/US99/10919)  
[87] 1999-11-25 (WO99/60111)  
[30] US (60/085,593) 1998-05-15

[21] **2,328,504**  
[13] A1

[51] **Int.Cl. 6A61K 39/395 6A61K 39/385 6C07K 16/42**  
[25] EN  
[54] **IMMUNOTHERAPEUTIC COMPOSITION AND METHOD FOR THE TREATMENT OF PROSTATE CANCER**  
[54] **COMPOSITION ET METHODE IMMUNOTHERAPEUTIQUES DE TRAITEMENT DU CANCER DE LA PROSTATE**  
[72] LEVEUGLE, BEATRICE, CA  
[72] NOUJAIM, ANTOINE A., CA  
[72] SCHULTES, BIRGIT, CA  
[72] MADIYALAKAN, RAGUPATHY, CA  
[71] ALTAREX CORP., CA  
[85] 2000-11-10  
[86] 1999-06-15 (PCT/IB99/01115)  
[87] 1999-12-23 (WO99/65523)  
[30] US (60/089,281) 1998-06-15

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[21] **2,328,515**  
[13] A1

[51] **Int.Cl. 6C12N 15/01 6C12P 21/00 6C12N 15/09**  
[25] EN  
[54] **CONTINUOUS IN VITRO EVOLUTION**  
[54] **EVOLUTION CONTINUE IN VITRO**  
[72] HUDSON, PETER JOHN, AU  
[72] COIA, GREGORY, AU  
[72] ILIADES, PETER, AU  
[72] IRVING, ROBERT ALEXANDER, AU  
[71] DIATECH PTY. LTD., AU  
[85] 2000-11-06  
[86] 1999-05-07 (PCT/AU99/00341)  
[87] 1999-11-18 (WO99/58661)  
[30] AU (PP 3445) 1998-05-08

[21] **2,328,521**  
[13] A1

[51] **Int.Cl. 6A61K 48/00 6A61K 31/33**  
[25] EN  
[54] **FORMULATIONS USEFUL FOR MODULATING EXPRESSION OF EXOGENOUS GENES IN MAMMALIAN SYSTEMS, AND PRODUCTS RELATED THERETO**  
[54] **FORMULATIONS UTILES DANS LA MODULATION DE L'EXPRESSION DES GENES EXOGENES DES SYSTEMES MAMMALIENS, ET PRODUITS CORRESPONDANTS**  
[72] SAEZ, ENRIQUE, US  
[72] EVANS, RONALD M., US  
[71] THE SALK INSTITUTE FOR BIOLOGICAL STUDIES, US  
[85] 2000-11-14  
[86] 1999-04-16 (PCT/US99/08381)  
[87] 1999-11-18 (WO99/58155)  
[30] US (09/079,570) 1998-05-14

[21] **2,328,524**  
[13] A1

[51] **Int.Cl. 6C12N 5/06 6A61K 35/28 6C07K 14/705**  
[25] EN  
[54] **HUMAN CD45+ AND/OR FIBROBLAST + MESENCHYMAL STEM CELLS**  
[54] **CD45 HUMAIN + ET/OU FIBROBLASTE + CELLULES MESENCHYMALES HUMAINES**  
[72] HAMMILL, LORA CATHERINE, US  
[72] SIMONETTI, DONALD WILLIAM JR., US  
[72] MOORMAN, MARK AARON, US  
[72] MCNEIL, RENEE MARIE, US  
[72] CRAIG, STEWART, US  
[72] DAVIS-SPROUL, JANICE M., US  
[71] OSIRIS THERAPEUTICS, INC., US  
[85] 2000-11-15  
[86] 1999-05-28 (PCT/US99/11975)  
[87] 1999-12-02 (WO99/61587)  
[30] US (60/087,123) 1998-05-29

[21] **2,328,525**  
[13] A1

[51] **Int.Cl. 6C12N 15/00 6A01H 5/00 6C12N 15/29 6C12N 15/82**  
[25] EN  
[54] **MODIFICATION OF CEREAL GRAIN HARDNESS VIA EXPRESSION OF PUROINDOLINE PROTEINS**  
[54] **MODIFICATION DE LA DURETE DE GRAINS DE CEREALES PAR EXPRESSION DE PROTEINES DE PUROINDOLINE**  
[72] GIROUX, MICHAEL J., US  
[72] MORRIS, CRAIG F., US  
[71] RESEARCH & DEVELOPMENT INSTITUTE, INC., US  
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICUL, US  
[85] 2000-11-16  
[86] 1999-05-21 (PCT/US99/11379)  
[87] 1999-12-02 (WO99/61580)  
[30] US (09/083,852) 1998-05-22

[21] **2,328,588**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **POLYMORPHISM IN A NITRIC OXIDE SYNTHASE GENE**  
[54] **POLYMORPHISME DANS UN GENE DE SYNTHASE D'OXYDE NITRIQUE**  
[72] GRIFFITHS, LYNETTE ROBYN, AU  
[71] GEMINI GENOMICS (UK) LIMITED, GB  
[85] 2000-11-08  
[86] 1999-05-07 (PCT/GB99/01450)  
[87] 1999-11-18 (WO99/58715)  
[30] GB (9810085.2) 1998-05-11

[21] **2,328,589**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C12N 15/00 6C07H 21/04 6C12N 15/11 6C12N 1/20 6C12N 1/21 6C12N 15/63 6C12N 15/70**  
[25] EN  
[54] **HETERODUPLEX MUTATIONAL VECTORS AND USE THEREOF IN BACTERIA**  
[54] **VECTEURS HETERODUPLEX MUTATIONNELS ET LEUR UTILISATION DANS LES BACTERIES**  
[72] METZ, RICHARD A., US  
[72] KUMAR, RAMESH, US  
[71] KIMERAGEN, INC., US  
[85] 2000-11-09  
[86] 1999-05-12 (PCT/US99/10514)  
[87] 1999-11-18 (WO99/58723)  
[30] US (09/078,063) 1998-05-12

[21] **2,328,698**  
[13] A1

[51] **Int.Cl. 6A61B 5/055**  
[25] EN  
[54] **HYALURONAN-BASED IMAGING AGENTS**  
[54] **AGENTS D'IMAGERIE A BASE DE HYALURONAN**  
[72] MIKULIS, DAVID JOHN, CA  
[72] TURLEY, EVA ANNE, CA  
[72] NAGY, JAMES I., CA  
[72] WINNIK, FRANCOISE MARTINE, CA  
[72] KIDD, GEORGE HARRISON, US  
[71] JAGOTEC AG, CH  
[85] 2000-10-12  
[86] 1999-04-27 (PCT/US99/09177)  
[87] 1999-11-04 (WO99/55230)  
[30] US (60/083,311) 1998-04-28

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<p style="text-align: center;">[21] <b>2,328,699</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 235/56 6A61K 31/165</b> [25] EN [54] <b>BENZAMIDE DERIVATIVES FOR THE TREATMENT OF DISEASES MEDIATED BY CYTOKINES</b> [54] <b>DERIVES DE BENZAMIDE SERVANT A TRAITER DES MALADIES PROVOQUEES PAR DES CYTOKINES</b> [72] BROWN, GEORGE ROBERT, GB [72] BROWN, DEARG SUTHERLAND, GB [71] ASTRAZENECA AB, SE [85] 2000-10-12 [86] 1999-05-11 (PCT/GB99/01491) [87] 1999-11-25 (WO99/59960) [30] GB (9810356.7) 1998-05-15 [30] GB (9905970.1) 1999-03-17</p>	<p style="text-align: center;">[21] <b>2,328,703</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/20</b> [25] EN [54] <b>DELAVIRDINE TABLET FORMULATION</b> [54] <b>FORMULATION DE DELAVIRDINE EN COMPRIME</b> [72] MOROZOWICH, WALTER, US [72] BATES, ASHLEY H., AU [72] LEE, E. JOHN, US [72] MARTINO, ALICE C., US [71] PHARMACIA &amp; UPJOHN COMPANY, US [85] 2000-10-12 [86] 1999-06-07 (PCT/US99/11798) [87] 1999-12-16 (WO99/63970) [30] US (60/088,960) 1998-06-11</p>	<p style="text-align: center;">[21] <b>2,328,707</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60H 1/32 6B60H 1/00</b> [25] EN [54] <b>MODULAR LOW PRESSURE DELIVERY VEHICLE AIR CONDITIONING SYSTEM</b> [54] <b>SYSTEME DE CLIMATISATION MODULAIRE BASSE PRESSION POUR VEHICULES</b> [72] PEIFFER, LARRY, US [72] ZEIGLER, TERRY, US [72] GUO, WILLIAM, US [71] BERGSTROM, INC., US [85] 2000-10-12 [86] 1999-05-19 (PCT/US99/11055) [87] 1999-12-02 (WO99/61271) [30] US (09/083,303) 1998-05-22</p>
<p style="text-align: center;">[21] <b>2,328,700</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29C 45/00</b> [25] EN [54] <b>INJECTION MOULDING</b> [54] <b>MOULAGE A INJECTION</b> [72] JACOBS, IAN ORDE MICHAEL, AU [71] JACOBS, IAN ORDE MICHAEL, AU [85] 2000-10-12 [86] 1998-04-14 (PCT/AU98/00255) [87] 1998-10-22 (WO98/46409) [30] AU (PO 6174) 1997-04-14</p>	<p style="text-align: center;">[21] <b>2,328,704</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 6/00</b> [25] EN [54] <b>DETECTION OF CANCEROUS LESIONS BY THEIR EFFECT ON THE SPATIAL HOMOGENEITY OF SKIN TEMPERATURE</b> [54] <b>DETECTION DE LESIONS CANCEREUSES EN FONCTION DE LEUR ACTION SUR L'HOMOGENEITE SPATIALE DE LA TEMPERATURE DE LA PEAU</b> [72] ANBAR, MICHAEL, US [71] OMNIREORDER TECHNOLOGIES, INC., US [85] 2000-10-12 [86] 1999-04-19 (PCT/US99/08569) [87] 1999-10-28 (WO99/53840) [30] US (09/063,129) 1998-04-20</p>	<p style="text-align: center;">[21] <b>2,328,708</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01Q 1/36 6H01Q 1/08</b> [25] EN [54] <b>THREE DIMENSIONAL MICROMACHINED ELECTROMAGNETIC DEVICE AND ASSOCIATED METHODS</b> [54] <b>DISPOSITIF ELECTRONIQUE TRIDIMENSIONNEL MICRO-USINE ET PROCEDES ASSOCIES</b> [72] CLARK, RODNEY L., US [72] DEAN, ROBERT N., JR., US [71] MEMS OPTICAL, INC., US [85] 2000-10-12 [86] 1999-04-13 (PCT/US99/07994) [87] 1999-10-21 (WO99/53567) [30] US (09/058,843) 1998-04-13</p>
<p style="text-align: center;">[21] <b>2,328,702</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05B 7/09</b> [25] EN [54] <b>METHOD FOR PRODUCING ELONGATED CARBON BODIES</b> [54] <b>PROCEDE DE PRODUCTION DE CORPS EN CARBONE ALLONGES</b> [72] VATLAND, ARNFINN, NO [72] VEGGE, OLAF TRYGVE, NO [71] ELKEM ASA, NO [85] 2000-10-12 [86] 1999-04-15 (PCT/NO99/00121) [87] 1999-11-04 (WO99/56503) [30] NO (19981842) 1998-04-24</p>	<p style="text-align: center;">[21] <b>2,328,706</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B66B 23/00</b> [25] EN [54] <b>ESCALATOR DEVICE</b> [54] <b>ESCALIER MECANIQUE</b> [72] NAKANISHI, NOBUO, JP [71] OGAWA, YUTAKA, JP [85] 2000-10-12 [86] 1999-04-12 (PCT/JP99/01915) [87] 1999-10-21 (WO99/52808) [30] JP (10/101609) 1998-04-13 [30] JP (10/189347) 1998-07-03</p>	<p style="text-align: center;">[21] <b>2,328,709</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47G 19/03 6B31F 1/00 6B65D 1/34</b> [25] EN [54] <b>MULTI-PLY FOOD CONTAINER</b> [54] <b>CONTENANT A PLIS MULTIPLES POUR ALIMENTS</b> [72] LEEKER, KAREN KACZMAREK, US [72] TOUSSANT, JOHN WILLIAM, US [72] HALL, BRUCE NEIL, US [72] PLUMMER, WENDY LYNN, US [72] ALEXANDER, GAROLD WENDELL, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-10-12 [86] 1999-04-07 (PCT/IB99/00601) [87] 1999-10-28 (WO99/53810) [30] US (09/061,955) 1998-04-17</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,328,712</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A41B 13/10</b> [25] EN [54] <b>BIB HAVING POCKET OPENABLE AT THE POINT OF USE</b> [54] <b>BAVOIR MUNI D'UNE POCHE POUVANT ETRE OUVERTE AU POINT D'UTILISATION</b> [72] LAMPSON, PATRICIA LEE, US [72] REINHART, RICHARD NICHOLAS JR., US [72] GUPTA, AMIT, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-10-12 [86] 1999-03-02 (PCT/IB99/00350) [87] 1999-09-16 (WO99/45804) [30] US (09/036,560) 1998-03-09</p>	<p style="text-align: right;">[21] <b>2,328,716</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02F 1/39</b> [25] EN [54] <b>SOLITON PULSE TRANSMISSION OVER WAVEGUIDE FIBER LENGTHS</b> [54] <b>TRANSMISSION D'IMPULSIONS A SOLITONS SUR LA LONGUEUR D'UN GUIDE D'ONDES OPTIQUE</b> [72] ISLAM, MOHAMMED, N., US [72] XIA, TIEJUN, US [72] NOWAK, GEORGE, A., US [71] UNIVERSITY OF MICHIGAN, US [85] 2000-10-12 [86] 1999-05-05 (PCT/US99/09776) [87] 1999-11-18 (WO99/59025) [30] US (60/084,822) 1998-05-08</p>	<p style="text-align: right;">[21] <b>2,328,720</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 295/12 6C07D 217/04 6C07D 403/04 6C07D 207/06 6C07D 215/06 6C07C 311/08 6C07C 311/21 6C07D 215/24 6C07D 213/30 6C07C 237/32 6A61K 31/50 6C07D 317/58 6C07D 213/70</b> [25] EN [54] <b>NOVEL HETEROCYCLICALLY SUBSTITUTED AMIDES WITH CYSTEINE PROTEASE-INHIBITING EFFECT</b> [54] <b>NOUVEAUX AMIDES HETEROCYCLIQUEMENT SUBSTITUES A ACTION DE PROTEASES DE CYSTEINE</b> [72] KNOPP, MONIKA, DE [72] TREIBER, HANS-JORG, DE [72] MOLLER, ACHIM, DE [72] LUBISCH, WILFRIED, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 2000-10-13 [86] 1999-04-19 (PCT/EP99/02620) [87] 1999-10-28 (WO99/54320) [30] DE (198 17 460.8) 1998-04-20</p>
<p style="text-align: right;">[21] <b>2,328,714</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21F 11/00</b> [25] EN [54] <b>ULTRASONICALLY-ASSISTED PROCESS FOR MAKING DIFFERENTIAL DENSITY CELLULOSIC STRUCTURE CONTAINING FLUID-LATENT INDIGENOUS POLYMERS</b> [54] <b>PROCEDE DE FABRICATION ASSISTE AUX ULTRASONS D'UNE STRUCTURE CELLULOSIQUE DE DENSITE DIFFERENTIELLE CONTENANT DES POLYMERES INDIGENES A FLUIDE LATENT</b> [72] SENAPATI, NAGABHUSAN, US [72] TROKHAN, PAUL DENNIS, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-10-12 [86] 1999-04-12 (PCT/IB99/00636) [87] 1999-11-04 (WO99/55960) [30] US (09/065,655) 1998-04-23</p>	<p style="text-align: right;">[21] <b>2,328,718</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F04C 18/16 6F04C 18/08</b> [25] EN [54] <b>POSITIVE DISPLACEMENT MACHINE</b> [54] <b>MACHINE VOLUMETRIQUE</b> [72] BECHER, ULRICH, CH [72] BASTECK, ANDREAS, DE [71] ATELIER BUSCH S.A., CH [85] 2000-10-13 [86] 1999-04-01 (PCT/CH99/00137) [87] 1999-10-28 (WO99/54627) [30] EP (98810350.3) 1998-04-21</p>	<p style="text-align: right;">[21] <b>2,328,721</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D06M 11/00 6A61L 9/16 6B01D 53/34 6D06M 11/47 6D06M 11/48 6D06M 11/68 6B01D 53/86</b> [25] EN [54] <b>METHODS FOR REMOVING A CONTAMINANT BY A POLYOXOMETALATE-MODIFIED FABRIC OR A POLYOXOMETALATE-MODIFIED CELLULOSIC FIBER AND FABRICS THEREOF</b> [54] <b>PROCEDES D'ELIMINATION DE CONTAMINANT PAR UN TISSU MODIFIE AU POLYOXOMETALATE OU PAR UNE FIBRE CELLULOSIQUE MODIFIEE AU POLYOXOMETALATE ET TISSUS AFFECTES</b> [72] XU, LING, US [72] HILL, CRAIG L., US [71] EMORY UNIVERSITY, US [85] 2000-10-12 [86] 1999-04-13 (PCT/US99/07889) [87] 1999-10-21 (WO99/53131) [30] US (60/081,595) 1998-04-13</p>
<p style="text-align: right;">[21] <b>2,328,719</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68 6G01N 33/53</b> [25] EN [54] <b>METHOD FOR IN VIVO DETECTING TARGET PROTEIN GENE BY DRUG</b> [54] <b>PROCEDE DE DETECTION IN VIVO D'UN GENE PROTEIQUE CIBLE A L'AIDE DE MEDICAMENT</b> [72] HIDAKA, HIROYOSHI, JP [72] TANAKA, HIDEKI, JP [71] HIDAKA, HIROYOSHI, JP [85] 2000-10-12 [86] 1998-04-15 (PCT/JP98/01712) [87] 1999-10-21 (WO99/53094)</p>	<p style="text-align: right;">[21] <b>2,328,719</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68 6G01N 33/53</b> [25] EN [54] <b>METHOD FOR IN VIVO DETECTING TARGET PROTEIN GENE BY DRUG</b> [54] <b>PROCEDE DE DETECTION IN VIVO D'UN GENE PROTEIQUE CIBLE A L'AIDE DE MEDICAMENT</b> [72] HIDAKA, HIROYOSHI, JP [72] TANAKA, HIDEKI, JP [71] HIDAKA, HIROYOSHI, JP [85] 2000-10-12 [86] 1998-04-15 (PCT/JP98/01712) [87] 1999-10-21 (WO99/53094)</p>	<p style="text-align: right;">[21] <b>2,328,721</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D06M 11/00 6A61L 9/16 6B01D 53/34 6D06M 11/47 6D06M 11/48 6D06M 11/68 6B01D 53/86</b> [25] EN [54] <b>METHODS FOR REMOVING A CONTAMINANT BY A POLYOXOMETALATE-MODIFIED FABRIC OR A POLYOXOMETALATE-MODIFIED CELLULOSIC FIBER AND FABRICS THEREOF</b> [54] <b>PROCEDES D'ELIMINATION DE CONTAMINANT PAR UN TISSU MODIFIE AU POLYOXOMETALATE OU PAR UNE FIBRE CELLULOSIQUE MODIFIEE AU POLYOXOMETALATE ET TISSUS AFFECTES</b> [72] XU, LING, US [72] HILL, CRAIG L., US [71] EMORY UNIVERSITY, US [85] 2000-10-12 [86] 1999-04-13 (PCT/US99/07889) [87] 1999-10-21 (WO99/53131) [30] US (60/081,595) 1998-04-13</p>



## PCT Applications Entering the National Phase

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[21] **2,328,722**  
[13] A1  
[51] **Int.Cl. 6B24B 23/03 6B24B 41/047**  
[25] EN  
[54] **APPARATUS AND METHOD FOR ROTARY MOTION CONVERSION AND WASTE PRODUCT COLLECTION UNIT**  
[54] **APPAREIL ET PROCEDE DE CONVERSION D'UN MOUVEMENT ROTATIF ET UNITE DE COLLECTE**  
[72] RUDOLPH, GARY, US  
[71] RUDOLPH, GARY, US  
[85] 2000-10-13  
[86] 1999-04-21 (PCT/US99/08689)  
[87] 1999-10-28 (WO99/54087)  
[30] US (09/065,821) 1998-04-23

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[21] **2,328,723**  
[13] A1  
[51] **Int.Cl. 6C07C 255/29 6C07C 253/30**  
[25] EN  
[54] **IMPROVED PROCESS FOR THE MANUFACTURE OF N-(1-CYANOALKYL)-2-PHENOXYPROPIONAMIDE DERIVATIVES**  
[54] **PROCEDE AMELIORE DE PRODUCTION DE DERIVES N-(1-CYANOALKYL)-2-PHENOXYPROPIONAMIDE**  
[72] CEVASCO, ALBERT ANTHONY, US  
[72] KREMER, KENNETH ALFRED MARTIN, US  
[71] AMERICAN CYANAMID COMPANY, US  
[85] 2000-10-12  
[86] 1999-04-05 (PCT/US99/07443)  
[87] 1999-10-28 (WO99/54287)  
[30] US (09/062,975) 1998-04-20

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[21] **2,328,724**  
[13] A1  
[51] **Int.Cl. 6H04N 7/08**  
[25] EN  
[54] **EXPANDED INFORMATION CAPACITY FOR EXISTING COMMUNICATION TRANSMISSION SYSTEMS**  
[54] **CAPACITE D'INFORMATIONS ETENDUE POUR SYSTEMES DE TRANSMISSION DE COMMUNICATIONS EXISTANTS**  
[72] CICIORA, WALTER S., US  
[72] HARTSON, TED E., US  
[72] DICKINSON, ROBERT V., US  
[71] ENCAMERA SCIENCES CORPORATION, US  
[85] 2000-10-13  
[86] 1999-04-16 (PCT/US99/08513)  
[87] 1999-10-28 (WO99/55087)  
[30] US (09/062,225) 1998-04-17

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[21] **2,328,725**  
[13] A1  
[51] **Int.Cl. 6A61K 45/05 6C07K 16/00 6A61K 38/16 6A61K 38/17 6A61K 38/19 6A61K 39/395**  
[25] EN  
[54] **T CELL INHIBITORY RECEPTOR COMPOSITIONS AND USES THEREOF**  
[54] **COMPOSITIONS POUR RECEPTEURS INHIBITEURS DES LYMPHOCYTES T ET UTILISATION DE TELLES COMPOSITIONS**  
[72] BLUMBERG, RICHARD, S., US  
[71] BRIGHAM & WOMEN'S HOSPITAL, INC., US  
[85] 2000-10-12  
[86] 1999-04-15 (PCT/US99/08430)  
[87] 1999-10-21 (WO99/52552)  
[30] US (60/081,895) 1998-04-15

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[21] **2,328,726**  
[13] A1  
[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **DISPOSABLE ABSORBENT ARTICLE HAVING REINFORCED EAR PANELS**  
[54] **ARTICLE ABSORBANT JETABLE AVEC PANNEAUX RENFORCES PROLONGEANT LES COTES**  
[72] SUGITA, MASATAKA, JP  
[72] MIYAMOTO, KOUICHI, JP  
[72] HEKI, YUKIO, JP  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-10-12  
[86] 1998-04-23 (PCT/US98/08205)  
[87] 1999-10-28 (WO99/53878)

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[21] **2,328,727**  
[13] A1  
[51] **Int.Cl. 6C07B 53/00 6C07C 7/00 6C07D 301/00 6C07D 249/08 6C07C 29/10 6C07D 309/12 6C07D 303/14 6C07D 303/16 6C07D 301/19 6C07C 33/48**  
[25] EN  
[54] **ASYMMETRIC SYNTHESIS OF 2-ARYL-1-SUBSTITUTED BUTAN-2,3-DIOLS**  
[54] **SYNTHESE ASYMETRIQUE DE BUTANE-2,3-DIOLS 2-ARYL-1 SUBSTITUES**  
[72] SIDHU, INDERJIT, CA  
[72] SINGH, INDER PAL, CA  
[72] PALAK, BHUPINDER, CA  
[72] MICETICH, RONALD G., CA  
[71] NAEJA PHARMACEUTICAL INC., CA  
[71] TAIHO PHARMACEUTICAL CO., LTD., JP  
[85] 2000-10-13  
[86] 1999-04-15 (PCT/IB99/00679)  
[87] 1999-10-21 (WO99/52840)  
[30] US (09/060,138) 1998-04-15

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[21] **2,328,728**  
[13] A1  
[51] **Int.Cl. 6C07F 17/00**  
[25] EN  
[54] **METALLOCENE PURIFICATION PROCESS**  
[54] **PROCEDE DE PURIFICATION POUR ALLIAGES ORGANOMETALLIQUES**  
[72] LEE, JOHN Y., US  
[72] HAMLIN, JOSEPH L., US  
[72] LAMBERT, JULES A., US  
[72] JONES, KARL R., US  
[71] ALBEMARLE CORPORATION, US  
[85] 2000-10-13  
[86] 1999-03-11 (PCT/US99/05539)  
[87] 1999-10-21 (WO99/52919)  
[30] US (09/061,636) 1998-04-16

## Demandes PCT entrant en phase nationale

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[21] **2,328,729**  
[13] A1  
[51] **Int.Cl. 6A01N 37/18 6A61K 31/405 6A61K 31/415**  
[25] EN  
[54] **METHOD OF REGULATING APPETITE AND METABOLISM**  
[54] **METHODE POUR REGULER L'APPETIT ET LE METABOLISME**  
[72] TRIPODI, DANIEL, US  
[72] HEIL, MATTHEW, US  
[72] BERELOWITZ, MICHAEL, US  
[72] WHITE, JEFFREY, US  
[72] BRUNO, JOHN F., US  
[71] NUTRICEUTICAL TECHNOLOGY CORPORATION, US  
[71] RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, US  
[85] 2000-10-12  
[86] 1999-04-15 (PCT/US99/08249)  
[87] 1999-10-21 (WO99/52363)  
[30] US (09/060,437) 1998-04-15

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[21] **2,328,730**  
[13] A1  
[51] **Int.Cl. 6A61K 31/675 6A61K 31/44 6A61K 31/60**  
[25] EN  
[54] **TREATMENT OF IATROGENIC AND AGE-RELATED HYPERTENSION AND PHARMACEUTICAL COMPOSITIONS USEFUL THEREIN**  
[54] **TRAITEMENT DE L'HYPERTENSION IATROGENE ET LIEE AU VIEILLISSEMENT ET COMPOSITIONS PHARMACEUTIQUES UTILES A CET EFFET**  
[72] DHALLA, NARANJAN J., CA  
[72] SETHI, RAJAT, CA  
[72] DAKSHINAMURTI, KRISHNAMURTI, CA  
[71] UNIVERSITY OF MANITOBA, CA  
[71] MEDICURE INC., CA  
[85] 2000-10-13  
[86] 1999-04-16 (PCT/CA99/00331)  
[87] 1999-10-28 (WO99/53928)  
[30] US (09/061,173) 1998-04-16

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[21] **2,328,731**  
[13] A1  
[51] **Int.Cl. 6C07K 5/037 6A61K 38/06**  
[25] EN  
[54] **GLUTATHIONE DERIVATIVES AND DOSAGE FORMS THEREOF**  
[54] **DERIVES DU GLUTATHIONE ET LEUR FORME POSOLOGIQUE**  
[72] IMAIZUMI, ATSUSHI, JP  
[72] SAKON, KIYOYUKI, JP  
[72] NANIWA, YOSHIMITSU, JP  
[72] KOBAYASHI, MITSURU, JP  
[72] IMAI, HIROSHI, JP  
[72] MIURA, DAISHIRO, JP  
[71] TEIJIN LIMITED, JP  
[85] 2000-10-13  
[86] 1999-04-16 (PCT/JP99/02044)  
[87] 1999-10-28 (WO99/54346)  
[30] JP (10/106359) 1998-04-16

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[21] **2,328,732**  
[13] A1  
[51] **Int.Cl. 6C07C 257/18 6A61K 31/155 6C07C 279/22**  
[25] EN  
[54] **BIPHENYL DERIVATIVES**  
[54] **DERIVES DIPHENYLIQUES**  
[72] DORSCH, DIETER, DE  
[72] GANTE, JOACHIM (Deceased), DE  
[72] JURASZYK, HORST, DE  
[72] MELZER, GUIDO, DE  
[72] MEDERSKI, WERNER, DE  
[72] BUCHSTALLER, HANS-PETER, DE  
[72] WURZIGER, HANNS, DE  
[72] BERNOTAT-DANIELOWSKI, SABINE, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[85] 2000-10-13  
[86] 1999-04-12 (PCT/EP99/02457)  
[87] 1999-11-11 (WO99/57096)  
[30] DE (198 19 548.6) 1998-04-30

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[21] **2,328,733**  
[13] A1  
[51] **Int.Cl. 6C07D 239/28 6C07D 401/04 6C07D 409/14 6A61K 31/505**  
[25] EN  
[54] **THE USE OF DIHYDROPYRIMIDINES AS MEDICAMENTS, AND NOVEL SUBSTANCES**  
[54] **UTILISATION DE DIHYDROPYRIMIDINES COMME MEDICAMENTS, ET NOUVELLES SUBSTANCES**  
[72] PAESSENS, ARNOLD, DE  
[72] LOTTMANN, STEFAN, DE  
[72] GRAEF, ERWIN, DE  
[72] STOLTEFUSS, JURGEN, DE  
[72] GOLDMANN, SIEGFRIED, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-10-13  
[86] 1999-04-07 (PCT/EP99/02346)  
[87] 1999-10-28 (WO99/54312)  
[30] DE (198 17 265.6) 1998-04-18

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[21] **2,328,735**  
[13] A1  
[51] **Int.Cl. 6C09B 67/50 6C09D 11/02 6C09B 67/04 6C09B 67/12 6C09B 67/16 6C09B 67/18**  
[25] EN  
[54] **PRODUCTION PROCESS OF COPPER PHTHALOCYANINE IN THE BETA MODIFICATION**  
[54] **PROCEDE DE PRODUCTION DE BLEU DE PHTALOCYANINE DANS LA PHASE DE MODIFICATION BETA**  
[72] HEALY, THOMAS, GB  
[72] DYKES, KENNETH GRANT, GB  
[72] MATHERS, RICHARD ERNEST, GB  
[72] KEIRS, DAVID, GB  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[85] 2000-10-13  
[86] 1999-04-19 (PCT/EP99/02619)  
[87] 1999-10-28 (WO99/54410)  
[30] GB (9808169.8) 1998-04-20

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[21] **2,328,765**  
[13] A1  
[51] **Int.Cl. 7B60G 11/08**  
[25] FR  
[54] **SUSPENSION A LAME  
TRANSVERSALE ET A AXE DE  
ROULIS SUPERIEUR**  
[54] **SUSPENSION WITH TRANSVERSE  
LEAF AND UPPER ROLL AXIS**  
[72] DESCHAMPS, ERIC, CA  
[71] DESCHAMPS, ERIC, CA  
[85] 2000-10-11  
[86] 1999-02-16 (PCT/CA99/00113)  
[87] 2000-08-24 (WO00/48853)

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[21] **2,328,766**  
[13] A1  
[51] **Int.Cl. 7H01S 3/06**  
[25] FR  
[54] **AMPLIFICATEUR OPTIQUE A  
FIBRE DOPEE POUR LA BANDE A 1600  
NM**  
[54] **DOPED FIBRE OPTICAL  
AMPLIFIER FOR 1600 NM BAND**  
[72] BAYART, DOMINIQUE, FR  
[72] DESTHIEUX, BERTRAND, FR  
[71] ALCATEL, FR  
[85] 2000-10-12  
[86] 2000-02-17 (PCT/FR00/00391)  
[87] 2000-08-24 (WO00/49686)  
[30] FR (99/02127) 1999-02-19

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[21] **2,328,767**  
[13] A1  
[51] **Int.Cl. 6C07C 253/34 6C07C 255/58**  
[25] FR  
[54] **PROCEDE DE PURIFICATION  
D'AMINONITRILES ALIPHATIQUES**  
[54] **METHOD FOR PURIFYING  
ALIPHATIC AMINONITRILES**  
[72] BRUNELLE, JEAN-PIERRE, FR  
[72] LECONTE, PHILIPPE, FR  
[72] MARION, PHILIPPE, FR  
[71] RHODIA FIBER AND RESIN  
INTERMEDIATES, FR  
[85] 2000-10-13  
[86] 1999-04-13 (PCT/FR99/00862)  
[87] 1999-10-28 (WO99/54285)  
[30] FR (98/05044) 1998-04-16

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[21] **2,328,768**  
[13] A1  
[51] **Int.Cl. 6C25C 3/06 6C25C 3/20**  
[25] FR  
[54] **CUVE D'ELECTROLYSE IGNEE  
POUR LA PRODUCTION  
D'ALUMINIUM PAR LE PROCEDE  
HALL-HEROULT COMPRENANT DES  
MOYENS DE REFROIDISSEMENT**  
[54] **FUSED BATH ELECTROLYSIS  
CELL FOR PRODUCING ALUMINIUM  
BY HALL-HEROULT PROCESS  
COMPRISING COOLING MEANS**  
[72] FEVE, BENOIT, FR  
[72] BOS, JEROME, FR  
[72] HOMSI, PIERRE, FR  
[71] ALUMINIUM PECHINEY, FR  
[85] 2000-10-13  
[86] 1999-04-07 (PCT/FR99/00802)  
[87] 1999-10-28 (WO99/54526)  
[30] FR (98/05040) 1998-04-16

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[21] **2,328,770**  
[13] A1  
[51] **Int.Cl. 6A46D 1/00**  
[25] EN  
[54] **BRISTLE, METHOD FOR  
PRODUCING SAID BRISTLE AND A  
DEVICE WITH A BRISTLE OF THIS  
TYPE**  
[54] **POIL DE BROSSERIE, SON  
PROCEDE DE PRODUCTION ET  
APPAREIL COMPORTANT UN TEL  
POIL DE BROSSERIE**  
[72] WEIHRAUCH, GEORG, DE  
[71] PEDEX & CO. GMBH, DE  
[85] 2000-10-16  
[86] 1999-04-09 (PCT/EP99/02403)  
[87] 1999-11-04 (WO99/55195)  
[30] DE (198 18 345.3) 1998-04-24

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[21] **2,328,771**  
[13] A1  
[51] **Int.Cl. 6A61K 31/335 6C07D 305/14  
6A61K 31/365 6C07D 317/70**  
[25] EN  
[54] **2-AROYL-4-ACYL PACLITAXEL  
(TAXOL) ANALOGS**  
[54] **ANALOGUES DE 2-AROYL-4-  
ACYL PACLITAXEL (TAXEL)**  
[72] KADOW, JOHN, US  
[72] JAGTAP, PRAKASH G., US  
[72] CHORDIA, MAHENDRA  
DEVICHAND, US  
[72] KINGSTON, DAVID GEORGE IAN,  
US  
[71] VIRGINIA TECH INTELLECTUAL  
PROPERTIES, INC., US  
[71] BRISTOL-MYERS SQUIBB  
COMPANY, US  
[85] 2000-10-16  
[86] 1998-12-30 (PCT/US98/27916)  
[87] 1999-07-08 (WO99/33462)  
[30] US (60/070,234) 1997-12-31

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[21] **2,328,776**  
[13] A1  
[51] **Int.Cl. 6G01M 3/02 6G01M 3/28**  
[25] EN  
[54] **PIPE TESTING APPARATUS**  
[54] **VERIFICATEUR DE TUBES**  
[72] HORN, JOHN, GB  
[72] RITCHIE, SANDY, GB  
[71] CULLODEN ENGINEERING  
LIMITED, GB  
[85] 2000-10-16  
[86] 1999-04-14 (PCT/GB99/01139)  
[87] 1999-10-28 (WO99/54699)  
[30] GB (9808138.3) 1998-04-17

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[21] **2,328,777**  
[13] A1  
[51] **Int.Cl. 6C08K 3/00 6C08L 63/00  
6C08K 9/04 6C08L 67/06**  
[25] EN  
[54] **POLYMER COMPOSITE AND A  
METHOD FOR ITS PREPARATION**  
[54] **COMPOSITE POLYMER ET  
PROCEDE SERVANT A LE PREPARER**  
[72] RIDLEY, DAVID Z., US  
[72] GARCES, JUAN M., US  
[72] WHITE, JERRY E., US  
[72] POLANSKY, CHRISTINE A., US  
[72] KUPERMAN, ALEX, US  
[71] THE DOW CHEMICAL COMPANY,  
US  
[85] 2000-10-16  
[86] 1999-04-06 (PCT/US99/06222)  
[87] 1999-10-28 (WO99/54393)  
[30] US (09/062,915) 1998-04-20

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,328,778</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 249/02 6C07C 251/20</b> [25] EN [54] <b>PROCESS FOR THE PREPARATION OF TETRALONE IMINES FOR THE PREPARATION OF ACTIVE PHARMACEUTICAL COMPOUNDS</b> [54] <b>PROCEDE DE PREPARATION D'IMINES DE TETRALONE DANS LA FABRICATION DE COMPOSES PHARMACEUTIQUES ACTIFS</b> [72] SHUM, SAI PING, US [72] PASTOR, STEPHEN DANIEL, US [72] ODORISIO, PAUL ANGELO, US [71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH [85] 2000-10-16 [86] 1999-04-12 (PCT/EP99/02456) [87] 1999-11-04 (WO99/55686) [30] US (09/065,272) 1998-04-23</p>	<p style="text-align: center;">[21] <b>2,328,780</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 401/04 6C07D 213/78 6C07D 213/84</b> [25] EN [54] <b>DIHYDROPYRIMIDINES</b> [54] <b>DIHYDROPYRIMIDINES</b> [72] LOTTMANN, STEFAN, DE [72] GRAEF, ERWIN, DE [72] PAESSENS, ARNOLD, DE [72] NIEWOHNER, ULRICH, DE [72] DERES, KARL, DE [72] GOLDMANN, SIEGFRIED, DE [72] STOLTEFUSS, JURGEN, DE [72] KRAMER, THOMAS, DE [72] SCHLEMMER, KARL-HEINZ, DE [72] STOLTING, JORN, DE [72] WEBER, OLAF, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2000-10-13 [86] 1999-04-07 (PCT/EP99/02344) [87] 1999-10-28 (WO99/54326) [30] DE (198 17 264.8) 1998-04-18</p>	<p style="text-align: center;">[21] <b>2,328,830</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08G 63/48 6C08F 2/00 6G01N 33/566</b> [25] EN [54] <b>THE CONSTRUCTION OF COPOLYMER LIBRARIES</b> [54] <b>CONSTRUCTION DE BIBLIOTHEQUES DE COPOLYMERES</b> [72] BROCCINI, STEPHEN, GB [72] TANGPASUTHADOL, VARAWUT, TH [72] JAMES, KENNETH, US [72] KOHN, JOACHIM B., US [71] RUTGERS, THE STATE UNIVERSITY, US [85] 2000-10-13 [86] 1999-04-13 (PCT/US99/08131) [87] 1999-10-21 (WO99/52962) [30] US (60/081,502) 1998-04-13</p>
<p style="text-align: center;">[21] <b>2,328,779</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60L 11/18 6H01M 8/04</b> [25] EN [54] <b>METHOD FOR STARTING A FUEL CELL SYSTEM, AS WELL AS A FUEL CELL SYSTEM</b> [54] <b>PROCEDE PERMETTANT DE FAIRE DEMARRER UN DISPOSITIF A CELLULES ELECTROCHIMIQUES ET DISPOSITIF A CELLULES ELECTROCHIMIQUES</b> [72] WEISS, ALFRED, DE [72] STUHLER, WALTER, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2000-10-16 [86] 1999-04-19 (PCT/DE99/01166) [87] 1999-10-28 (WO99/54159) [30] DE (198 17 188.9) 1998-04-17</p>	<p style="text-align: center;">[21] <b>2,328,829</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04M 11/06 6H04L 29/06</b> [25] EN [54] <b>TCP/IP/PPP MODEM</b> [54] <b>MODEM TCP/IP/PPP</b> [72] JOHNSON, MICHAEL WARD, US [72] MINAMI, JOHN SHIGETO, US [72] KOYAMA, RYO, US [71] IREADY CORPORATION, US [85] 2000-10-13 [86] 1999-06-10 (PCT/US99/13184) [87] 1999-12-16 (WO99/65219) [30] US (60/088,865) 1998-06-11 [30] US (09/321,902) 1999-05-28</p>	<p style="text-align: center;">[21] <b>2,328,832</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 255/66 6C07C 253/30 6C07D 213/77</b> [25] EN [54] <b>PROCESSES FOR PREPARING PESTICIDAL INTERMEDIATES</b> [54] <b>PROCEDES RELATIFS A LA PREPARATION D'INTERMEDIAIRES UTILES DANS L'ELABORATION DES PESTICIDES</b> [72] ANCEL, JEAN-ERICK, FR [71] AVENTIS AGRICULTURE LTD., GB [85] 2000-10-13 [86] 1999-04-14 (PCT/EP99/02834) [87] 1999-10-28 (WO99/54288) [30] EP (98420069.1) 1998-04-20 [30] EP (98420070.9) 1998-04-20</p>
		<p style="text-align: center;">[21] <b>2,328,833</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01R 25/14 6H01R 4/24</b> [25] EN [54] <b>A CONNECTOR OF THE INSULATION-PERFORATING TYPE FOR A SUSPENDED ELECTRICAL SYSTEM</b> [54] <b>CONNECTEUR PERFORANT L'ISOLATION POUR SYSTEME ELECTRIQUE SUSPENDU</b> [72] MELOCCHI, MARIO, IT [72] OSTERWALDER, VALERIA, CH [71] ELECTRIC &amp; LIGHTNING ENGINEERING AND DESIGN LIMITED, GB [85] 2000-10-13 [86] 1999-04-22 (PCT/EP99/02839) [87] 1999-11-04 (WO99/56353) [30] IT (MI98A000887) 1998-04-24</p>

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[21] **2,328,834**  
[13] A1

[51] **Int.Cl. 7F16K 17/16**  
[25] EN  
[54] **ENHANCED REVERSE BUCKLING RUPTURE DISC**  
[54] **DISQUE DE RUPTURE AMELIORE A FLAMBAGE INVERSE**  
[72] MOZLEY, ROBERT M., US  
[72] MCCAMIS, J., KYLE, US  
[72] SHIVERS, JAMES M., US  
[71] CONTINENTAL DISC CORPORATION, US  
[85] 2000-10-13  
[86] 1999-03-15 (PCT/US99/05705)  
[87] 2000-09-21 (WO00/55531)

[21] **2,328,835**  
[13] A1

[51] **Int.Cl. 6H01Q 15/24**  
[25] EN  
[54] **POLARIZER AND METHOD FOR MANUFACTURING THE SAME**  
[54] **POLARISEUR ET PROCEDE DE FABRICATION ASSOCIE**  
[72] FISCHER, FRANK, DE  
[72] HENNEMANN, MARTIN, DE  
[71] PATES TECHNOLOGY PATENTVERWERTUNGSGESELLSCHAFT FUR SATELLITEN UND MODERN, DE  
[85] 2000-10-13  
[86] 1998-10-13 (PCT/EP98/06487)  
[87] 1999-08-26 (WO99/43047)  
[30] DE (198 07 077.2) 1998-02-20

[21] **2,328,836**  
[13] A1

[51] **Int.Cl. 6C08G 63/42 6B32B 3/00 6G11B 3/70 6G11B 5/84**  
[25] EN  
[54] **OPTICAL ARTICLES COMPRISING ISOSORBIDE POLYESTERS AND METHOD FOR MAKING SAME**  
[54] **ARTICLES OPTIQUES COMPRENANT DES POLYESTERS D'ISOSORBIDE ET PROCEDE DE FABRICATION DE CES DERNIERS**  
[72] WITTELER, HELMUT B., DE  
[72] CHARBONNEAU, LARRY F., US  
[72] KHANARIAN, GARO, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-10-13  
[86] 1999-04-22 (PCT/US99/07012)  
[87] 1999-10-28 (WO99/54378)  
[30] US (09/064,846) 1998-04-23

[21] **2,328,837**  
[13] A1

[51] **Int.Cl. 6C08L 25/04 6C08L 69/00 6C08L 67/02 6C08L 67/03 6C08L 75/04 6C08L 27/06 6C08L 33/08 6C08L 71/08**  
[25] EN  
[54] **POLYESTERS INCLUDING ISOSORBIDE AS A COMONOMER BLENDED WITH OTHER THERMOPLASTIC POLYMERS**  
[54] **POLYESTERS COMPRENANT DE L'ISOSORBIDE COMME MONOMERE MELANGE A D'AUTRES POLYMERES THERMOPLASTIQUES**  
[72] KHANARIAN, GARO, US  
[72] WITTELER, HELMUT B., DE  
[72] CHARBONNEAU, LARRY F., US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-10-13  
[86] 1999-04-22 (PCT/US99/07013)  
[87] 1999-10-28 (WO99/54399)  
[30] US (09/064,826) 1998-04-23

[21] **2,328,838**  
[13] A1

[51] **Int.Cl. 6A23D 9/00 6C11B 7/00 6A23G 1/00 6A23G 3/00**  
[25] EN  
[54] **FAT PRODUCTS FROM HIGH STEARIC SOYBEAN OIL AND A METHOD FOR THE PRODUCTION THEREOF**  
[54] **CORPS GRAS EXTRAITS D'UNE HUILE DE SOJA A TENEUR ELEVEE EN ACIDE STEARIQUE ET PROCEDE DE PRODUCTION ASSOCIE**  
[72] KNOWLTON, SUSAN, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-10-13  
[86] 1999-05-06 (PCT/US99/09864)  
[87] 1999-11-18 (WO99/57990)  
[30] US (60/085,005) 1998-05-11

[21] **2,328,839**  
[13] A1

[51] **Int.Cl. 6C11D 1/835 6A01N 25/02 6A01N 33/12 6A01N 25/30 6C11D 3/48 6C11D 1/62 6C11D 1/66**  
[25] EN  
[54] **AQUEOUS CLEANING AND DISINFECTING COMPOSITIONS BASED ON QUARTERNARY AMMONIUM COMPOUNDS AND ALKYL POLYGLYCOSIDE SURFACTANTS**  
[54] **COMPOSITIONS AQUEUSES DE NETTOYAGE ET DE DESINFECTION A BASE DE COMPOSES D'AMMONIUM QUATERNAIRE ET DE TENSIOACTIFS A ALKYL POLYGLYCOSIDE**  
[72] SMIALOWICZ, DENNIS THOMAS, US  
[72] RYPKEMA, RALPH EDWARD, US  
[72] MCCUE, KAREN ANN, US  
[72] BURT, DIANE JOYCE, US  
[72] KLOEPEL, ANDREW ARNO, US  
[72] BOGART, ROBERT WILLIAM, US  
[72] NANAVATI, NARENDRA VRAJLAL, US  
[72] LU, ROBERT ZHONG, US  
[72] TARASCHI, FREDERIC ALBERT, US  
[72] LOVE, MICHAEL DAVID, US  
[71] RECKITT BENCKISER INC., US  
[85] 2000-10-13  
[86] 1999-03-18 (PCT/US99/05960)  
[87] 1999-10-21 (WO99/53004)  
[30] GB (9807664.9) 1998-04-14

[21] **2,328,846**  
[13] A1

[51] **Int.Cl. 6C08F 10/00 6C08F 4/26 6C08F 4/70 6C08F 4/80**  
[25] EN  
[54] **MOLECULAR WEIGHT CONTROL IN OLEFIN POLYMERIZATION**  
[54] **REGULATION DU POIDS MOLECULAIRE DANS LA POLYMERISATION D'OLEFINES**  
[72] ARTHUR, SAMUEL DAVID, US  
[72] MCLAIN, STEPHAN JAMES, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-10-13  
[86] 1999-05-26 (PCT/US99/11552)  
[87] 1999-12-02 (WO99/61492)  
[30] US (60/086,646) 1998-05-26

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,328,847</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01S 5/14 6G01S 5/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR DETERMINING TIME IN A SATELLITE POSITIONING SYSTEM</b> [54] <b>PROCEDE ET APPAREIL DE DETERMINATION DU TEMPS DANS UN SYSTEME DE POSITIONNEMENT PAR SATELLITE</b> [72] SHEYNBLAT, LEONID, US [72] KRASNER, NORMAN F., US [71] SNAPTRACK, INC., US [85] 2000-10-13 [86] 1999-04-12 (PCT/US99/07974) [87] 1999-10-21 (WO99/53338) [30] US (09/062,232) 1998-04-16</p>	<p style="text-align: right;">[21] <b>2,328,850</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A41D 27/06 6A41F 9/02 6A41B 3/10</b> [25] EN [54] <b>INTERLINING MATERIAL, PROCESS OF MANUFACTURING AND USE THEREOF</b> [54] <b>MATERIAU D'ENTREDOUBLURE, PROCEDE DE FABRICATION ET UTILISATION</b> [72] MORRIS, PAUL, GB [72] HORSFIELD, MICHAEL, GB [71] PRO-FIT INTERNATIONAL LIMITED, GB [85] 2000-10-13 [86] 1999-04-14 (PCT/GB99/01146) [87] 1999-10-21 (WO99/52386) [30] GB (9807861.1) 1998-04-15</p>	<p style="text-align: right;">[21] <b>2,328,854</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B26F 3/02 6A63F 3/06 6A63F 9/24</b> [25] EN [54] <b>TICKET DISPENSING MODULES AND METHOD</b> [54] <b>MODULES ET PROCEDE PERMETTANT DE DISTRIBUER DES BILLETS DE LOTERIE</b> [72] PETCH, DAVID B., US [72] MARTIN, STEPHEN A., US [72] FULLER, HAROLD S., US [72] ROBERTS, BRIAN J., US [71] ON POINT TECHNOLOGY SYSTEMS, US [85] 2000-10-13 [86] 1999-04-09 (PCT/US99/07855) [87] 1999-10-21 (WO99/52691) [30] US (09/060,423) 1998-04-14 [30] US (09/128,406) 1998-08-03 [30] US (09/238,682) 1999-01-26</p>
<p style="text-align: right;">[21] <b>2,328,848</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29C 47/60</b> [25] EN [54] <b>PLASTICIZING SCREW</b> [54] <b>VIS POUR PLASTIFICATION</b> [72] LEVEQUE, ALAIN YVES, FR [72] SCHIRMER, KARL ADOLF, DE [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 2000-10-13 [86] 1999-05-06 (PCT/US99/09866) [87] 1999-11-11 (WO99/56937) [30] US (09/073,281) 1998-05-06 [30] US (09/283,516) 1999-04-01</p>	<p style="text-align: right;">[21] <b>2,328,852</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 3/02 6A47G 7/02 6A01G 5/06 6B65D 85/50</b> [25] EN [54] <b>METHOD OF PRESERVING CUT FLOWERS, GEL ON WATER BASIS AND A HOLDER</b> [54] <b>PROCEDE D'ENTRETIEN DE FLEURS COUPEES, GEL POSE SUR UNE BASE D'EAU ET SUPPORT DE FLEURS</b> [72] STAR, TINUS, WILLEM, HENDRIK, NL [72] VONK, HANS, NL [71] STAR, TINUS, WILLEM, HENDRIK, NL [71] VONK, HANS, NL [85] 2000-10-13 [86] 1999-04-26 (PCT/NL99/00239) [87] 1999-11-04 (WO99/55154) [30] NL (1008986) 1998-04-24</p>	<p style="text-align: right;">[21] <b>2,328,855</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 41/06 6A01N 59/00 6A01N 59/08 6A01N 59/22</b> [25] EN [54] <b>SUNLIGHT-ULTRAVIOLET-STABLE BIOCIDE COMPOSITIONS AND USES THEREOF IN WATER TREATMENT</b> [54] <b>COMPOSITIONS DE BIOCIDES STABLES AU RAYONNEMENT SOLAIRE ET AUX ULTRAVIOLETS ET UTILISATION DE CELLES-CI DANS LE TRAITEMENT DE L'EAU</b> [72] YANG, SHUNONG, US [72] MCCOY, WILLIAM F., US [71] NALCO CHEMICAL COMPANY, US [85] 2000-10-13 [86] 1999-04-12 (PCT/US99/07890) [87] 1999-10-21 (WO99/52364) [30] US (09/059,901) 1998-04-14</p>
<p style="text-align: right;">[21] <b>2,328,849</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 17/02</b> [25] EN [54] <b>COUPLING FOR DRILL PIPES</b> [54] <b>RACCORD DE TIGES DE FORAGE</b> [72] HALLUNDBAEK, JORGEN, DK [71] WELLTEC APS., DK [85] 2000-10-13 [86] 1998-04-14 (PCT/DK98/00153) [87] 1999-10-21 (WO99/53169)</p>	<p style="text-align: right;">[21] <b>2,328,853</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D04H 1/42 6D21C 5/00 6D01B 1/10</b> [25] EN [54] <b>METHOD FOR MANUFACTURING A FIBRE MAT, FIBRE MAT AND USE OF SUCH FIBRE MAT</b> [54] <b>PROCEDE DE FABRICATION DE MAT DE FIBRES, PRODUIT ET USAGE ASSOCIE</b> [72] PALLESEN, BODIL ENGBERG, DK [71] ERIKSEN, MARIANNE ETLAR, DK [85] 2000-10-13 [86] 1999-04-29 (PCT/DK99/00239) [87] 1999-11-11 (WO99/57353) [30] DK (0609/98) 1998-05-01</p>	

## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,328,856</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 25/00 6A01N 27/00 6A01N 65/00 6A01N 61/02 6A01N 25/06 6A01N 41/10 6A01N 25/30</b></p> <p>[25] EN</p> <p>[54] <b>INSECTICIDAL COMPOSITIONS AND METHOD OF CONTROLLING INSECT PESTS USING SAME</b></p> <p>[54] <b>COMPOSITIONS INSECTICIDES ET PROCEDES PERMETTANT DE LUTTER CONTRE LES INSECTES RAVAGEURS AU MOYEN DE CES COMPOSITIONS</b></p> <p>[72] GEHRET, MICHAEL J., US</p> <p>[72] ZOBITNE, KAREN A., US</p> <p>[71] WOODSTREAM CORPORATION, US</p> <p>[85] 2000-10-13</p> <p>[86] 1999-04-12 (PCT/US99/07008)</p> <p>[87] 1999-10-21 (WO99/52359)</p> <p>[30] US (09/060,141) 1998-04-15</p> <p>[30] US (09/281,268) 1999-03-30</p>	<p style="text-align: center;">[21] <b>2,328,860</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05B 41/29</b></p> <p>[25] EN</p> <p>[54] <b>BALLAST INSTANT START CIRCUIT</b></p> <p>[54] <b>CIRCUIT BALLAST DE DEMARRAGE INSTANTANE</b></p> <p>[72] MOISIN, MIHAIL S., US</p> <p>[71] ELECTRO-MAG INTERNATIONAL, INC., US</p> <p>[85] 2000-10-13</p> <p>[86] 1999-04-08 (PCT/US99/07743)</p> <p>[87] 1999-10-21 (WO99/53731)</p> <p>[30] US (09/060,729) 1998-04-15</p>	<p style="text-align: center;">[21] <b>2,328,863</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/06</b></p> <p>[25] EN</p> <p>[54] <b>STENT DEPLOYMENT DEVICE AND METHOD FOR DEPLOYING A STENT</b></p> <p>[54] <b>DISPOSITIF DE DEPLOIEMENT DE PROTHESE ENDOVASCULAIRE ET PROCEDE DE DEPLOIEMENT DE PROTHESE ENDOVASCULAIRE</b></p> <p>[72] GEITZ, KURT, US</p> <p>[71] BOSTON SCIENTIFIC CORPORATION, US</p> <p>[85] 2000-10-13</p> <p>[86] 1999-04-21 (PCT/US99/08758)</p> <p>[87] 1999-10-28 (WO99/53865)</p> <p>[30] US (09/064,738) 1998-04-23</p>
<p style="text-align: center;">[21] <b>2,328,858</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B62D 55/02</b></p> <p>[25] EN</p> <p>[54] <b>EARTH-BASED VEHICLE</b></p> <p>[54] <b>VEHICULE TERRESTRE</b></p> <p>[72] LANSBERRY, JOHN B., US</p> <p>[71] TRACT-A-PILLAR TRACTOR CO., INC., US</p> <p>[85] 2000-10-13</p> <p>[86] 1999-04-16 (PCT/US99/06536)</p> <p>[87] 1999-10-28 (WO99/54554)</p> <p>[30] US (60/082,184) 1998-04-17</p>	<p style="text-align: center;">[21] <b>2,328,861</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D02G 3/00 6C08G 63/66</b></p> <p>[25] EN</p> <p>[54] <b>POLYESTER CONTAINER AND METHOD FOR MAKING SAME</b></p> <p>[54] <b>RECIPIENT EN POLYESTER ET SON PROCEDE DE FABRICATION</b></p> <p>[72] CHARBONNEAU, LARRY F., US</p> <p>[72] JOHNSON, ROBERT E., US</p> <p>[71] E.I. DU PONT DE NEMOURS AND COMPANY, US</p> <p>[85] 2000-10-13</p> <p>[86] 1999-04-22 (PCT/US99/07011)</p> <p>[87] 1999-10-28 (WO99/54533)</p> <p>[30] US (09/086,064) 1998-04-23</p>	<p style="text-align: center;">[21] <b>2,328,864</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G03F 7/12 6G03F 3/10</b></p> <p>[25] EN</p> <p>[54] <b>METHOD AND APPARATUS FOR COATING A SOLUTION ONTO A SUBSTRATE</b></p> <p>[54] <b>PROCEDE ET APPAREIL POUR ENDUIRE UN SUBSTRAT D'UNE SOLUTION</b></p> <p>[72] PRINCIPE, FRANK SANTO, US</p> <p>[72] INNOCENZO, JEFFREY GLENN, US</p> <p>[71] E.I. DU PONT DE NEMOURS AND COMPANY, US</p> <p>[85] 2000-10-13</p> <p>[86] 1999-03-19 (PCT/US99/06055)</p> <p>[87] 1999-11-18 (WO99/59031)</p> <p>[30] US (09/074,880) 1998-05-08</p>
<p style="text-align: center;">[21] <b>2,328,859</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E02F 3/88 7E21B 43/00 7E02F 7/00</b></p> <p>[25] EN</p> <p>[54] <b>METHOD FOR EXTRACTING METHANE HYDRATE ON THE OCEAN FLOOR</b></p> <p>[54] <b>PROCEDE D'EXTRACTION D'HYDRATE DE METHANE SUR LES FONDS MARINS</b></p> <p>[72] HOLTER, HEINZ, DE</p> <p>[71] HOLTER, HEINZ, DE</p> <p>[85] 2000-10-13</p> <p>[86] 2000-02-13 (PCT/DE00/00412)</p> <p>[87] 2000-08-17 (WO00/47832)</p> <p>[30] DE (199 06 147.5) 1999-02-13</p>	<p style="text-align: center;">[21] <b>2,328,862</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01M 8/18 6F28D 7/00 6F28D 21/00 6B01J 7/00 6B01J 19/00 6C10J 3/00</b></p> <p>[25] EN</p> <p>[54] <b>CATALYZED WALL FUEL GAS REFORMER</b></p> <p>[54] <b>REFORMEUR DE GAZ COMBUSTIBLE A PAROI IMPREGNEE D'UN COMPLEXE CATALYTIQUE</b></p> <p>[72] LESIEUR, ROGER R., US</p> <p>[71] INTERNATIONAL FUEL CELLS, LLC, US</p> <p>[85] 2000-10-13</p> <p>[86] 1999-04-14 (PCT/US99/08147)</p> <p>[87] 1999-10-21 (WO99/53561)</p> <p>[30] US (09/061,115) 1998-04-16</p>	<p style="text-align: center;">[21] <b>2,328,865</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04J 3/16 6H04B 7/02</b></p> <p>[25] EN</p> <p>[54] <b>A WIRELESS INTERNET ACCESS METHOD AND SYSTEM</b></p> <p>[54] <b>PROCEDE ET SYSTEME D'ACCES SANS FIL A INTERNET</b></p> <p>[72] LIBERTI, JOSEPH C., US</p> <p>[72] BARTON, MELBOURNE, US</p> <p>[71] TELCORDIA TECHNOLOGIES, INC., US</p> <p>[85] 2000-10-13</p> <p>[86] 1999-04-16 (PCT/US99/08349)</p> <p>[87] 1999-10-28 (WO99/55030)</p> <p>[30] US (60/082,073) 1998-04-17</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,328,866</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 31/18 6C07C 253/10</b> [25] EN [54] <b>HYDROCYANATION OF OLEFINS AND ISOMERIZATION OF NONCONJUGATED 2-ALKYL-3-MONOALKENENITRILES</b> [54] <b>CYANHYDRATATION D'OLEFINES ET ISOMERISATION DE 2-ALKYL-3-MONOALCENTRILES NON CONJUGUES</b> [72] GARNER, JAMES MICHAEL, US [72] FOO, THOMAS, US [72] TAM, WILSON, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 2000-10-13 [86] 1999-04-13 (PCT/US99/07996) [87] 1999-10-21 (WO99/52632) [30] US (60/081,903) 1998-04-16</p>	<p style="text-align: right;">[21] <b>2,328,870</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02F 1/03</b> [25] EN [54] <b>IMAGING DEVICE AND METHOD FOR ELIMINATING EDGE EFFECTS IN SPATIAL MODULATORS</b> [54] <b>DISPOSITIF D'IMAGERIE ET PROCEDE POUR ELIMINER DES EFFETS DE BORD DANS DES MODULATEURS SPATIAUX</b> [72] MOULIN, MICHEL, CH [71] KODAK POLYCHROME GRAPHICS COMPANY LTD., US [85] 2000-10-16 [86] 2000-03-10 (PCT/US00/06272) [87] 2000-09-14 (WO00/54096) [30] EP (99104942.0) 1999-03-12 [30] US (09/290,829) 1999-04-13</p>	<p style="text-align: right;">[21] <b>2,328,874</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16G 13/16</b> [25] EN [54] <b>CHAIN LINK FOR POWER TRANSMITTING CHAINS</b> [54] <b>MAILLON POUR CHAINES DE GUIDAGE D'ELEMENTS DE TRANSPORT D'ENERGIE</b> [72] EHMANN, BRUNO, DE [72] FUNK, RAINER, DE [71] MURRPLASTIK SYSTEM-TECHNIK GMBH, DE [85] 2000-10-17 [86] 1999-04-14 (PCT/EP99/02514) [87] 1999-10-28 (WO99/54643) [30] DE (198 17 235.4) 1998-04-18</p>
<p style="text-align: right;">[21] <b>2,328,868</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 3/00 6B29D 11/00</b> [25] EN [54] <b>DIRECTED ENERGY ASSISTED IN VACUO MICRO EMBOSING</b> [54] <b>MICRO EMBOUTISSAGE SOUS VIDE ASSISTE PAR ENERGIE DIRIGEE</b> [72] KIME, MILFORD B., US [71] KIME, MILFORD B., US [85] 2000-10-17 [86] 1999-05-05 (PCT/US99/09923) [87] 1999-11-18 (WO99/58327) [30] US (09/075,155) 1998-05-08</p>	<p style="text-align: right;">[21] <b>2,328,872</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21H 17/72 6D21H 23/04 6D21H 17/05 6D21H 21/16 6D21H 23/24 6D21H 17/28</b> [25] EN [54] <b>PAPER SIZE DISPERSIONS</b> [54] <b>DISPERSIONS DE COLLAGE DE PAPIER</b> [72] VAN DE STEEG, HENRICA G. M., NL [72] CONNER, HERBERT, US [72] TUIN, GERT, NL [72] LIN, TINGDONG, US [71] HERCULES INCORPORATED, US [85] 2000-10-13 [86] 1999-04-14 (PCT/US99/08324) [87] 1999-10-28 (WO99/54548) [30] US (09/064,580) 1998-04-22</p>	<p style="text-align: right;">[21] <b>2,328,875</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 209/16 6A61K 31/40</b> [25] EN [54] <b>SUBSTITUTED 2-OXO-ALKANOIC ACID--2-(INDOL-3-YL)-ETHYL AMIDES</b> [54] <b>ACIDE ALCANE-2-OXO--2-(INDOL-3-YL)-ETHYL AMIDES SUBSTITUES</b> [72] PIRRO, FRANZ, DE [72] HIMMLER, THOMAS, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2000-10-13 [86] 1999-04-03 (PCT/EP99/02302) [87] 1999-10-28 (WO99/54301) [30] DE (198 16 780.6) 1998-04-16</p>
<p style="text-align: right;">[21] <b>2,328,869</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08L 69/00 6C08L 25/00 6C08L 33/00 6C08L 55/02 6C08L 51/04 6C08L 25/12</b> [25] EN [54] <b>COMPATIBILIZED ABS-POLYCARBONATE MOLDING COMPOSITION</b> [54] <b>COMPOSITION COMPATIBILISEE DE MOULAGE, A BASE DE POLYCARBONATE ET DE POLYMERES ABS</b> [72] PADWA, ALLEN R., US [72] JANARTHANAN, VENKATARAYALOO, IN [71] BAYER CORPORATION, US [85] 2000-10-17 [86] 1999-04-16 (PCT/US99/08363) [87] 1999-11-04 (WO99/55781) [30] US (09/066,490) 1998-04-24</p>	<p style="text-align: right;">[21] <b>2,328,873</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 61/08 6B01D 61/18</b> [25] EN [54] <b>FILTER FOR REMOVING SOLIDS FROM LIQUIDS</b> [54] <b>FILTRE POUR ENLEVER DES SOLIDES DE LIQUIDES</b> [72] GRAHAM, WILLIAM, ZA [71] GARFIELD INTERNATIONAL INVESTMENTS LIMITED, VG [85] 2000-10-13 [86] 1999-04-15 (PCT/ZA99/00016) [87] 1999-10-21 (WO99/52618) [30] ZA (98/3165) 1998-04-15</p>	<p style="text-align: right;">[21] <b>2,328,876</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 417/04 6C07D 413/04 6C07D 417/14 6A61K 31/425</b> [25] EN [54] <b>NOVEL 2-HETEROCYCLICALLY SUBSTITUTED DIHYDROPYRIMIDINES</b> [54] <b>NOUVELLES DIHYDROPYRIMIDINES A SUBSTITUTION 2-HETEROCYCLIQUE</b> [72] PAESSENS, ARNOLD, DE [72] STOLTEFUSS, JURGEN, DE [72] GOLDMANN, SIEGFRIED, DE [72] GRAEF, ERWIN, DE [72] LOTTMANN, STEFAN, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2000-10-13 [86] 1999-04-07 (PCT/EP99/02345) [87] 1999-10-28 (WO99/54329) [30] DE (198 17 262.1) 1998-04-18</p>



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[21] **2,328,878**  
[13] A1

[51] **Int.Cl. 6A61K 31/38 6C07D 409/06 6C07D 231/12 6C07D 333/16**  
[25] EN  
[54] **THIENYLAZOLYLALCOXYETHANAMINES, THEIR PREPARATION AND THEIR APPLICATION AS MEDICAMENTS**  
[54] **THIENYLAZOLYLALCOXYETHANAMINES, LEUR PREPARATION ET LEUR APPLICATION EN TANT QUE MEDICAMENTS**  
[72] ANDALUZ-MATARO, BLAS, ES  
[72] MERCE-VIDAL, RAMON, ES  
[72] FRIGOLA-CONSTANSA, JORDI, ES  
[71] LABORATORIOS DEL DR. ESTEVE, S.A., ES  
[85] 2000-10-13  
[86] 1999-04-15 (PCT/ES99/00098)  
[87] 1999-10-21 (WO99/52525)  
[30] ES (P 9800793) 1998-04-15

[21] **2,328,879**  
[13] A1

[51] **Int.Cl. 6A63F 1/12 6A63F 1/14**  
[25] EN  
[54] **AN APPARATUS FOR SHUFFLING CARDS**  
[54] **APPAREIL POUR BATTRE LES CARTES**  
[72] HELGESEN, JAMES PHILLIP, US  
[72] NELSON, TROY, US  
[72] STASSON, JAMES BERNARD, US  
[72] SCHEPER, PAUL K., US  
[72] RYNDA, ROBERT J., US  
[72] SWANSON, RONALD R., US  
[72] GRAUZER, ATTILA, US  
[72] BOURBOUR, FERAIDON, US  
[71] SHUFFLE MASTER, INC., US  
[85] 2000-10-13  
[86] 1999-04-14 (PCT/US99/08103)  
[87] 1999-10-21 (WO99/52610)  
[30] US (09/060,627) 1998-04-15

[21] **2,328,880**  
[13] A1

[51] **Int.Cl. 6C08G 63/00 6C08G 63/02**  
[25] EN  
[54] **POLYESTERS INCLUDING ISOSORBIDE AS A COMONOMER AND METHODS FOR MAKING SAME**  
[54] **POLYESTERS RENFERMANT DE L'ISOSORBIDE EN TANT QUE COMONOMERE ET LEURS PROCEDES DE FABRICATION**  
[72] KHANARIAN, GARO, US  
[72] WITTELER, HELMUT B., DE  
[72] JOHNSON, ROBERT E., US  
[72] CHARBONNEAU, LARRY F., US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-10-13  
[86] 1999-04-22 (PCT/US99/07009)  
[87] 1999-10-28 (WO99/54375)  
[30] US (09/064,844) 1998-04-23

[21] **2,328,881**  
[13] A1

[51] **Int.Cl. 6G06F 17/40**  
[25] EN  
[54] **EXPERT SYSTEM FOR ANALYSIS OF DNA SEQUENCING ELECTROPHOREGRAMS**  
[54] **SYSTEME EXPERT D'ANALYSE DES ELECTROPHOREGRAMMES D'ADN**  
[72] MILLER, ARTHUR W., US  
[72] KARGER, BARRY L., US  
[71] NORTHEASTERN UNIVERSITY, US  
[85] 2000-10-13  
[86] 1999-04-14 (PCT/US99/08231)  
[87] 1999-10-21 (WO99/53423)  
[30] US (60/081,990) 1998-04-16

[21] **2,328,882**  
[13] A1

[51] **Int.Cl. 6A61K 9/12 6A61K 9/16 6A61K 31/57**  
[25] EN  
[54] **PHARMACEUTICAL AEROSOL FORMULATION**  
[54] **FORMULATION POUR AEROSOL PHARMACEUTIQUE**  
[72] CAVAILLON, PASCAL, FR  
[72] LLORCA, NATHALIE, FR  
[72] LOUIS, OLIVIER, FR  
[72] ROSIER, PATRICK, FR  
[71] GLAXO GROUP LIMITED, GB  
[85] 2000-10-17  
[86] 1999-04-15 (PCT/EP99/02535)  
[87] 1999-10-28 (WO99/53901)  
[30] GB (9808152.4) 1998-04-18  
[30] GB (9814709.3) 1998-07-08

[21] **2,328,884**  
[13] A1

[51] **Int.Cl. 6H04Q 7/34**  
[25] EN  
[54] **MOBILE SWITCHING CENTER RESTART RECOVERY PROCEDURE**  
[54] **PROCEDURE DE REPRISE DE RELANCE POUR CENTRE DE COMMUTATION RADIOMOBILE**  
[72] FOTI, GEORGE, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-10-13  
[86] 1999-03-26 (PCT/SE99/00487)  
[87] 1999-10-21 (WO99/53702)  
[30] US (09/060,174) 1998-04-14

[21] **2,328,885**  
[13] A1

[51] **Int.Cl. 6G10K 15/08**  
[25] EN  
[54] **AN IN-LINE EARLY REFLECTION ENHANCEMENT SYSTEM FOR ENHANCING ACOUSTICS**  
[54] **SYSTEME AUGMENTANT LA REFLEXION PRECOCE EN LIGNE, POUR L'AMELIORATION DE L'ACOUSTIQUE**  
[72] POLETTI, MARK, NZ  
[71] INDUSTRIAL RESEARCH LIMITED, NZ  
[85] 2000-10-13  
[86] 1999-04-23 (PCT/NZ99/00049)  
[87] 1999-10-28 (WO99/54867)  
[30] NZ (330268) 1998-04-23

[21] **2,328,887**  
[13] A1

[51] **Int.Cl. 6H02K 11/00 6F16D 5/00 6F16H 27/02 6H02K 7/06**  
[25] EN  
[54] **SPECIALIZED ACTUATORS DRIVEN BY OSCILLATORY TRANSDUCERS**  
[54] **ACTIONNEURS SPECIALISES COMMANDES PAR DES TRANSDUCTEURS OSSCILLANTS**  
[72] MIZZI, JOHN, US  
[72] WOO, EDWARD K., US  
[72] SMACKEY, BRUCE M., US  
[71] OMNIFIC INTERNATIONAL, LTD., US  
[85] 2000-10-17  
[86] 1999-04-21 (PCT/US99/08813)  
[87] 1999-10-28 (WO99/54988)  
[30] US (60/082,814) 1998-04-23  
[30] US (60/098,115) 1998-08-27

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,328,888</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 14/00 6C07H 21/04 6C12N 15/11 6C12N 1/21 6C12N 15/63 6C12N 15/85 6C12N 15/86</b></p> <p>[25] EN</p> <p>[54] <b>RAPIDLY DEGRADING GFP-FUSION PROTEINS AND METHODS OF USE</b></p> <p>[54] <b>PROTEINES DE FUSION GFP A DEGRADATION RAPIDE ET METHODES D'UTILISATION</b></p> <p>[72] KAIN, STEVE, US</p> <p>[72] LI, XIANQIANG, US</p> <p>[71] CLONTECH LABORATORIES, INC., US</p> <p>[85] 2000-10-17</p> <p>[86] 1998-11-13 (PCT/US98/24323)</p> <p>[87] 1999-10-28 (WO99/54348)</p> <p>[30] US (09/062,102) 1998-04-17</p>	<p style="text-align: right;">[21] <b>2,328,890</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07F 5/00 6B01J 31/00 6C08F 4/52</b></p> <p>[25] EN</p> <p>[54] <b>STABLE CONCENTRATED RARE EARTH CARBOXYLATE LIQUIDS</b></p> <p>[54] <b>LIQUIDES CONCENTRES STABLES DE CARBOXYLATES DE TERRES RARES</b></p> <p>[72] CUIF, JEAN-PIERRE, US</p> <p>[72] ALAS, MICHEL, FR</p> <p>[72] YUNLU, KENAN, US</p> <p>[72] HE, MIN, US</p> <p>[71] RHODIA RARE EARTHS INC., US</p> <p>[85] 2000-10-16</p> <p>[86] 1999-03-30 (PCT/US99/06798)</p> <p>[87] 1999-10-28 (WO99/54335)</p> <p>[30] US (09/062,236) 1998-04-17</p>	<p style="text-align: right;">[21] <b>2,328,894</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 39/39 6A61K 9/00 6A61K 39/00 6A61K 31/70</b></p> <p>[25] EN</p> <p>[54] <b>METHODS AND PRODUCTS FOR INDUCING MUCOSAL IMMUNITY</b></p> <p>[54] <b>METHODES ET PRODUITS PERMETTANT D'INDUIRE UNE IMMUNITE AU NIVEAU DES MUQUEUSES</b></p> <p>[72] MCCLUSKIE, MICHAEL J., CA</p> <p>[72] DAVIS, HEATHER L., CA</p> <p>[71] LOEB HEALTH RESEARCH INSTITUTE AT THE OTTAWA HOSPITAL, CA</p> <p>[71] CPG IMMUNOPHARMACEUTICALS, INC., US</p> <p>[85] 2000-11-21</p> <p>[86] 1999-05-21 (PCT/US99/11359)</p> <p>[87] 1999-12-02 (WO99/61056)</p> <p>[30] US (60/086,393) 1998-05-22</p>
<p style="text-align: right;">[21] <b>2,328,889</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G21B 1/00</b></p> <p>[25] FR</p> <p>[54] <b>PROCEDE ET DISPOSITIF POUR LA PRODUCTION D'ENERGIE A PARTIR D'UN HYDRURE A CARACTERE METALLIQUE</b></p> <p>[54] <b>METHOD AND DEVICE FOR PRODUCING ENERGY FROM A METAL TYPE HYDRIDE</b></p> <p>[72] DUFOUR, JACQUES JULIEN JEAN, FR</p> <p>[72] DUFOUR, XAVIER JEAN-CLAUDE MARIE, FR</p> <p>[72] MURAT, DENIS MARIE LOUIS, FR</p> <p>[72] FOOS, JACQUES HENRI, FR</p> <p>[71] CNAM-CONSERVATOIRE NATIONAL DES ARTS ET METIERS, FR</p> <p>[85] 2000-10-17</p> <p>[86] 1999-04-15 (PCT/FR99/00886)</p> <p>[87] 1999-10-28 (WO99/54884)</p> <p>[30] FR (98/04846) 1998-04-17</p>	<p style="text-align: right;">[21] <b>2,328,891</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6A61K 38/16 6C07K 16/28 6G01N 33/68 6C07K 14/705</b></p> <p>[25] EN</p> <p>[54] <b>G-PROTEIN COUPLED RECEPTOR, NAMED 2871 RECEPTOR</b></p> <p>[54] <b>RECEPTEUR COUPLE A LA PROTEINE G DESIGNE RECEPTEUR 2871</b></p> <p>[72] HODGE, MARTIN R., US</p> <p>[72] GLUCKSMANN, MARIA ALEXANDRA, US</p> <p>[71] MILLENNIUM PHARMACEUTICALS, INC., US</p> <p>[85] 2000-11-29</p> <p>[86] 1999-06-02 (PCT/US99/12203)</p> <p>[87] 1999-12-09 (WO99/63087)</p> <p>[30] US (09/088,857) 1998-06-02</p>	<p style="text-align: right;">[21] <b>2,328,896</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/445</b></p> <p>[25] EN</p> <p>[54] <b>TREATMENT OF GENERALIZED ANXIETY DISORDER WITH PAROXETINE</b></p> <p>[54] <b>TRAITEMENT DE TROUBLE ANXIEUX GENERALISE AVEC DE LA PAROXETINE</b></p> <p>[72] ZANINELLI, ROCCO, US</p> <p>[71] SMITHKLINE BEECHAM CORPORATION, US</p> <p>[85] 2000-10-18</p> <p>[86] 1999-04-22 (PCT/US99/08786)</p> <p>[87] 1999-10-28 (WO99/53919)</p> <p>[30] GB (9808479.1) 1998-04-22</p>

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[21] **2,328,897**  
[13] A1

[51] **Int.Cl. 6C08J 7/06 6G02B 1/04**  
[25] EN  
[54] **PLASMA SURFACE TREATMENT OF SILICONE HYDROGEL CONTACT LENSES**  
[54] **TRAITEMENT AU PLASMA D'UNE SURFACE DE LENTILLE DE CONTACT EN HYDROGEL CONTENANT DU SILICONE**  
[72] VALINT, PAUL L., JR., US  
[72] GROBE, GEORGE L., US  
[72] MOOREHEAD, MICHAEL J., US  
[72] AMMON, DANIEL M., JR., US  
[71] BAUSCH & LOMB INCORPORATED, US  
[85] 2000-10-18  
[86] 1999-04-21 (PCT/US99/08749)  
[87] 1999-11-11 (WO99/57177)  
[30] US (60/084,332) 1998-05-05

[21] **2,328,898**  
[13] A1

[51] **Int.Cl. 6C08J 7/06 6G02B 1/04**  
[25] EN  
[54] **PLASMA SURFACE TREATMENT OF SILICONE HYDROGEL CONTACT LENSES**  
[54] **TRAITEMENT D'UNE SURFACE DE LENTILLE DE CONTACT AU PLASMA**  
[72] VALINT, PAUL L., JR., US  
[72] MOOREHEAD, MICHAEL J., US  
[72] GROBE, GEORGE L., US  
[72] AMMON, DANIEL M., JR., US  
[71] BAUSCH & LOMB INCORPORATED, US  
[85] 2000-10-18  
[86] 1999-04-21 (PCT/US99/08781)  
[87] 1999-11-11 (WO99/57178)  
[30] US (60/084,334) 1998-05-05

[21] **2,328,899**  
[13] A1

[51] **Int.Cl. 6C07C 4/02 6C10G 11/00 6C10G 9/26**  
[25] EN  
[54] **PROCESS FOR SELECTIVELY PRODUCING LIGHT OLEFINS IN A FLUID CATALYTIC CRACKING PROCESS FROM A NAPHTHA/STEAM FEED**  
[54] **PROCEDE D'ELABORATION SELECTIVE D'OLEFINES LEGERES EN CRAQUAGE CATALYTIQUE FLUIDE A PARTIR D'UNE ALIMENTATION COMBINEE NAPHTA/VAPEUR**  
[72] FUNG, SHUN CHONG, US  
[72] CHEN, TAN-JEN, US  
[72] JANSSEN, MARCEL JOHANNES GERARARDUS, BE  
[72] WACHTER, WILLIAM AUGUSTINE, US  
[72] HENRY, BRIAN ERIK, US  
[72] ASPLIN, JOHN ERNEST, US  
[71] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[85] 2000-10-18  
[86] 1999-04-27 (PCT/US99/08960)  
[87] 1999-11-11 (WO99/57085)  
[30] US (09/072,632) 1998-05-05

[21] **2,328,900**  
[13] A1

[51] **Int.Cl. 6C13K 13/00 6C07H 3/02**  
[25] EN  
[54] **PROCESS FOR PRODUCING L-ARABINOSE BY ACID HYDROLYSIS METHOD**  
[54] **PROCEDE DE PRODUCTION DE L-ARABINOSE PAR HYDROLYSE ACIDE**  
[72] SUETAKE, SHUICHI, JP  
[72] OHSAKI, SHIGEMITSU, JP  
[72] ABE, JUN'ICHI, JP  
[72] SHIBANUMA, KIYOSHI, JP  
[72] HIZUKURI, SUSUMU, JP  
[71] SANWA KOSAN KABUSHIKI KAISHA, JP  
[85] 2000-10-17  
[86] 1999-04-26 (PCT/JP99/02240)  
[87] 1999-11-11 (WO99/57326)  
[30] JP (10/137485) 1998-05-01

[21] **2,328,901**  
[13] A1

[51] **Int.Cl. 6C10B 57/02 6C10G 35/00 6C10G 45/00 6C10G 57/00 6C10G 65/00 6C10G 51/02 6C10G 55/02 6C10G 69/02 6C10G 35/10**  
[25] EN  
[54] **THREE STAGE HYDROPROCESSING INCLUDING A VAPOR STAGE**  
[54] **HYDROTRAITEMENT A TROIS ETAGES DE REACTION COMPRENANT UN ETAGE VAPEUR**  
[72] MARKLEY, GERALD EDWARD, US  
[72] ELLIS, EDWARD STANLEY, US  
[72] JUNG, HENRY, US  
[72] GUPTA, RAMESH, US  
[71] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[85] 2000-10-17  
[86] 1999-04-30 (PCT/US99/09642)  
[87] 1999-11-11 (WO99/57224)  
[30] US (09/073,413) 1998-05-06

[21] **2,328,902**  
[13] A1

[51] **Int.Cl. 6C07H 21/04 6C07K 16/00 6C12N 1/21 6C07K 14/435 6C12N 15/85 6C12N 15/86**  
[25] EN  
[54] **NOVEL SECRETED AND MEMBRANE-ASSOCIATED PROTEINS AND USES THEREFOR**  
[54] **NOUVELLES PROTEINES SECRETEES ET ASSOCIEES A UNE MEMBRANE ET LEURS UTILISATIONS**  
[72] MCCARTHY, SEAN A., US  
[71] MILLENNIUM PHARMACEUTICALS, INC., US  
[85] 2000-11-28  
[86] 1999-05-28 (PCT/US99/11842)  
[87] 1999-12-02 (WO99/61463)  
[30] US (09/086,892) 1998-05-29  
[30] US (09/087,121) 1998-05-29

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[21] **2,328,903**  
[13] A1  
[51] **Int.Cl. 7C07D 487/04 7A61P 35/00 7A61P 43/00 7A61K 31/407 7A61K 31/4178**  
[25] EN  
[54] **COMPOUNDS CAPABLE OF CLEAVING DOUBLE-STRANDED DNA AND METHOD OF UTILIZATION OF THE SAME**  
[54] **COMPOSES CAPABLES DE CLIVER LA DOUBLE HELICE D'ADN ET MODE D'UTILISATION**  
[72] TAO, ZHI-FU, US  
[72] SAITO, ISAO, JP  
[72] SUGIYAMA, HIROSHI, JP  
[71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP  
[85] 2000-11-23  
[86] 2000-03-10 (PCT/JP00/01461)  
[87] 2000-10-05 (WO00/58312)  
[30] JP (11/83591) 1999-03-26

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[21] **2,328,904**  
[13] A1  
[51] **Int.Cl. 6C07K 14/03 6C07K 16/08 6A61K 38/16 6A61K 39/245 6C12N 15/38 6G01N 33/68**  
[25] EN  
[54] **POLYPEPTIDES, TRADITIONALLY OF THE HUMAN HERPES VIRUS TYPE 8 AND THE DIAGNOSTIC AND MEDICAL APPLICATION THEREOF**  
[54] **NOUVEAUX (POLY)PEPTIDES REPRESENTANT DES EPITOPES DU VIRUS 8 DE L'HERPES HUMAIN**  
[72] SCHATZ, OCTAVIAN, DE  
[72] HAAS, JURGEN, DE  
[71] SCHATZ, OCTAVIAN, DE  
[71] HAAS, JURGEN, DE  
[85] 2000-11-29  
[86] 1999-05-28 (PCT/EP99/03719)  
[87] 1999-12-09 (WO99/62938)  
[30] DE (198 24 244.1) 1998-05-29

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[21] **2,328,905**  
[13] A1  
[51] **Int.Cl. 6C12N 15/12 6A61K 38/17 6C07K 16/28 6C12Q 1/68 6C07K 14/705**  
[25] EN  
[54] **PROSTATE GROWTH-ASSOCIATED MEMBRANE PROTEINS**  
[54] **PROTEINES DE MEMBRANE ASSOCIEES A LA CROISSANCE DE LA PROSTATE**  
[72] GUEGLER, KARL J., US  
[72] LAL, PREETI, US  
[72] CORLEY, NEIL C., US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2000-11-20  
[86] 1999-05-17 (PCT/US99/10888)  
[87] 1999-12-02 (WO99/61469)  
[30] US (09/083,521) 1998-05-22

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[21] **2,328,906**  
[13] A1  
[51] **Int.Cl. 6A61K 39/00 6G01N 33/68 6C12Q 1/68**  
[25] EN  
[54] **ACROSOMAL SPERM PROTEIN AND USES THEREOF**  
[54] **PROTEINE ACROSOMIALE DU SPERME ET SES UTILISATIONS**  
[72] LEGARE, CHRISTINE, CA  
[72] GAUDREAU, CHRISTIAN, CA  
[72] SULLIVAN, ROBERT, CA  
[72] BERUBE, BRUNO, CA  
[71] IMMUCON INC., CA  
[85] 2000-11-29  
[86] 1999-05-13 (PCT/CA99/00437)  
[87] 1999-12-16 (WO99/64064)  
[30] US (09/090,567) 1998-06-08

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[21] **2,328,907**  
[13] A1  
[51] **Int.Cl. 7H01L 21/28 7H01S 5/042 7H01L 29/43**  
[25] EN  
[54] **ELECTRODE FOR SEMICONDUCTOR DEVICE AND ITS MANUFACTURING METHOD**  
[54] **ELECTRODE POUR DISPOSITIF A SEMI-CONDUCTEUR ET SON PROCEDE DE FABRICATION**  
[72] NAKAJIMA, AKIFUMI, JP  
[72] TSUKIJI, NAOKI, JP  
[72] TOYOSAKI, KOICHI, JP  
[71] THE FURUKAWA ELECTRIC CO., LTD., JP  
[85] 2000-10-17  
[86] 2000-02-17 (PCT/JP00/00885)  
[87] 2000-08-24 (WO00/49645)  
[30] JP (11/40277) 1999-02-18  
[30] JP (11/40278) 1999-02-18

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[21] **2,328,908**  
[13] A1  
[51] **Int.Cl. 6B29C 45/13 6B29C 45/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SUBSTANTIALLY SIMULTANEOUSLY FORMING MULTIPLE ARTICLES HAVING DIFFERENT PROPERTIES**  
[54] **PROCEDE ET APPAREIL POUR FORMER DE MANIERE SENSIBLEMENT SIMULTANEE DE MULTIPLES ARTICLES AYANT DIFFERENTES PROPRIETES**  
[72] CONNOLLY, DECLAN, IE  
[72] MCCONNELL, MARK, IE  
[72] FRYAUF, MICHAEL F., US  
[72] SZCZECH, GERALD S., US  
[71] GILLETTE CANADA COMPANY, CA  
[85] 2000-10-17  
[86] 1999-04-22 (PCT/US99/08818)  
[87] 1999-11-04 (WO99/55514)  
[30] US (09/067,328) 1998-04-28  
[30] US (09/293,262) 1999-04-16

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[21] **2,328,909**  
[13] A1  
[51] **Int.Cl. 6B32B 27/12 6B32B 31/00 6D04H 13/00 6A61F 13/15**  
[25] EN  
[54] **BREATHABLE COMPOSITE AND METHODS THEREFOR**  
[54] **COMPOSITE IMPER-RESPIRANT ET PROCEDE ASSOCIE**  
[72] GARDNER, HUGH C., US  
[72] MUMM, JEFFREY H., US  
[72] LUI, KAM C., US  
[71] BP AMOCO CORPORATION, US  
[85] 2000-10-17  
[86] 1999-04-21 (PCT/US99/08683)  
[87] 1999-10-28 (WO99/54134)  
[30] US (60/082,514) 1998-04-21

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[21] **2,328,910**  
[13] A1

[51] **Int.Cl. 6C23C 14/34 6C23C 14/08 6C03C 17/36**  
[25] EN  
[54] **ZINC-TIN ALLOY SPUTTERING TARGET**  
[54] **CIBLE DE PULVERISATION CONSTITUEE D'UN ALLIAGE ZINC-ETAIN**  
[72] O'SHAUGHNESSY, DENNIS J., US  
[72] MEDWICK, PAUL A., US  
[72] FINLEY, JAMES J., US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2000-10-17  
[86] 1999-05-06 (PCT/US99/09890)  
[87] 1999-11-18 (WO99/58736)  
[30] US (60/084,720) 1998-05-08  
[30] US (60/085,129) 1998-05-12  
[30] US (09/302,409) 1999-04-30

[21] **2,328,911**  
[13] A1

[51] **Int.Cl. 6B23C 5/22**  
[25] EN  
[54] **A CUTTING INSERT AND A CUTTING TOOL ASSEMBLY**  
[54] **ELEMENT RAPPORTE DE COUPE ET ENSEMBLE OUTIL DE COUPE**  
[72] MARGULIS, RAFAEL, IL  
[72] SATRAN, AMIR, IL  
[71] ISCAR LTD., IL  
[85] 2000-10-17  
[86] 1999-03-22 (PCT/IL99/00160)  
[87] 1999-11-04 (WO99/55483)  
[30] IL (124281) 1998-04-29

[21] **2,328,912**  
[13] A1

[51] **Int.Cl. 6C07D 249/18 6C08L 39/04 6C08F 26/06 6C08F 120/26 6C08F 120/36**  
[25] EN  
[54] **POLYMERIZABLE HYDROPHILIC ULTRAVIOLET LIGHT ABSORBING MONOMERS**  
[54] **MONOMERES POLYMERISABLES ET HYDROPHILES ABSORBANT LES RAYONS ULTRAVIOLETS**  
[72] LEE, GING-SEE, US  
[72] LIAO, XIUGAO, US  
[72] ZHOU, STEPHEN Q., US  
[71] PHARMACIA & UPJOHN GRONINGEN B.V., NL  
[85] 2000-10-17  
[86] 1999-05-05 (PCT/US99/09961)  
[87] 1999-11-18 (WO99/58507)  
[30] US (09/075,753) 1998-05-11

[21] **2,328,913**  
[13] A1

[51] **Int.Cl. 6H04M 3/00**  
[25] EN  
[54] **TELEPHONE CALL MANAGEMENT SOFTWARE AND INTERNET MARKETING METHOD**  
[54] **LOGICIEL DE GESTION D'APPEL TELEPHONIQUE ET PROCEDE DE MARKETING SUR INTERNET**  
[72] ZETMEIR, KARL D., US  
[71] ZETMEIR, KARL D., US  
[85] 2000-10-16  
[86] 1999-04-14 (PCT/US99/08102)  
[87] 1999-10-28 (WO99/55066)  
[30] US (09/062,041) 1998-04-17

[21] **2,328,914**  
[13] A1

[51] **Int.Cl. 6A47K 7/00 6A46B 15/00**  
[25] EN  
[54] **BRUSH**  
[54] **BROSSE**  
[72] OLSSON, MARITZA, SE  
[71] ITZA PRODUKTER AB, SE  
[85] 2000-10-17  
[86] 1999-04-15 (PCT/SE99/00597)  
[87] 1999-10-28 (WO99/53814)  
[30] SE (9801328-7) 1998-04-17

[21] **2,328,915**  
[13] A1

[51] **Int.Cl. 6E05B 47/02**  
[25] EN  
[54] **REMOTELY CONTROLLED DOOR LOCK SYSTEM AND METHOD**  
[54] **PROCEDE ET SYSTEME DE VERROUILLAGE DE PORTE TELECOMMANDE**  
[72] KALAYJIAN, NICHOLAS R., US  
[72] SCHAFER, DAVID C., US  
[72] BURNETT, WILLIAM R., US  
[71] EMHART INC., US  
[85] 2000-10-16  
[86] 1999-04-16 (PCT/US99/08360)  
[87] 1999-10-21 (WO99/53161)  
[30] US (09/062,156) 1998-04-16

[21] **2,328,916**  
[13] A1

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **FIBROUS ARTICLES HAVING ODOR ABSORPTION ABILITY AND METHOD OF MAKING SAME**  
[54] **ARTICLES FIBREUX POUVANT ABSORBER LES ODEURS, ET SON PROCEDE DE FABRICATION**  
[72] WILLIAMS, KARLA E., US  
[71] PLAYTEX PRODUCTS, INC., US  
[85] 2000-10-17  
[86] 1999-04-20 (PCT/US99/08668)  
[87] 1999-10-28 (WO99/53880)  
[30] US (09/062,993) 1998-04-20

[21] **2,328,917**  
[13] A1

[51] **Int.Cl. 6B04B 5/00**  
[25] EN  
[54] **FREE JET CENTRIFUGE**  
[54] **CENTRIFUGEUSE A JET LIBRE**  
[72] FISCHER, HELMUT, DE  
[72] FREHLAND, PETER, DE  
[71] FILTERWERK MANN & HUMMEL GMBH, DE  
[85] 2000-10-16  
[86] 1999-04-16 (PCT/EP99/02584)  
[87] 1999-10-28 (WO99/54051)  
[30] EP (PCT/EP98/02219) 1998-04-16  
[30] DE (199 11 212.6) 1999-03-12

[21] **2,328,918**  
[13] A1

[51] **Int.Cl. 6C07C 49/245 6C07C 45/61**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF 2-HYDROXYALKYL HALOPHENONES**  
[54] **PROCEDE DE PREPARATION DE 2-HYDROXYALKYLE HALOPHENONES**  
[72] BAILEY, KEVIN DOUGLAS, GB  
[72] MONTEITH, MICHAEL JOHN, GB  
[72] CROSBY, JOHN, GB  
[71] AVECIA LIMITED, GB  
[85] 2000-10-17  
[86] 1999-04-08 (PCT/GB99/01082)  
[87] 1999-10-28 (WO99/54272)  
[30] GB (9808447.8) 1998-04-18

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[21] **2,328,919**  
[13] A1

[51] **Int.Cl. 6A46D 3/00 6B23Q 7/00 6A46D 9/02 6A46D 3/08 6B29C 45/14**  
[25] EN  
[54] **AUTOMATED PROCESS AND APPARATUS FOR SUBSTANTIALLY SIMULTANEOUSLY FORMING MULTIPLE ARTICLES HAVING DIFFERENT PROPERTIES**  
[54] **PROCEDE ET APPAREIL AUTOMATISES POUR FORMER DE MULTIPLES ARTICLES AYANT DIFFERENTES PROPRIETES**  
[72] CONNOLLY, DECLAN, IE  
[72] MCCONNELL, MARK, IE  
[72] FRYAUF, MICHAEL F., US  
[72] SZCZECH, GERALD S., US  
[71] GILLETTE CANADA COMPANY, CA  
[85] 2000-10-17  
[86] 1999-04-22 (PCT/US99/08819)  
[87] 1999-11-04 (WO99/55193)  
[30] US (09/067,728) 1998-04-28  
[30] US (09/293,019) 1999-04-16

[21] **2,328,920**  
[13] A1

[51] **Int.Cl. 6C07C 1/00 6C07C 307/02 6C07D 207/06 6C07D 295/06 6C07C 271/08 6A61K 31/135 6C07F 7/18 6C07C 219/22 6C07C 219/28 6A61K 31/325 6A61K 31/40 6A61K 31/435 6C07C 217/48 6C07C 217/62**  
[25] EN  
[54] **NOVEL DERIVATIVES OF 3,3-DIPHENYLPROPYLAMINES**  
[54] **NOUVEAUX DERIVES DE 3,3-DIPHENYLPROPYLAMINES**  
[72] MEESE, CLAUS, DE  
[72] SPARF, BENGT, SE  
[71] SCHWARZ PHARMA AG, DE  
[85] 2000-10-17  
[86] 1999-05-11 (PCT/EP99/03212)  
[87] 1999-11-18 (WO99/58478)  
[30] EP (98108608.5) 1998-05-12

[21] **2,328,921**  
[13] A1

[51] **Int.Cl. 6E05C 1/10**  
[25] EN  
[54] **SLIDE LATCH**  
[54] **VERROU COULISSANT**  
[72] TIEU, LOC B., US  
[71] SOUTHCO, INC., US  
[85] 2000-10-16  
[86] 1999-04-14 (PCT/US99/08115)  
[87] 1999-10-28 (WO99/54579)  
[30] US (09/063,130) 1998-04-20

[21] **2,328,922**  
[13] A1

[51] **Int.Cl. 6A61K 39/385 6C08F 283/00 6A01N 37/00 6A01N 43/02 6A01N 31/14**  
[25] EN  
[54] **TERMINALLY-BRANCHED POLYMERIC LINKERS AND POLYMERIC CONJUGATES CONTAINING THE SAME**  
[54] **LIEURS POLYMERIQUES A RAMIFICATION TERMINALE ET RENFERMANT CES LIEURS**  
[72] PENDRI, ANNA PURNA, US  
[72] GREENWALD, RICHARD B., US  
[72] CHOE, YUN H., US  
[72] MARTINEZ, ANTHONY J., US  
[71] ENZON, INC., US  
[85] 2000-10-16  
[86] 1999-04-16 (PCT/US99/08373)  
[87] 1999-10-28 (WO99/53951)  
[30] US (09/062,305) 1998-04-17

[21] **2,328,923**  
[13] A1

[51] **Int.Cl. 6C06D 5/08**  
[25] EN  
[54] **MONOPROPELLANT SYSTEM**  
[54] **SYSTEME DE MONERGOL**  
[72] ELANDS, PETRUS JOHANNES MARIA, NL  
[72] VAN DEN BERG, RONALD PETER, NL  
[72] MUL, JOHANNES MARIA, NL  
[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPULIJK ONDERZOEK, NL  
[85] 2000-10-16  
[86] 1999-04-14 (PCT/NL99/00216)  
[87] 1999-10-21 (WO99/52839)  
[30] EP (98201190.0) 1998-04-15

[21] **2,328,924**  
[13] A1

[51] **Int.Cl. 6A61L 9/12**  
[25] EN  
[54] **MAGNETICALLY OPERATED APPARATUS FOR DISPENSING A CHEMICAL**  
[54] **DISTRIBUTEUR DE PRODUIT CHIMIQUE MIS EN OEUVRE MAGNETIQUEMENT**  
[72] CHOWN, PETER ARTHUR CHARLES, GB  
[71] CHOWN, PETER ARTHUR CHARLES, GB  
[85] 2000-10-17  
[86] 1999-04-12 (PCT/GB99/01115)  
[87] 1999-11-04 (WO99/55392)  
[30] GB (9809215.8) 1998-04-29  
[30] GB (9815160.8) 1998-07-13

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[13] A1

[51] **Int.Cl. 6H01S 3/06 6G02B 6/16 6G02F 1/35**  
[25] EN  
[54] **OPTICAL FIBRE LASER**  
[54] **LASER A FIBRE OPTIQUE**  
[72] IBSEN, MORTEN, GB  
[72] SET, SZE YUN, JP  
[72] RONNEKLEIV, ERLAND, NO  
[72] YAMASHITA, SHINJI, JP  
[72] LAMING, RICHARD IAN, GB  
[72] ZERVAS, MICHAEL NICKOLAOS, GB  
[71] UNIVERSITY OF SOUTHAMPTON, GB  
[85] 2000-10-16  
[86] 1999-04-09 (PCT/GB99/01105)  
[87] 1999-10-28 (WO99/54971)  
[30] GB (9808265.4) 1998-04-17

[21] **2,328,926**  
[13] A1

[51] **Int.Cl. 6C08F 2/40 6C08F 10/00 6B01J 8/00 6C08F 4/607**  
[25] EN  
[54] **CATALYST DELIVERY METHOD AND CATALYST FEEDER**  
[54] **TECHNIQUE DE DISTRIBUTION DE CATALYSEUR ET DISTRIBUTEUR DE CATALYSEUR**  
[72] RUSSELL, KATHRYN A., US  
[72] AGAPIOU, AGAPIOS K., US  
[71] UNIVATION TECHNOLOGIES LLC, US  
[85] 2000-10-17  
[86] 1999-05-27 (PCT/US99/11747)  
[87] 1999-12-02 (WO99/61486)  
[30] US (09/087,024) 1998-05-29

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<p style="text-align: center;">[21] <b>2,328,927</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 235/56 6A61K 31/165</b> [25] EN [54] <b>BENZAMIDE DERIVATIVES FOR THE TREATMENT OF DISEASES MEDIATED BY CYTOKINES</b> [54] <b>DERIVES DE BENZAMIDE POUR LE TRAITEMENT DE MALADIES DONT LA MEDIATION EST ASSUREE PAR LES CYTOKINES</b> [72] BROWN, GEORGE ROBERT, GB [72] BROWN, DEARG SUTHERLAND, GB [71] ASTRAZENECA AB, GB [85] 2000-10-16 [86] 1999-05-11 (PCT/GB99/01489) [87] 1999-11-25 (WO99/59959) [30] GB (9810357.5) 1998-05-15 [30] GB (9822483.5) 1998-10-16</p>	<p style="text-align: center;">[21] <b>2,328,929</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 43/42</b> [25] EN [54] <b>SEROTONIN POTENTIATION BY OLEAMIDE ANALOGS</b> [54] <b>POTENTIALISATION DE LA SEROTONINE PAR DES ANALOGUES D'OLEAMIDE</b> [72] BOGER, DALE L., US [71] THE SCRIPPS RESEARCH INSTITUTE, US [85] 2000-10-17 [86] 1999-04-30 (PCT/US99/09617) [87] 1999-11-04 (WO99/55159) [30] US (09/071,389) 1998-04-30</p>	<p style="text-align: center;">[21] <b>2,328,932</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 15/02</b> [25] EN [54] <b>INFORMATION PROCESSING DEVICE AND METHOD, AND PROGRAM STORAGE MEDIUM</b> [54] <b>DISPOSITIF ET PROCEDE DE TRAITEMENT DE L'INFORMATION ET SUPPORT DE MEMORISATION DE PROGRAMME</b> [72] ISHIGURO, RYUJI, JP [72] KAWAKAMI, ITARU, JP [72] EZURA, YUICHI, JP [72] TANABE, MITSURU, JP [71] SONY CORPORATION, JP [85] 2000-10-17 [86] 2000-02-17 (PCT/JP00/00904) [87] 2000-08-24 (WO00/49510) [30] JP (11/39218) 1999-02-17</p>
<p style="text-align: center;">[21] <b>2,328,928</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08K 9/06 6C08L 21/00 6C08J 3/215</b> [25] EN [54] <b>POWDERY MODIFIED LOADING MATERIAL CONTAINING RUBBER POWDER, METHOD FOR THE PRODUCTION AND USE THEREOF</b> [54] <b>MATIERES DE CHARGE MODIFIEES SOUS FORME DE POUDRE, CONTENANT DE LA POUDRE DE CAOUTCHOUC, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION</b> [72] STOBER, REINHARD, DE [72] LAUER, HARTMUT, DE [72] GORL, UDO, DE [72] ERNST, UWE, DE [71] PKU PULVERKAUTSCHUK UNION GMBH, DE [85] 2000-10-17 [86] 1999-03-20 (PCT/EP99/01971) [87] 1999-10-28 (WO99/54397) [30] DE (198 16 972.8) 1998-04-17</p>	<p style="text-align: center;">[21] <b>2,328,930</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 7/08</b> [25] EN [54] <b>REMOTE ORDERING SYSTEM FOR RESTAURANT DRIVE-UP LANE</b> [54] <b>SYSTEME DE PASSATION DE COMMANDE A DISTANCE POUR VOIE D'ACCES AUTOMOBILE A UN RESTAURANT</b> [72] PENTEL, RANDOLPH M., US [71] PENTEL, RANDOLPH M., US [85] 2000-10-16 [86] 1999-04-16 (PCT/US99/08511) [87] 1999-10-28 (WO99/54808) [30] US (09/062,093) 1998-04-17</p>	<p style="text-align: center;">[21] <b>2,328,933</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A45D 40/00</b> [25] EN [54] <b>STABLE PROPEL/REPEL MECHANISM</b> [54] <b>MECANISME STABLE DE SORTIE/RETRAIT</b> [72] BOUIX, HERVE F., US [71] COLOR ACCESS, INC., US [85] 2000-10-16 [86] 2000-02-02 (PCT/US00/02749) [87] 2000-08-31 (WO00/49909) [30] US (09/256,858) 1999-02-24</p>
<p style="text-align: center;">[21] <b>2,328,931</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B05B 11/00</b> [25] EN [54] <b>FOAM SPRAYING DEVICE</b> [54] <b>DISPOSITIF DE PULVERISATION DE MOUSSE</b> [72] VAN SWIETEN, ROY, NL [72] DE REGT, JEROEN, NL [71] KELTUB B.V., NL [85] 2000-10-17 [86] 1999-04-18 (PCT/IB99/00704) [87] 1999-10-28 (WO99/54054) [30] CH (879/98) 1998-04-17</p>	<p style="text-align: center;">[21] <b>2,328,934</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 241/08 6C07D 209/00 6C07D 241/00 6C07D 487/04 6C07D 243/08</b> [25] EN [54] <b>SOLID SUPPORTED SYNTHESIS OF SULFONATED 2-OXOPIPERAZINES</b> [54] <b>SYNTHESE SUR SUPPORT SOLIDE DE 2-OXOPIPERAZINES SULFONEES</b> [72] KLOPFENSTEIN, SEAN REES, US [72] GOLEBIEWSKI, ADAM, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-10-17 [86] 1999-04-27 (PCT/US99/09091) [87] 1999-11-04 (WO99/55684) [30] US (60/083,468) 1998-04-29</p>	

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<p style="text-align: right;">[21] <b>2,328,935</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05K 9/00</b> [25] EN [54] <b>EMI SHIELDING ENCLOSURES CONTRE LES PERTURBATIONS ELECTROMAGNETIQUES (EMI)</b> [72] BAKER, MARK G., US [72] YENNI, DONALD M., JR., US [72] DE SOUZA, JOSE P., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2000-10-17 [86] 1999-03-31 (PCT/US99/07088) [87] 1999-11-11 (WO99/57952) [30] US (09/070,994) 1998-05-01</p>	<p style="text-align: right;">[21] <b>2,328,938</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B66F 9/065 6B66F 9/075</b> [25] EN [54] <b>TRANSPORTABLE LIFT TRUCK WITH TELESCOPIC LIFTING ARM</b> [54] <b>CHARIOT ELEVATEUR TRANSPORTABLE, A BRAS DE LEVAGE TELESCOPIQUE</b> [72] MCINERNEY, JAMES J., IE [72] MCINERNEY, JAMES P., IE [71] LIFTCON TECHNOLOGIES LIMITED, IE [85] 2000-10-16 [86] 1999-04-19 (PCT/IE99/00026) [87] 1999-10-28 (WO99/54249) [30] EP (98650024.7) 1998-04-17</p>	<p style="text-align: right;">[21] <b>2,328,941</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 13/00</b> [25] EN [54] <b>INAPPROPRIATE SITE MANAGEMENT SOFTWARE</b> [54] <b>LOGICIEL DE GESTION DES SITES INAPPROPRIES</b> [72] HUGHES, PATRICK ALAN, US [72] ELSWICK, PAUL BLAIR, US [71] CORNERPOST SOFTWARE, LLC, US [85] 2000-10-16 [86] 1999-04-20 (PCT/US99/08603) [87] 1999-10-28 (WO99/54827) [30] US (09/062,637) 1998-04-20</p>
<p style="text-align: right;">[21] <b>2,328,936</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D03D 47/23</b> [25] EN [54] <b>GRIPPER AND WEFT INSERTION DEVICE FOR A GRIPPER WEAVING MACHINE</b> [54] <b>PINCE ET DISPOSITIF DE DUITTE DESTINE A UNE MACHINE A TISSER A PINCE</b> [72] SPEICH, FRANCISCO, CH [71] TEXTILMA AG, CH [85] 2000-10-17 [86] 1999-03-08 (PCT/CH99/00104) [87] 1999-11-25 (WO99/60193) [30] DE (298 08 997.1) 1998-05-18</p>	<p style="text-align: right;">[21] <b>2,328,939</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G08B 13/22 6G08B 25/08</b> [25] EN [54] <b>MONITORING SYSTEM</b> [54] <b>SYSTEME DE SURVEILLANCE</b> [72] GORDON, DAVID HYMAN, GB [71] ASCOT MANAGEMENT SOLUTIONS LIMITED, GB [85] 2000-10-16 [86] 1999-03-17 (PCT/GB99/00694) [87] 1999-09-23 (WO99/48070) [30] GB (9805556.9) 1998-03-17</p>	<p style="text-align: right;">[21] <b>2,328,943</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B64C 1/00 6E05C 3/02 6E05C 3/04 6G05G 1/04 6G05G 5/06 6B64C 1/10 6G05G 1/10 6B64C 1/20</b> [25] EN [54] <b>GALLERY RETAINER</b> [54] <b>DISPOSITIF DE RETENUE POUR OFFICE</b> [72] CSIK, TERRENCE S., US [72] SHORT, DALE L., US [71] SKYLOCK INDUSTRIES, INC., US [85] 2000-10-16 [86] 1999-04-12 (PCT/US99/07938) [87] 1999-10-21 (WO99/52769) [30] US (60/081,749) 1998-04-14</p>
<p style="text-align: right;">[21] <b>2,328,937</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/12</b> [25] EN [54] <b>PHASE LOCK EVOKED RESPONSE AUDIOMETER</b> [54] <b>AUDIOMETRE ELECTROPHYSIOLOGIQUE A VERROUILLAGE DE PHASE</b> [72] COHEN, LAWRENCE THOMAS, AU [72] RICKARDS, FIELD WINSTON, AU [72] PARKER, JOHN CHARLES, AU [71] THE UNIVERSITY OF MELBOURNE, AU [85] 2000-10-17 [86] 1999-04-22 (PCT/AU99/00303) [87] 1999-10-28 (WO99/53839) [30] AU (PP 3137) 1998-04-22</p>	<p style="text-align: right;">[21] <b>2,328,940</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 33/24</b> [25] EN [54] <b>SOIL TEST</b> [54] <b>TEST DE SOL</b> [72] JONES, KEVIN CHRISTOPHER, GB [72] SEMPLE, KIRK TAYLOR, GB [72] REID, BRIAN JOHN, GB [71] UNIVERSITY OF LANCASTER, GB [85] 2000-10-16 [86] 1999-04-16 (PCT/GB99/00973) [87] 1999-10-28 (WO99/54727) [30] GB (9808018.7) 1998-04-16</p>	<p style="text-align: right;">[21] <b>2,328,944</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 19/12</b> [25] EN [54] <b>CONTROLLED VOLUME VESSEL FROM MICROWAVE ASSISTED CHEMICAL PROCESSES</b> [54] <b>RECIPIENT A VOLUME CONTROLE POUR TRAITEMENTS CHIMIQUES ASSISTES PAR HYPERFREQUENCES</b> [72] MUTTERER, JAMES NELSON JR., US [72] HARGETT, WYATT PRICE JR., US [71] CEM CORPORATION, US [85] 2000-10-16 [86] 1999-04-20 (PCT/US99/08727) [87] 1999-10-28 (WO99/54033) [30] US (09/062,979) 1998-04-20</p>



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[13] A1

[51] **Int.Cl. 6A61K 9/16 6A61K 31/07 6A61K 31/375 6A61K 9/48**  
[25] EN  
[54] **SOFTGEL-COMPATIBLE COMPOSITION CONTAINING RETINOL**  
[54] **COMPOSITION COMPATIBLE AVEC UN GEL MOU CONTENANT DU RETINOL**  
[72] RINALDI, MARIE A., US  
[72] TUTSCHEK, PAUL C., US  
[72] SAXENA, SUBHASH J., US  
[71] ADVANCED POLYMER SYSTEMS, INC., US  
[71] R.P. SCHERER CORPORATION, US  
[85] 2000-10-16  
[86] 1999-04-16 (PCT/US99/08559)  
[87] 1999-10-28 (WO99/53904)  
[30] US (09/062,138) 1998-04-17  
[30] US (09/272,893) 1999-03-19

[21] **2,328,946**  
[13] A1

[51] **Int.Cl. 6A61K 35/78 6C07J 63/00 6C07H 15/256**  
[25] EN  
[54] **PROCESS FOR RECOVERY AND PURIFICATION OF SAPONINS AND SAPOGENINS FROM QUINOA (CHENOPODIUM QUINOA)**  
[54] **PROCEDE DE RECUPERATION ET DE PURIFICATION DE SAPONINES ET DE SAPOGENINES PROVENANT DE QUINOA (CHENOPODIUM QUINOA)**  
[72] AUBIN, ANDREW A., CA  
[72] PATON, DAVID, CA  
[72] THOMPSON, KRISTA, CA  
[72] MUIR, ALISTER D., CA  
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER, CA  
[85] 2000-10-17  
[86] 1999-04-16 (PCT/CA99/00333)  
[87] 1999-10-28 (WO99/53933)  
[30] US (60/082,262) 1998-04-17

[21] **2,328,947**  
[13] A1

[51] **Int.Cl. 6B65H 16/06**  
[25] EN  
[54] **APPARATUS FOR OPENING AND DISPENSING PLASTIC BAGS**  
[54] **APPAREIL D'OUVERTURE ET DE DISTRIBUTION DE SACS PLASTIQUES**  
[72] SACCHETTI, ALFRED D., US  
[72] ROMANO, ANGELO C., US  
[71] SACCHETTI, ALFRED D., US  
[71] ROMANO, ANGELO C., US  
[85] 2000-10-16  
[86] 1998-03-19 (PCT/US98/05796)  
[87] 1999-09-23 (WO99/47441)

[21] **2,328,948**  
[13] A1

[51] **Int.Cl. 6G02B 6/26**  
[25] EN  
[54] **INTERMEDIATE-STATE-ASSISTED OPTICAL COUPLER**  
[54] **COUPLEUR OPTIQUE A ETAT INTERMEDIAIRE ASSISTE**  
[72] ORENSTEIN, MEIR, IL  
[72] MOISEYEV, NIMROD, IL  
[72] VOROBICHK, ILYA, IL  
[71] OPTUN LTD., IL  
[85] 2000-10-17  
[86] 1999-04-19 (PCT/US99/08574)  
[87] 1999-10-28 (WO99/54768)  
[30] US (09/063,295) 1998-04-21

[21] **2,328,949**  
[13] A1

[51] **Int.Cl. 6A61K 9/70 6A61K 45/08 6A61K 31/135 6A61K 31/14 6A61K 31/165 6A61K 31/215 6A61K 31/415 6A61K 31/445 6A61K 31/55**  
[25] EN  
[54] **ADHESIVE PREPARATIONS**  
[54] **PREPARATIONS ADHESIVES**  
[72] KURITA, HISAKAZU, JP  
[72] CHONO, HIDEHARU, JP  
[72] TATEISHI, TETSURO, JP  
[72] HIGO, NARUHITO, JP  
[71] HISAMITSU PHARMACEUTICAL CO., INC., JP  
[85] 2000-10-16  
[86] 1999-04-08 (PCT/JP99/01868)  
[87] 1999-10-28 (WO99/53906)  
[30] JP (10/122758) 1998-04-17

[21] **2,328,950**  
[13] A1

[51] **Int.Cl. 6A61K 31/505**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION**  
[54] **COMPOSITION PHARMACEUTIQUE**  
[72] DEO, PETER PAUL, AU  
[72] TAIT, RUSSELL JOHN, AU  
[72] WAI-CHIU SO, TONY, AU  
[71] SOLTEC RESEARCH PTY. LTD., AU  
[85] 2000-10-18  
[86] 1999-04-20 (PCT/AU99/00294)  
[87] 1999-10-28 (WO99/53923)  
[30] AU (PP 3107) 1998-04-22

[21] **2,328,951**  
[13] A1

[51] **Int.Cl. 7G09G 3/36 7G02F 1/136 7G09G 3/20 7G09G 3/28 7H04N 5/66**  
[25] EN  
[54] **IMAGE SIGNAL PROCESSING DEVICE**  
[54] **DISPOSITIF DE TRAITEMENT DE SIGNAUX D'IMAGE**  
[72] MASUMOTO, JUNJI, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2000-10-18  
[86] 2000-02-17 (PCT/JP00/00882)  
[87] 2000-08-24 (WO00/49595)  
[30] JP (11/41191) 1999-02-19

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[13] A1

[51] **Int.Cl. 6C01B 15/01 6C01B 15/013**  
[25] EN  
[54] **HIGHLY PURE AQUEOUS HYDROGEN PEROXIDE SOLUTIONS, METHOD FOR PRODUCING SAME AND THEIR USE**  
[54] **SOLUTIONS DE PEROXYDE D'HYDROGENE AQUEUSES DE GRANDE PURETE, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION**  
[72] FISCHER, MARTIN, DE  
[72] STAMMER, ACHIM, DE  
[72] QUASER, STEFAN, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-10-18  
[86] 1999-04-19 (PCT/EP99/02627)  
[87] 1999-10-28 (WO99/54254)  
[30] DE (198 17 794.1) 1998-04-21

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<p style="text-align: right;">[21] <b>2,328,953</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04R 3/00 7H04R 25/00</b> [25] EN [54] <b>SPEECH CONVERTING DEVICE AND METHOD</b> [54] <b>DISPOSITIF DE CONVERSION DE LA PAROLE ET PROCEDE CORRESPONDANT</b> [72] OBA, TOSHIHIKO, JP [71] YUGEN KAISHA GM&amp;M, JP [85] 2000-10-16 [86] 2000-02-16 (PCT/JP00/00872) [87] 2000-08-24 (WO00/49834) [30] JP (11/37558) 1999-02-16 [30] JP (11/37559) 1999-02-16</p>	<p style="text-align: right;">[21] <b>2,328,957</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04J 13/04</b> [25] EN [54] <b>INTERFERENCE SIGNAL ELIMINATOR</b> [54] <b>ELIMINATION DE SIGNAUX PARASITES</b> [72] HIRAMATSU, KATSUHIKO, JP [72] HAGA, HIROKI, JP [71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP [85] 2000-10-18 [86] 2000-03-03 (PCT/JP00/01253) [87] 2000-09-14 (WO00/54446) [30] JP (11/103047) 1999-03-06</p>	<p style="text-align: right;">[21] <b>2,328,960</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08K 3/00</b> [25] EN [54] <b>FILLED POLYOL COMPONENT VISCOSITY REDUCTION</b> [54] <b>DIMINUTION DE LA VISCOSITE D'UN CONSTITUANT DE POLYOL CHARGE</b> [72] MACFARLAND, DAVID R., US [71] HUNTSMAN ICI CHEMICALS LLC, US [85] 2000-10-16 [86] 1999-04-29 (PCT/EP99/02915) [87] 1999-11-11 (WO99/57184) [30] US (60/084,171) 1998-05-04</p>
<p style="text-align: right;">[21] <b>2,328,954</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 27/09 7G02B 27/10 7G02B 27/14 7G02B 27/16 7B41J 2/45</b> [25] EN [54] <b>ILLUMINATION SYSTEM AND METHOD FOR SPATIAL MODULATORS</b> [54] <b>SYSTEME ET PROCEDE D'ECLAIRAGE DE MODULEURS SPATIAUX</b> [72] MOULIN, MICHEL, CH [71] KODAK POLYCHROME GRAPHICS COMPANY LTD., US [85] 2000-10-16 [86] 2000-03-10 (PCT/US00/06273) [87] 2000-09-14 (WO00/54091) [30] EP (99104943.8) 1999-03-12 [30] US (09/290,828) 1999-04-13</p>	<p style="text-align: right;">[21] <b>2,328,958</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 85/50</b> [25] EN [54] <b>CONTAINER SYSTEMS FOR FLORAL ARRANGEMENTS</b> [54] <b>SYSTEMES DE RECIPIENTS POUR ARRANGEMENTS FLORAUX</b> [72] KEATING, KEVIN, AU [71] BETTY MCDOWELL (AUST.) PTY. LTD., AU [85] 2000-10-16 [86] 1999-04-08 (PCT/AU99/00270) [87] 1999-10-28 (WO99/54232) [30] AU (PP 3080) 1998-04-20</p>	<p style="text-align: right;">[21] <b>2,328,961</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B04B 1/20</b> [25] EN [54] <b>IMPROVED CENTRIFUGE SYSTEM</b> [54] <b>CENTRIFUGEUSE AMELIOREE</b> [72] HENSLEY, GARY L., US [71] HUTCHISON-HAYES INTERNATIONAL, INC., US [85] 2000-10-16 [86] 1999-04-14 (PCT/US99/08105) [87] 1999-10-21 (WO99/52641) [30] US (09/060,045) 1998-04-14</p>
<p style="text-align: right;">[21] <b>2,328,956</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F21S 8/10 7H05K 1/18</b> [25] EN [54] <b>CONTROL AND SIGNALING DEVICE OR SIGNALING DEVICE WITH A LUMINOUS ELEMENT</b> [54] <b>APPAREIL DE TRANSMISSION D'ORDRE ET DE SIGNALISATION OU APPAREIL DE SIGNALISATION A ELEMENT LUMINEUX</b> [72] HOGENER, JURGEN, DE [72] WOLFF, BERND, DE [72] SCHAFFER, JORG, DE [72] VOLBERG, JURGEN, DE [71] MOELLER GMBH, DE [85] 2000-10-18 [86] 2000-02-23 (PCT/EP00/01462) [87] 2000-09-08 (WO00/52383) [30] DE (199 08 574.9) 1999-02-27</p>	<p style="text-align: right;">[21] <b>2,328,959</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E05B 27/04</b> [25] EN [54] <b>REMOVABLE CORE LOCK</b> [54] <b>SERRURE A NOYAU AMOVIBLE</b> [72] DUCKWALL, THOMAS EDWIN, US [71] MEDECO SECURITY LOCKS, INC., US [85] 2000-10-18 [86] 2000-01-11 (PCT/US00/00548) [87] 2000-08-31 (WO00/50711) [30] US (09/258,218) 1999-02-26</p>	<p style="text-align: right;">[21] <b>2,328,962</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 255/23 6C07D 311/16 6A61K 31/275</b> [25] EN [54] <b>BTK INHIBITORS AND METHODS FOR THEIR IDENTIFICATION AND USE</b> [54] <b>INHIBITEURS BTK ET LEURS PROCEDES D'IDENTIFICATION ET D'UTILISATION</b> [72] UCKUN, FATIH M., US [72] GHOSH, SUTAPA, US [72] ZHENG, YAGUO, US [71] PARKER HUGHES INSTITUTE, US [85] 2000-10-16 [86] 1999-04-19 (PCT/US99/08556) [87] 1999-10-28 (WO99/54286) [30] US (60/082,094) 1998-04-17 [30] US (09/273,191) 1999-03-19</p>

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<p style="text-align: center;">[21] <b>2,328,963</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A21B 7/00 6H05B 6/68</b> [25] EN [54] <b>IMPROVED FOOD APPLIANCE AND A CODING SYSTEM THEREFOR</b> [54] <b>APPAREIL DE CUISINE AMELIORE ET SYSTEME DE CODAGE AFFERENT</b> [72] YUNG, SIMON KWOK CHOI, HK [71] YUNG, SIMON KWOK CHOI, HK [85] 2000-10-16 [86] 1999-04-16 (PCT/GB99/01172) [87] 1999-10-28 (WO99/53766) [30] US (09/061,296) 1998-04-16</p>	<p style="text-align: center;">[21] <b>2,328,965</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 501/00 6A61K 31/545 6C07D 501/59</b> [25] EN [54] <b>NOVEL CEPHALOSPORIN COMPOUNDS, PROCESSES FOR PREPARATION THEREOF AND ANTIMICROBIAL COMPOSITIONS CONTAINING THE SAME</b> [54] <b>NOUVEAUX COMPOSES DE CEPHALOSPORINE, PROCEDES DE PREPARATION DESDITS COMPOSES ET COMPOSITIONS ANTIMICROBIENNES CONTENANT CES COMPOSES</b> [72] KIM, MU YONG, KR [72] PAEK, KYOUNG SOOK, KR [72] KIM, YONG ZU, KR [72] RYU, EUN JUNG, KR [72] LEE, CHANG SEOK, KR [72] LEE, SUN HWA, KR [72] OH, SEONG HO, KR [72] MOON, KWANG YUL, KR [71] LG CHEMICAL LTD., KR [85] 2000-10-16 [86] 1999-05-12 (PCT/KR99/00236) [87] 1999-11-18 (WO99/58535) [30] KR (1998/17260) 1998-05-13 [30] KR (1998/35650) 1998-08-31 [30] KR (1998/35651) 1998-08-31 [30] KR (1999/3757) 1999-02-04</p>	<p style="text-align: center;">[21] <b>2,328,968</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21G 1/02</b> [25] EN [54] <b>SUPERCALENDER ROLL WITH COMPOSITE COVER</b> [54] <b>ROULEAU DE SUPERCALANDRE A COUVERTURE COMPOSITE</b> [72] JONES, LISA, US [71] STOWE WOODWARD COMPANY, US [85] 2000-10-16 [86] 1999-05-21 (PCT/US99/11249) [87] 2000-02-03 (WO00/05451) [30] US (09/121,779) 1998-07-23</p>
<p style="text-align: center;">[21] <b>2,328,964</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A21B 7/00</b> [25] EN [54] <b>BREADMAKER WITH IMPROVED TEMPERATURE AND HUMIDITY CONTROL</b> [54] <b>PERFECTIONNEMENT DE LA REGULATION DE LA TEMPERATURE ET DE L'HUMIDITE DANS UN ROBOT BOULANGER DE MENAGE</b> [72] YUNG, SIMON KWOK CHOI, HK [71] YUNG, SIMON KWOK CHOI, HK [85] 2000-10-16 [86] 1999-04-16 (PCT/GB99/01179) [87] 1999-10-28 (WO99/53767) [30] US (09/061,591) 1998-04-16</p>	<p style="text-align: center;">[21] <b>2,328,966</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A23C 9/14 6A23K 1/175 6A23K 1/18 6A23L 1/20 6A23L 1/30</b> [25] EN [54] <b>COMPOSITIONS FOR REMOVAL OF MYCOTOXINS FROM FEED</b> [54] <b>COMPOSITIONS PERMETTANT D'ELIMINER LES MYCOTOXINES DANS LES ALIMENTS POUR ANIMAUX</b> [72] NEWMAN, KYLE E., US [72] HOWES, A. DEAN, US [71] ALLTECH, INC., US [85] 2000-10-16 [86] 1999-04-16 (PCT/US99/08426) [87] 1999-10-28 (WO99/53772) [30] US (60/082,134) 1998-04-17</p>	<p style="text-align: center;">[21] <b>2,328,969</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B62M 23/02 6B63H 23/24</b> [25] EN [54] <b>HUMAN-POWERED ENERGY GENERATION AND TRANSMISSION SYSTEM</b> [54] <b>SYSTEME DE GENERATION ET DE TRANSMISSION D'ENERGIE A PROPULSION HUMAINE</b> [72] DAVIS, DONALD L., US [71] ARROWSWIFT, INC., US [85] 2000-10-16 [86] 1999-04-16 (PCT/US99/08359) [87] 1999-10-28 (WO99/54194) [30] US (60/082,137) 1998-04-17</p>
	<p style="text-align: center;">[21] <b>2,328,970</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/50</b> [25] EN [54] <b>PELLETS HAVING A CORE COATED WITH A LIPID LOWERING AGENT AND A POLYMER</b> [54] <b>COMPRIMES COMPORTANT UN NOYAU ENROBE PAR UN AGENT REDUCTEUR DE LIPIDES ET PAR UN POLYMERE</b> [72] PUTTEMAN, PETER, BE [72] GILIS, PAUL MARIE VICTOR, BE [72] DE CONDE, VALENTIN FLORENT VICTOR, BE [71] JANSSEN PHARMACEUTICA N.V., BE [85] 2000-10-16 [86] 1999-04-20 (PCT/EP99/02768) [87] 1999-11-04 (WO99/55313) [30] EP (98201331.0) 1998-04-27</p>	

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[21] **2,328,971**  
[13] A1  
[51] **Int.Cl. 7A23L 1/325 7A23B 4/06**  
[25] EN  
[54] **LOW-TEMPERATURE, HIGH-PRESSURE PROCESSING METHOD FOR FISH MEAT AND/OR FISH-MIXED PASTE PRODUCT**  
[54] **PROCEDE DE TRAITEMENT A BASSE TEMPERATURE ET HAUTE PRESSION D'UNE PATE A BASE DE CHAIR DE POISSON ET/OU DE MELANGE A BASE DE POISSON**  
[72] TANAKA, SHU, JP  
[72] CHIIRO, IZUMI, JP  
[72] OSHIMA, HIROSHI, JP  
[71] HOKUREI CO., LTD., JP  
[85] 2000-10-16  
[86] 2000-02-21 (PCT/JP00/00970)  
[87] 2000-08-31 (WO00/49898)  
[30] JP (11/43333) 1999-02-22

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[21] **2,328,982**  
[13] A1  
[51] **Int.Cl. 6C07C 11/02 6C07C 1/20**  
[25] EN  
[54] **PROCESS FOR CONVERTING OXYGENATES TO OLEFINS WITH DIRECT PRODUCT QUENCHING FOR HEAT RECOVERY**  
[54] **CONVERSION EN OLEFINES DE PRODUITS OXYGENES AVEC REFROIDISSEMENT DIRECT PERMETTANT LA RECUPERATION DE CHALEUR**  
[72] KUECHLER, KEITH H., US  
[72] LATTNER, JAMES R., US  
[71] EXXON CHEMICAL PATENTS INC., US  
[85] 2000-10-16  
[86] 1999-04-16 (PCT/US99/08544)  
[87] 1999-11-04 (WO99/55650)  
[30] US (09/069,403) 1998-04-29

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[21] **2,328,983**  
[13] A1  
[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C07K 19/00 7C12N 5/04 7A01H 5/10 7C07K 16/16 7C07K 14/415**  
[25] EN  
[54] **CONTROL OF SPOROCTE OR MEIOCTE FORMATION IN PLANTS**  
[54] **REGULATION DE LA FORMATION DES SPOROCTES OU MEIOCTES CHEZ LES PLANTES**  
[72] YE, DE, SG  
[72] SUNDARESAN, VENKATESAN, SG  
[72] YANG, WEI-CAI, SG  
[72] XU, JIAN, SG  
[71] INSTITUTE OF MOLECULAR AGROBIOLOGY, SG  
[85] 2000-11-22  
[86] 1999-03-22 (PCT/SG99/00023)  
[87] 2000-09-28 (WO00/56907)

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[21] **2,328,984**  
[13] A1  
[51] **Int.Cl. 6C07C 229/28 6C07F 5/02 6C07D 335/12 6A61K 31/195 6C07C 309/27 6C07F 9/38 6C07C 229/46 6C07D 233/78**  
[25] EN  
[54] **CUBANE DERIVATIVES AS METABOTROPIC GLUTAMATE RECEPTOR ANTAGONISTS AND PROCESS FOR THEIR PREPARATION**  
[54] **DERIVES DU CUBANE AGISSANT COMME ANTAGONISTES DU RECEPTEUR DU GLUTAMATE METABOTROPIQUE, ET PROCEDE DE PREPARATION DESDITS DERIVES**  
[72] PAJOUHESH, HASSAN, CA  
[72] CURRY, KENNETH, CA  
[71] PAJOUHESH, HASSAN, CA  
[71] CURRY, KENNETH, CA  
[85] 2000-10-16  
[86] 1999-04-19 (PCT/CA99/00311)  
[87] 1999-10-28 (WO99/54280)  
[30] CA (2,235,119) 1998-04-17

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[21] **2,328,985**  
[13] A1  
[51] **Int.Cl. 6A61B 3/113**  
[25] EN  
[54] **LINEAR ARRAY EYE TRACKER**  
[54] **OCULOMETRE A BARRETTE**  
[72] YEE, KINGMAN, US  
[71] VISX, INCORPORATED, US  
[85] 2000-10-16  
[86] 1999-01-20 (PCT/US99/01222)  
[87] 1999-10-28 (WO99/54783)  
[30] US (09/063,879) 1998-04-21

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[21] **2,328,986**  
[13] A1  
[51] **Int.Cl. 6C07K 16/28 6C12P 21/08 6C12N 5/10 6C12N 15/13 6A61K 39/395 6C07K 16/46 6G01N 33/53 6G01N 33/577**  
[25] EN  
[54] **GENE RECOMBINANT ANTIBODIES**  
[54] **ANTICORPS RECOMBINES DE GENE**  
[72] ITO, MIKITO, JP  
[72] KAWADA, YOKO, JP  
[72] NAKAMURA, KAZUYASU, JP  
[72] SHITARA, KENYA, JP  
[71] KYOWA HAKKO KOGYO CO., LTD., JP  
[85] 2000-11-17  
[86] 1999-05-20 (PCT/JP99/02661)  
[87] 1999-11-25 (WO99/60025)  
[30] JP (10/139000) 1998-05-20

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[21] **2,328,987**  
[13] A1  
[51] **Int.Cl. 6H04L 12/50 6H04Q 11/00 6H04Q 5/22**  
[25] EN  
[54] **FORWARDING VARIABLE-LENGTH PACKETS IN A MULTIPORT SWITCH**  
[54] **ACHEMINEMENT DE PAQUETS DE LONGUEUR VARIABLE DANS UN COMMUTEUR MULTI-ACCES**  
[72] AYBAY, GUNES, US  
[71] CABLETRON SYSTEMS, INC., US  
[85] 2000-10-16  
[86] 1999-05-13 (PCT/US99/10614)  
[87] 1999-12-02 (WO99/62232)  
[30] US (09/084,081) 1998-05-22

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[21] **2,328,988**  
[13] A1  
[51] **Int.Cl. 6H04L 12/56 6H04Q 11/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SUPPLYING REQUESTS TO A SCHEDULER IN AN INPUT-BUFFERED MULTIPORT SWITCH**  
[54] **PROCEDE ET DISPOSITIF D'ENVOI DE REQUETES A UN ORDONNANCEUR DANS UN COMMUTEUR MULTIPORT A TAMPON D'ENTREE**  
[72] ANDERSON, ERIC T., US  
[72] BAUMAN, JAMES A., US  
[71] CABLETRON SYSTEMS, INC., US  
[85] 2000-10-16  
[86] 1999-04-29 (PCT/US99/09534)  
[87] 1999-11-11 (WO99/57857)  
[30] US (09/072,147) 1998-05-04

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[21] **2,328,990**  
[13] A1

[51] **Int.Cl. 6C07D 405/00 6C07C 233/00 6C07D 409/00 6A61K 31/16 6C07D 277/30 6C07D 333/36 6A61K 31/36 6A61K 31/38 6A61K 31/425 6C07D 317/44 6A61K 31/495**

[25] EN  
[54] **N,N-DISUBSTITUTED AMIDES THAT INHIBIT THE BINDING OF INTEGRINS TO THEIR RECEPTORS**  
[54] **AMIDES N,N-DISUBSTITUTES INHIBANT LA FIXATION D'INTEGRINES A LEURS RECEPTEURS**

[72] BIEDIGER, RONALD J., US  
[72] KASSIR, JAMAL M., US  
[72] KOGAN, TIMOTHY P. (Deceased), US  
[72] RAJU, BORE G., US  
[72] SCOTT, IAN L., US  
[72] MARKET, ROBERT V., US  
[72] LIN, SHUQUN, US  
[72] GRABBE, VANESSA O., US  
[71] TEXAS BIOTECHNOLOGY CORPORATION, US  
[85] 2000-10-16  
[86] 1999-04-15 (PCT/US99/08302)  
[87] 1999-10-21 (WO99/52898)  
[30] US (60/082,019) 1998-04-16

[21] **2,328,991**  
[13] A1

[51] **Int.Cl. 6D21C 1/04 6D21C 3/00 6D21C 5/00 6D21C 9/16**

[25] EN  
[54] **METHOD OF PRODUCING LIGNOCELLULOSIC PULP FROM NON-WOODY SPECIES**  
[54] **PROCEDE DE PRODUCTION DE PATE LIGNOCELLULOSIQUE A PARTIR D'ESPECES NON LIGNEUSES**

[72] PAN, GEORGE X., CA  
[71] ALBERTA RESEARCH COUNCIL, INC., CA  
[85] 2000-10-16  
[86] 1999-04-16 (PCT/CA99/00351)  
[87] 1999-10-28 (WO99/54544)  
[30] US (09/061,941) 1998-04-17

[21] **2,328,992**  
[13] A1

[51] **Int.Cl. 6A61K 48/00 6C07H 21/04**

[25] EN  
[54] **NR-CAM GENE, NUCLEIC ACIDS AND NUCLEIC ACID PRODUCTS FOR THERAPEUTIC AND DIAGNOSTIC USES FOR TUMORS**  
[54] **GENE NR-CAM, ACIDES NUCLEIQUES ET PRODUITS D'ACIDE NUCLEIQUE UTILISES DANS UNE THERAPIE OU UN DIAGNOSTIC DE TUMEURS**

[72] BOYNTON, ALTON L., US  
[72] MURPHY, GERALD P., US  
[72] SEHGAL, ANIL, US  
[71] NORTHWEST HOSPITAL, US  
[85] 2000-11-21  
[86] 1999-04-27 (PCT/US99/09039)  
[87] 1999-11-04 (WO99/55380)  
[30] US (60/083,152) 1998-04-27  
[30] US (60/112,098) 1998-12-14

[21] **2,328,993**  
[13] A1

[51] **Int.Cl. 6A61B 1/32**

[25] EN  
[54] **MEDICAL BODY ACCESS DEVICE**  
[54] **DISPOSITIF MEDICAL PERMETTANT D'ACCEDER A L'INTERIEUR DU CORPS**

[72] RACKLEY, RAYMOND, US  
[72] RIOUX, ROBERT F., US  
[71] SCIMED LIFE SYSTEMS, INC., US  
[85] 2000-10-16  
[86] 1999-04-22 (PCT/US99/08494)  
[87] 1999-10-28 (WO99/53829)  
[30] US (60/082,718) 1998-04-23

[21] **2,328,994**  
[13] A1

[51] **Int.Cl. 6B23K 20/12**

[25] EN  
[54] **CORROSION RESISTANT ENCLOSURE AND METHODS FOR ITS MANUFACTURE**  
[54] **ENCEINTES RESISTANT A LA CORROSION ET LEURS PROCEDES DE FABRICATION**

[72] NICHOLAS, EDWARD DAVID, GB  
[72] ANDERSSON, CLAES-GORAN, SE  
[72] FIELDING, PETER BERNARD, GB  
[72] HEDMAN, TOMMY, SE  
[71] THE WELDING INSTITUTE, GB  
[71] SVENSK KARNBRANSLEHANTERING AB, SE  
[85] 2000-10-16  
[86] 1999-04-19 (PCT/GB99/01194)  
[87] 1999-10-28 (WO99/54081)  
[30] GB (9808607.7) 1998-04-22

[21] **2,328,995**  
[13] A1

[51] **Int.Cl. 6B23K 11/11**

[25] EN  
[54] **REAL-TIME WELDING SYSTEM**  
[54] **SYSTEME DE SOUDAGE EN TEMPS REEL**

[72] CURCURI, JEREMY J., US  
[72] CECIL, DIMITRIOS G., US  
[71] CECIL, DIMITRIOS G., US  
[85] 2000-10-16  
[86] 1999-04-08 (PCT/US99/07710)  
[87] 1999-10-28 (WO99/54080)  
[30] US (09/061,965) 1998-04-17

[21] **2,328,996**  
[13] A1

[51] **Int.Cl. 6A61K 9/00 6A61K 47/02 6A61K 47/34**

[25] EN  
[54] **IMPLANTS FOR ADMINISTERING SUBSTANCES AND METHODS OF PRODUCING IMPLANTS**  
[54] **IMPLANTS POUR L'ADMINISTRATION DE SUBSTANCES ET PRODUCTION DE TELS IMPLANTS**

[72] WRIGHT, PETER JOHN, GB  
[72] CANHAM, LEIGH TREVOR, GB  
[72] BARRETT, CHRISTOPHER PAUL, GB  
[72] BOWDITCH, ANDREW PAUL, GB  
[72] COX, TIMOTHY INGRAM, GB  
[71] THE SECRETARY OF STATE FOR DEFENCE, GB  
[85] 2000-10-16  
[86] 1999-04-16 (PCT/GB99/01185)  
[87] 1999-10-28 (WO99/53898)  
[30] GB (9808052.6) 1998-04-17

[21] **2,328,997**  
[13] A1

[51] **Int.Cl. 6A61K 7/09 6A61K 7/00**

[25] EN  
[54] **HAIR SHAPING AGENTS**  
[54] **AGENT DE MODELAGE CAPILLAIRE**

[72] FORSTER, THOMAS, DE  
[72] PRINZ, DANIELA, DE  
[72] HOLLENBROCK, MARTINA, DE  
[72] MULLER, BURKHARD, DE  
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 2000-10-16  
[86] 1999-04-06 (PCT/EP99/02324)  
[87] 1999-10-21 (WO99/52496)  
[30] DE (198 16 662.1) 1998-04-15

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<p style="text-align: right;">[21] <b>2,328,998</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/20</b> [25] EN [54] <b>METHOD OF FABRICATING A BANDED PROLONGED RELEASE ACTIVE AGENT DOSAGE FORM</b> [54] <b>PROCEDE DE FABRICATION D'UNE FORME GALENIQUE A BANDES CONTENANT DES AGENTS ACTIFS A LIBERATION PROLONGEE</b> [72] EDGREN, DAVID E., US [72] PUGA, YOLANDA M., US [72] JAO, FRANCISCO, US [72] WONG, PATRICK S.-L., US [71] ALZA CORPORATION, US [85] 2000-10-16 [86] 1999-05-03 (PCT/US99/09575) [87] 1999-11-11 (WO99/56730) [30] US (60/084,646) 1998-05-07 [30] US (09/274,648) 1999-03-23</p>	<p style="text-align: right;">[21] <b>2,329,001</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G05D 7/00 6C01B 17/00 6B01D 47/00</b> [25] EN [54] <b>SULFUR DIOXIDE ABATEMENT SYSTEM</b> [54] <b>SYSTEME DE DIMINUTION DU BIOXYDE DE SOUFRE</b> [72] SCHWAB, JAMES J., US [71] ENVIROCARE INTERNATIONAL, INC., US [85] 2000-10-16 [86] 1999-04-07 (PCT/US99/07345) [87] 1999-10-28 (WO99/54795) [30] US (09/064,015) 1998-04-20</p>	<p style="text-align: right;">[21] <b>2,329,004</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/44 7A61K 31/415</b> [25] EN [54] <b>PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF DIABETES</b> [54] <b>COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT DU DIABETE</b> [72] YAMANE, MASAHIRO, JP [72] ODAKA, HIROYUKI, JP [71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP [85] 2000-10-16 [86] 1999-06-29 (PCT/JP99/03496) [87] 2000-01-06 (WO00/00195) [30] JP (10/183700) 1998-06-30</p>
<p style="text-align: right;">[21] <b>2,328,999</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 2/06</b> [25] EN [54] <b>COVERED ENDOPROSTHESIS AND DELIVERY SYSTEM</b> [54] <b>ENDOPROTHESE RECOUVERTE ET SYSTEME DE MISE EN PLACE</b> [72] GALLEGOS, MARGARET L., US [72] CULLY, EDWARD H., US [72] ARMSTRONG, JOSEPH R., US [72] VONESH, MICHAEL J., US [71] GORE ENTERPRISE HOLDINGS, INC., US [85] 2000-10-16 [86] 2000-01-21 (PCT/US00/01531) [87] 2000-07-27 (WO00/42947) [30] US (09/235,219) 1999-01-22 [30] US (09/489,604) 2000-01-20</p>	<p style="text-align: right;">[21] <b>2,329,002</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/60</b> [25] EN [54] <b>METHODS AND APPARATUS FOR GAUGING GROUP CHOICES</b> [54] <b>PROCEDES ET DISPOSITIF D'EVALUATION DE CHOIX COLLECTIFS</b> [72] FAGERSTROM, DANA, US [72] URKEN, ARNOLD B., US [71] CHOICE LOGIC CORPORATION, US [85] 2000-10-16 [86] 1999-04-16 (PCT/US99/08417) [87] 1999-10-21 (WO99/53390) [30] US (60/082,047) 1998-04-16</p>	<p style="text-align: right;">[21] <b>2,329,006</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01R 33/38</b> [25] EN [54] <b>MAGNETIC GRADIENT FIELD PROJECTION</b> [54] <b>PROJECTION DE CHAMP DE GRADIENT MAGNETIQUE</b> [72] MORRIS, PETER GORDON, GB [72] JAMEA, ABDULLAH HUSSEIN, SA [71] BTG INTERNATIONAL LIMITED, GB [85] 2000-10-16 [86] 1999-04-16 (PCT/GB99/01177) [87] 1999-10-28 (WO99/54747) [30] GB (9808219.1) 1998-04-17</p>
<p style="text-align: right;">[21] <b>2,329,000</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 35/76 6A61K 39/245 6A61K 47/36</b> [25] EN [54] <b>STABILISED VIRUS PREPARATION</b> [54] <b>PREPARATION A BASE DE VIRUS</b> [72] LOUDON, PETER THOMAS, GB [72] VARLEY, CLAIRE ALISON, GB [71] CANTAB PHARMACEUTICALS RESEARCH LIMITED, GB [85] 2000-10-16 [86] 1999-04-26 (PCT/GB99/01295) [87] 1999-11-04 (WO99/55348) [30] GB (9808922.0) 1998-04-24</p>	<p style="text-align: right;">[21] <b>2,329,003</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C04B 24/12 6C04B 28/14 6C04B 24/24 6C04B 24/28</b> [25] EN [54] <b>WATER-RESISTANT HYDRAULICALLY SETTING COMPOSITIONS</b> [54] <b>COMPOSITIONS A PRISE HYDRAULIQUE RESISTANT A L'EAU</b> [72] SCHILLING, GABY, DE [72] KLEIN, JOHANN, DE [72] FANDEL, THOMAS, DE [72] SATTLER, HANS-PETER, DE [72] KLAUCK, WOLFGANG, DE [71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE [85] 2000-10-16 [86] 1999-04-08 (PCT/EP99/03208) [87] 1999-10-28 (WO99/54263) [30] DE (198 17 112.9) 1998-04-17</p>	<p style="text-align: right;">[21] <b>2,329,007</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F17C 13/12 6F25J 1/00</b> [25] EN [54] <b>PROCESS PLANT</b> [54] <b>INSTALLATION DE TRAITEMENT</b> [72] OVER.ANG., SVERRE JOHANNESSEN, NO [72] SALATER, PER, NO [71] NORSK HYDRO ASA, NO [85] 2000-10-16 [86] 1999-04-16 (PCT/NO99/00123) [87] 1999-10-28 (WO99/54658) [30] NO (19981734) 1998-04-17</p>

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[13] A1  
[51] **Int.Cl. 6E21B 47/12 6E21B 33/13**  
[25] EN  
[54] **METHOD FOR INSTALLING A SENSOR IN CONNECTION WITH PLUGGING A WELL**  
[54] **PROCEDE D'INSTALLATION D'UN CAPTEUR EN CONNEXION AVEC LE COLMATAGE D'UN PUIT**  
[72] HANSEN, HENNING, NO  
[71] SUBSURFACE TECHNOLOGY AS, NO  
[85] 2000-10-16  
[86] 1999-05-03 (PCT/NO99/00144)  
[87] 1999-11-25 (WO99/60250)  
[30] NO (19982017) 1998-05-04

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[13] A1  
[51] **Int.Cl. 6A61K 38/18 6A61K 48/00 6A61K 9/127 6A61K 9/26**  
[25] EN  
[54] **THERAPEUTIC ANGIOGENIC FACTORS AND METHODS FOR THEIR USE**  
[54] **FACTEURS ANGIOGENIQUES THERAPEUTIQUES ET PROCEDES D'UTILISATION**  
[72] COLLEY, KENNETH J., US  
[71] ANGIOGENIX INCORPORATED, US  
[85] 2000-10-16  
[86] 1999-04-16 (PCT/US99/08420)  
[87] 1999-10-28 (WO99/53943)  
[30] US (60/082,155) 1998-04-17

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[21] **2,329,011**  
[13] A1  
[51] **Int.Cl. 6B41M 5/00**  
[25] EN  
[54] **RECEPTOR SHEET FOR INKJET PRINTING HAVING AN EMBOSSED SURFACE**  
[54] **FEUILLE A SURFACE BOSSELEE POUR IMPRESSION PAR JET D'ENCRE**  
[72] LEMIRE, VERNA J., US  
[72] FLEMING, PATRICK R., US  
[72] ENGLE, LORI P., US  
[72] YLITALO, CAROLINE M., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2000-10-16  
[86] 1999-04-13 (PCT/US99/08037)  
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[30] US (09/069,665) 1998-04-29

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[13] A1  
[51] **Int.Cl. 6G03F 7/038 6C09D 163/00 6C09D 171/02 6C08G 59/68**  
[25] EN  
[54] **HEAVY METAL-FREE COATING FORMULATIONS**  
[54] **FORMULATIONS D'ENROBAGES EXEMPTS DE METAUX LOURDS**  
[72] MISEV, LJUBOMIR, CH  
[72] CUNNINGHAM, ALLAN FRANCIS, US  
[72] BAUDIN, GISELE, CH  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[85] 2000-10-16  
[86] 1999-04-14 (PCT/EP99/02511)  
[87] 1999-11-04 (WO99/56177)  
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[13] A1  
[51] **Int.Cl. 6A61B 17/22**  
[25] EN  
[54] **EMBOLECTOMY CATHETERS AND METHODS FOR TREATING STROKE AND OTHER SMALL VESSEL THROMBOEMBOLIC DISORDERS**  
[54] **CATHETER D'EMBOLECTOMIE ET PROCEDES DE TRAITEMENT DES ACCIDENTS CEREBRO-VASCULAIRES ET AUTRES TROUBLES THROMBOEMBOLIQUES DES PETITS VAISSEAUX**  
[72] COX, BRIAN J., US  
[72] ROSENBLUTH, ROBERT F., US  
[72] GREENE, GEORGE R., JR., US  
[71] MICROVENTION, INC., US  
[85] 2000-10-16  
[86] 1999-04-30 (PCT/US99/09566)  
[87] 1999-11-11 (WO99/56801)  
[30] US (09/071,561) 1998-05-01

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[13] A1  
[51] **Int.Cl. 6A61K 49/00 6A61L 29/00 6A61M 25/00**  
[25] EN  
[54] **MR SIGNAL-EMITTING COATINGS**  
[54] **REVETEMENTS EMETTANT DES SIGNAUX DE RESONANCE MAGNETIQUE**  
[72] YU, HYUK, US  
[72] FRAYNE, RICHARD, US  
[72] UNAL, ORHAN, US  
[72] STROTHER, CHARLES M., US  
[72] YANG, ZHIHAO, US  
[72] WEHELIE, ABUKAR, US  
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US  
[85] 2000-10-16  
[86] 1999-05-26 (PCT/US99/11672)  
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[30] US (60/086,817) 1998-05-26  
[30] US (09/105,033) 1998-06-25

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[21] **2,329,015**  
[13] A1  
[51] **Int.Cl. 6H04J 3/26**  
[25] EN  
[54] **METHOD AND SYSTEM FOR IDENTIFYING PORTS AND FORWARDING PACKETS IN A MULTIPORT SWITCH**  
[54] **PROCEDE ET SYSTEME POUR L'IDENTIFICATION D'ACCES ET LA TRANSMISSION DE PAQUETS DANS UN COMMUTATEUR A ACCES MULTIPLES**  
[72] PFILE, ROBERT W., US  
[72] FEROLITO, PHILIP ARNOLD, US  
[71] CABLETRON SYSTEMS, INC., US  
[85] 2000-10-16  
[86] 1999-04-16 (PCT/US99/08372)  
[87] 1999-10-28 (WO99/55032)  
[30] US (09/062,377) 1998-04-17

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<p style="text-align: right;">[21] <b>2,329,016</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/68</b> [25] EN [54] <b>METHODS FOR SUBSTRATE-LIGAND INTERACTION SCREENING</b> [54] <b>PROCEDE DE CRIBLAGE DE L'INTERACTION SUBSTRAT-LIGANDS</b> [72] KAMB, CARL ALEXANDER, US [71] ARCARIS, INC., US [85] 2000-10-16 [86] 2000-02-17 (PCT/US00/04089) [87] 2000-08-24 (WO00/49417) [30] US (09/251,364) 1999-02-17 [30] US (09/350,419) 1999-07-08</p>	<p style="text-align: right;">[21] <b>2,329,020</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04J 3/02 6G08C 15/00 6H04Q 11/04 6H04J 3/14 6H04J 3/16 6H04J 3/22 6H04J 3/24</b> [25] EN [54] <b>A METHOD AND APPARATUS FOR CONTROLLING THE FLOW OF VARIABLE-LENGTH PACKETS THROUGH A MULTIPOINT SWITCH</b> [54] <b>PROCEDE ET DISPOSITIF PERMETTANT DE REGLER L'ECOULEMENT DE PAQUETS DE LONGUEUR VARIABLE A TRAVERS UN COMMUTATEUR A ACCES MULTIPLES</b> [72] BAUMAN, JAMES A., US [71] CABLETRON SYSTEMS, INC., US [85] 2000-10-16 [86] 1999-04-29 (PCT/US99/09360) [87] 1999-11-11 (WO99/57825) [30] US (09/072,148) 1998-05-04</p>	<p style="text-align: right;">[21] <b>2,329,026</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65B 39/00 6B65B 31/10</b> [25] EN [54] <b>METHOD, APPARATUS AND SYSTEM FOR FILLING CONTAINERS</b> [54] <b>PROCEDE, APPAREIL ET SYSTEME POUR REMPLIR DES RECIPIENTS</b> [72] BRENNAN, JOHN, GB [72] METCALF, STEPHEN, GB [72] MATTHEWS, ROGER, GB [71] ASTRAZENECA AB, SE [85] 2000-10-18 [86] 1999-04-21 (PCT/SE99/00651) [87] 1999-10-28 (WO99/54212) [30] SE (9801400-4) 1998-04-21</p>
<p style="text-align: right;">[21] <b>2,329,018</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47L 9/06</b> [25] EN [54] <b>BRUSH AND SPACER ASSEMBLY</b> [54] <b>ENSEMBLE BROSSE ET ENTRETOISE</b> [72] FISH, WILLIAM G., US [71] ORECK HOLDINGS, LLC, US [85] 2000-10-16 [86] 1999-04-09 (PCT/US99/07787) [87] 1999-10-21 (WO99/52411) [30] US (09/060,457) 1998-04-14</p>	<p style="text-align: right;">[21] <b>2,329,021</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02K 1/14</b> [25] EN [54] <b>INDUCTION MACHINE STATOR</b> [54] <b>STATOR DE MACHINE A INDUCTION</b> [72] MECROW, BARRIE, GB [72] JACK, ALAN G., GB [72] KROGEN, OYSTEIN, SE [71] HOGANÄS AB, SE [85] 2000-10-18 [86] 1999-04-19 (PCT/SE99/00614) [87] 1999-10-28 (WO99/54985) [30] SE (9801401-2) 1998-04-21</p>	<p style="text-align: right;">[21] <b>2,329,027</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21H 23/04 6D21H 21/10 6D21H 21/18 6D21H 17/24</b> [25] EN [54] <b>A PROCESS FOR THE PRODUCTION OF PAPER</b> [54] <b>PROCEDE DE PRODUCTION DE PAPIER</b> [72] PERSSON, MICHAEL, SE [72] HALLSTROM, HANS, SE [72] CARLEN, JOAKIM, SE [71] AKZO NOBEL N.V., NL [85] 2000-10-18 [86] 1999-04-26 (PCT/SE99/00679) [87] 1999-11-04 (WO99/55964) [30] EP (98850067.4) 1998-04-27 [30] US (60/083,253) 1998-04-27</p>
<p style="text-align: right;">[21] <b>2,329,019</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/28 6H04J 3/16 6H04J 3/22 6H04L 12/43 6H04L 12/56</b> [25] EN [54] <b>METHOD AND APPARATUS FOR FORWARDING PACKETS FROM A PLURALITY OF CONTENDING QUEUES TO AN OUTPUT</b> [54] <b>PROCEDE ET APPAREIL PERMETTANT D'ACHEMINER DES PAQUETS A PARTIR D'UNE PLURALITE DE FILES D'ATTENTE CONCURRENTES VERS UNE SORTIE</b> [72] AATRESH, DEEPAK J., US [71] CABLETRON SYSTEMS, INC., US [85] 2000-10-16 [86] 1999-05-13 (PCT/US99/10592) [87] 1999-12-09 (WO99/63712) [30] US (09/087,064) 1998-05-29</p>	<p style="text-align: right;">[21] <b>2,329,022</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47C 20/04 7A47C 27/08</b> [25] EN [54] <b>BED ASSEMBLY WITH AIR MATTRESS AND CONTROLLER</b> [54] <b>ENSEMBLE LIT COMPRENANT UN MATELAS A AIR ET UN DISPOSITIF DE COMMANDE</b> [72] REEDER, RYAN ANTHONY, US [72] LUFF, LAWRENCE E., US [72] WESTERFELD, STEVEN R., US [71] PATMARK COMPANY, INC., US [85] 2000-10-18 [86] 1999-04-06 (PCT/US99/07523) [87] 1999-10-28 (WO99/55001) [30] US (09/064,272) 1998-04-22</p>	<p style="text-align: right;">[21] <b>2,329,028</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21H 23/08 6D21H 21/10 6D21H 17/20</b> [25] EN [54] <b>A PROCESS FOR THE PRODUCTION OF PAPER</b> [54] <b>PROCEDE DE PRODUCTION DE PAPIER</b> [72] KLEMETS, BORE, SE [72] HALLSTROM, HANS, SE [72] ASPLUND, ANNA, SE [72] SIKKAR, REIN, SE [71] AKZO NOBEL N.V., NL [85] 2000-10-18 [86] 1999-04-26 (PCT/SE99/00677) [87] 1999-11-04 (WO99/55965) [30] EP (98850067.4) 1998-04-27 [30] US (60/083,253) 1998-04-27</p>



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[21] **2,329,029**  
[13] A1

[51] **Int.Cl. 6C23C 22/73 6C23C 22/10**  
[25] EN  
[54] **SURFACE-TREATED STEEL SHEET AND MANUFACTURING METHOD THEREOF**  
[54] **ACIER TRAITE EN SURFACE ET PROCEDE DE FABRICATION CORRESPONDANT**  
[72] ISHIZUKA, KIYOKAZU, JP  
[72] SHINDO, HIDETOSHI, JP  
[72] HAYASHI, KIMITAKA, JP  
[72] ITO, DAISUKE, JP  
[71] NIPPON STEEL CORPORATION, JP  
[85] 2000-10-18  
[86] 1999-04-16 (PCT/JP99/02027)  
[87] 1999-10-28 (WO99/54523)  
[30] JP (10/113365) 1998-04-23  
[30] JP (11/55156) 1999-03-03

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[21] **2,329,033**  
[13] A1

[51] **Int.Cl. 7A61F 2/01**  
[25] EN  
[54] **INTRAVASCULAR FILTER AND METHOD**  
[54] **FILTRE INTRAVASCULAIRE ET PROCEDE**  
[72] DANIEL, JOHN, US  
[72] ARNOLD, JOHN E., JR., US  
[72] BROOME, THOMAS E., US  
[72] CASSELL, ROBERT, US  
[72] LOWE, BRIAN J., US  
[72] SLAKER, BRADLEY F., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2000-10-18  
[86] 2000-02-24 (PCT/US00/04975)  
[87] 2000-08-31 (WO00/49970)  
[30] US (09/256,865) 1999-02-24

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[21] **2,329,035**  
[13] A1

[51] **Int.Cl. 6B65D 17/50 6B65D 17/34**  
[25] EN  
[54] **TOP LID FOR BEVERAGE CANS WITH OPENER INTEGRATED SANITARY COVER**  
[54] **COUVERCLE SUPERIEUR DE BOITES-BOISSONS DOTE D'UN DISPOSITIF COUVRANT ASEPTIQUE INTEGRE**  
[72] CHO, SUNG HO, KR  
[71] BONGJEONG CANTECH CO., LTD., KR  
[85] 2000-10-18  
[86] 1999-04-28 (PCT/KR99/00201)  
[87] 1999-11-04 (WO99/55591)  
[30] KR (1998/15387) 1998-04-29  
[30] KR (1999/12571) 1999-04-09

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[21] **2,329,031**  
[13] A1

[51] **Int.Cl. 7G01N 15/00**  
[25] EN  
[54] **HIGH NUMERICAL APERTURE FLOW CYTOMETER AND METHOD OF USING SAME**  
[54] **CYTOMETRE EN FLUX A OUVERTURE NUMERIQUE ELEVEE ET PROCEDE DE SON UTILISATION**  
[72] HANSEN, W. PETER, US  
[72] FERRANTE, ANTHONY A., US  
[71] IDEXX LABORATORIES, INC., US  
[85] 2000-10-18  
[86] 2000-02-18 (PCT/US00/04069)  
[87] 2000-08-24 (WO00/49387)  
[30] US (60/120,804) 1999-02-19

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[13] A1

[51] **Int.Cl. 6H04L 29/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SESSION MANAGEMENT AND USER AUTHENTICATION**  
[54] **PROCEDE ET APPAREIL DE GESTION DE SESSION ET D'AUTHENTIFICATION DE L'UTILISATEUR**  
[72] BUTCHER, LAWRENCE L., US  
[72] WALL, GERARD A., US  
[72] RUBERG, ALAN T., US  
[72] NORTH CUTT, J. DUANE, US  
[72] HANKO, JAMES G., US  
[71] SUN MICROSYSTEMS, INC., US  
[85] 2000-10-18  
[86] 1999-04-20 (PCT/US99/08665)  
[87] 1999-10-28 (WO99/54803)  
[30] US (09/063,339) 1998-04-20

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[21] **2,329,036**  
[13] A1

[51] **Int.Cl. 6A01G 23/08**  
[25] EN  
[54] **METHOD FOR CUTTING TREES IN THE VICINITY OF A POWER LINE AND A TOPPING SAW**  
[54] **PROCEDE D'ABATTAGE D'ARBRES A PROXIMITE D'UNE LIGNE DE TRANSPORT D'ENERGIE ET SCIE D'ECIMAGE**  
[72] OKSANEN, HANNU, FI  
[72] AHVENLAMPI, JORMA, FI  
[71] LANSITEC OY, FI  
[85] 2000-10-18  
[86] 1998-06-01 (PCT/FI98/00466)  
[87] 1999-10-28 (WO99/53748)  
[30] FI (980880) 1998-04-21

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[13] A1

[51] **Int.Cl. 6H04K 1/00 6H04L 9/00**  
[25] EN  
[54] **A CRYPTOGRAPHIC SYSTEM AND METHOD FOR ELECTRONIC TRANSACTIONS**  
[54] **SYSTEME ET PROCEDE CRYPTOGRAPHIQUES POUR TRANSACTIONS ELECTRONIQUES**  
[72] CHEN, JAY C., US  
[71] CHEN, JAY C., US  
[85] 2000-10-18  
[86] 1999-05-05 (PCT/US99/09938)  
[87] 1999-11-11 (WO99/57835)  
[30] US (60/084,257) 1998-05-05

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[21] **2,329,037**  
[13] A1

[51] **Int.Cl. 6G06T 15/00**  
[25] EN  
[54] **MULTI-PLANAR VOLUMETRIC DISPLAY SYSTEM AND METHOD OF OPERATION USING THREE-DIMENSIONAL ANTI-ALIASING**  
[54] **SYSTEME DE PRESENTATION D'IMAGES VOLUMETRIQUES SUR PLUSIEURS PLANS ET SON MODE DE FONCTIONNEMENT A ANTI-CRENELAGE TRIDIMENSIONNEL**  
[72] SULLIVAN, ALAN, US  
[71] DIMENSIONAL MEDIA ASSOCIATES, INC., US  
[85] 2000-10-18  
[86] 1999-04-20 (PCT/US99/08618)  
[87] 1999-10-28 (WO99/54849)  
[30] US (60/082,442) 1998-04-20  
[30] US (09/196,553) 1998-11-20  
[30] US (09/291,315) 1999-04-14

[21] **2,329,040**  
[13] A1

[51] **Int.Cl. 6C07C 29/149 6C07C 31/20**  
[25] EN  
[54] **METHOD FOR PRODUCING HEXANEDIOL**  
[54] **PROCEDE DE PRODUCTION D'HEXANEDIOL**  
[72] PINKOS, ROLF, DE  
[72] STEIN, FRANK, DE  
[72] BREITSCHIEDL, BORIS, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-10-18  
[86] 1999-04-12 (PCT/EP99/02448)  
[87] 1999-11-04 (WO99/55653)  
[30] DE (198 18 096.9) 1998-04-23

[21] **2,329,041**  
[13] A1

[51] **Int.Cl. 6B29C 49/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR INJECTION BLOW MOLDING AN AUTOMOTIVE COMPONENT**  
[54] **PROCEDE ET DISPOSITIF DE MOULAGE PAR INJECTION-SOUFFLAGE D'UN COMPOSANT AUTOMOBILE**  
[72] PORTER, MARSHALL RAY, US  
[71] CONIX CORPORATION, US  
[85] 2000-10-18  
[86] 1999-04-21 (PCT/US99/08688)  
[87] 1999-10-28 (WO99/54113)  
[30] US (60/082,617) 1998-04-22

[21] **2,329,042**  
[13] A1

[51] **Int.Cl. 6F21V 23/04 6H05B 37/04**  
[25] EN  
[54] **SWITCH COVER PLATE PROVIDING AUTOMATIC EMERGENCY LIGHTING**  
[54] **PLAQUE DE RECOUVREMENT COMMUTABLE FOURNISSANT UN ECLAIRAGE DE SECOURS AUTOMATIQUE**  
[72] MORELAND, GREGORY B., US  
[71] MORELAND, GREGORY B., US  
[85] 2000-10-18  
[86] 1999-02-26 (PCT/US99/04363)  
[87] 2000-08-31 (WO00/50810)

[21] **2,329,043**  
[13] A1

[51] **Int.Cl. 6C08J 9/38 6A61L 15/28**  
[25] EN  
[54] **POROUS STRUCTURE COMPRISING FUNGI CELL WALLS**  
[54] **STRUCTURE POREUSE COMPORTANT DES PAROIS DE CELLULES A BASE D'EUMYCETES**  
[72] EDEBO, LARS, SE  
[71] LIZYX AB, SE  
[85] 2000-10-18  
[86] 1999-04-16 (PCT/SE99/00604)  
[87] 1999-11-11 (WO99/57183)  
[30] SE (9801373-3) 1998-04-20

[21] **2,329,051**  
[13] A1

[51] **Int.Cl. 6B64C 27/06 6B64C 29/02**  
[25] EN  
[54] **UNMANNED ROTOR CARRIED AERIAL VEHICLE**  
[54] **VEHICULE AERIEN SUPPORTE PAR ROTOR ET TELEPILOTE**  
[72] HJELTE, FRITZ, SE  
[71] AVIA ADVISER HB, SE  
[85] 2000-06-27  
[86] 1999-01-25 (PCT/SE99/00099)  
[87] 1999-08-05 (WO99/38769)  
[30] SE (9800231-4) 1998-01-28

[21] **2,329,056**  
[13] A1

[51] **Int.Cl. 6C12N 15/29 6A01H 5/00 6C12N 5/10 6C12N 1/21 6C07K 14/415 6C12N 15/62 6C12Q 1/68 6C12N 15/82**  
[25] EN  
[54] **CELL CYCLE GENES, PROTEINS AND USES THEREOF**  
[54] **GENES ET PROTEINES DE CYCLE CELLULAIRE ET LEURS UTILISATIONS**  
[72] MCELVER, JOHN A., US  
[72] BOWEN, BENJAMIN A., US  
[72] DILKES, BRIAN R., US  
[72] GORDON-KAMM, WILLIAM J., US  
[72] HOERSTER, GEORGE J., US  
[72] LOWE, KEITH S., US  
[72] ABBITT, SHANE, US  
[72] WANG, XUN, US  
[72] GREGORY, CAROLYN A., US  
[72] LARKINS, BRIAN A., US  
[72] BAILEY, MATTHEW A., US  
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[85] 2000-11-16  
[86] 1999-05-20 (PCT/US99/11411)  
[87] 1999-12-02 (WO99/61619)  
[30] US (60/086,381) 1998-05-22

[21] **2,329,057**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **DEMONSTRATING RESISTANCE TO ANTIBIOTICS IN MICROORGANISMS**  
[54] **MISE EN EVIDENCE DE RESISTANCES A DES ANTIBIOTIQUES DANS DES MICRO-ORGANISMES**  
[72] TREBESIUS, KARLHEINZ, DE  
[72] HAAS, RAINER, DE  
[72] APFEL, HEIKO, DE  
[71] CREATOGEN GMBH, DE  
[85] 2000-11-20  
[86] 1999-05-21 (PCT/EP99/03527)  
[87] 1999-12-02 (WO99/61660)  
[30] DE (198 23 098.2) 1998-05-22  
[30] DE (199 16 610.2) 1999-04-13

## PCT Applications Entering the National Phase

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[21] **2,329,062**  
[13] A1

[51] **Int.Cl. 6E04B 1/10**  
[25] EN  
[54] **STRUCTURAL PANEL AND CONNECTOR SYSTEM**  
[54] **PANNEAU STRUCTUREL ET SYSTEME DE RACCORDS**  
[72] SWEENEY, ROBERT J., CA  
[72] CALEY, DIANE E., CA  
[71] C.A.T. CONTRACT SERVICES LTD., CA  
[85] 2000-10-19  
[86] 1999-04-21 (PCT/CA99/00373)  
[87] 1999-11-04 (WO99/55973)  
[30] CA (2,235,863) 1998-04-24

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[21] **2,329,063**  
[13] A1

[51] **Int.Cl. 6G06K 19/02 6G06K 19/077**  
[25] EN  
[54] **SUBSTRATE WHICH IS MADE FROM PAPER AND IS PROVIDED WITH AN INTEGRATED CIRCUIT**  
[54] **SUBSTRAT EN PAPIER AVEC UN CIRCUIT INTEGRE**  
[72] DE HESSE, WILHELM BERNARDUS, NL  
[72] KRUL, JOHANNES, NL  
[72] MATTERS, MARCO, NL  
[72] DE LEEUW, DAGOBERT MICHEL, NL  
[72] HART, CORNELIS MARIA, NL  
[71] VHP VEILIGHEIDSPAPIERFABRIEK UGCHELEN B.V., NL  
[85] 2000-10-19  
[86] 1999-04-15 (PCT/NL99/00220)  
[87] 1999-10-28 (WO99/54842)  
[30] NL (1008929) 1998-04-20

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[21] **2,329,064**  
[13] A1

[51] **Int.Cl. 6H01M 8/10**  
[25] EN  
[54] **FUEL CELL**  
[54] **CELLULE A COMBUSTIBLE**  
[72] SEVERICH, BIRGIT, DE  
[72] BARTH, THOMAS, DE  
[72] KASPER, KLAUS, DE  
[71] FREUDENBERG, CARL, DE  
[85] 2000-10-19  
[86] 1999-03-31 (PCT/EP99/02202)  
[87] 1999-11-25 (WO99/60649)  
[30] DE (198 21 985.7) 1998-05-18

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[21] **2,329,065**  
[13] A1

[51] **Int.Cl. 6C07D 231/38 6C07D 401/10 6C07D 401/12 6C07D 403/12 6A61K 31/415 6A61K 31/44**  
[25] EN  
[54] **PYRAZOLE DERIVATIVES AS P-38 MAP KINASE INHIBITORS**  
[54] **DERIVES DE PYRAZOLE TENANT LIEU D'INHIBITEURS DE P.38 MAP KINASE**  
[72] TALAMAS, FRANCISCO XAVIER, US  
[72] LABADIE, SHARADA SHENVI, US  
[72] SJOGREN, ERIC BRIAN, US  
[72] ROTSTEIN, DAVID MARK, US  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2000-10-19  
[86] 1999-04-28 (PCT/EP99/02879)  
[87] 1999-11-11 (WO99/57101)  
[30] US (60/084,250) 1998-05-05  
[30] US (60/122,410) 1999-03-02

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[21] **2,329,066**  
[13] A1

[51] **Int.Cl. 7G11B 7/007 7G11B 7/013**  
[25] EN  
[54] **OPTICAL RECORDING MEDIUM AND ENTERTAINMENT SYSTEM THAT EMPLOYS IT**  
[54] **SUPPORT D'ENREGISTREMENT OPTIQUE ET SYSTEME DE DIVERTISSEMENT DANS LEQUEL LEDIT SUPPORT EST UTILISE**  
[72] KUTARAGI, KEN, JP  
[72] MIURA, KAZUO, JP  
[71] SONY COMPUTER ENTERTAINMENT INC., JP  
[85] 2000-10-19  
[86] 2000-02-17 (PCT/JP00/00889)  
[87] 2000-08-24 (WO00/49609)  
[30] JP (11/42407) 1999-02-19

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[21] **2,329,067**  
[13] A1

[51] **Int.Cl. 6C07H 21/00 6C07H 21/02 6C07H 21/04 6C12Q 1/68**  
[25] EN  
[54] **ENDOTOXIN REDUCTION IN NUCLEIC ACID PURIFICATION**  
[54] **REDUCTION D'ENDOTOXINES DANS LA PURIFICATION D'ACIDES NUCLEIQUES**  
[72] BUTLER, BRAEDEN L., US  
[72] WHITE, DOUGLAS H., US  
[72] LESLEY, SCOTT A., US  
[72] BITNER, REX M., US  
[72] CRESWELL, DONALD A., US  
[72] SMITH, CRAIG E., US  
[71] PROMEGA CORPORATION, US  
[85] 2000-10-18  
[86] 1999-04-22 (PCT/US99/08491)  
[87] 1999-10-28 (WO99/54340)  
[30] US (09/064,449) 1998-04-22

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[21] **2,329,068**  
[13] A1

[51] **Int.Cl. 6B29C 45/67 6B29C 45/40**  
[25] EN  
[54] **MOULD CLOSING UNIT FOR INJECTION MOULDING MACHINE**  
[54] **UNITE DE SERRAGE DE MOULE POUR MACHINE DE MOULAGE PAR INJECTION**  
[72] HEHL, KARL, DE  
[71] HEHL, KARL, DE  
[85] 2000-10-19  
[86] 1999-05-03 (PCT/EP99/02985)  
[87] 1999-11-18 (WO99/58312)  
[30] DE (198 20 934.7) 1998-05-09

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[21] **2,329,069**  
[13] A1

[51] **Int.Cl. 6H04N 5/445**  
[25] EN  
[54] **PROGRAM GUIDE SYSTEM WITH ADVERTISEMENTS**  
[54] **SYSTEME DE TELETEXTE INTEGRANT DES ANNONCES PUBLICITAIRES**  
[72] WILLIAMSON, STEVEN C., US  
[72] HERRINGTON, W. BENJAMIN, US  
[72] ALLISON, DONALD W., US  
[72] ELLIS, MICHAEL D., US  
[72] MARSHALL, CONNIE T., US  
[72] LEMMONS, THOMAS R., US  
[72] HASSELL, JOEL G., US  
[72] KNUDSON, EDWARD B., US  
[72] KNEE, ROBERT A., US  
[72] REYNOLDS, STEVEN J., US  
[72] CARPENTER, KENNETH F., JR., US  
[72] THOMAS, WILLIAM L., US  
[71] UNITED VIDEO PROPERTIES, INC., US  
[85] 2000-10-18  
[86] 1999-04-22 (PCT/US99/08840)  
[87] 1999-11-04 (WO99/56466)  
[30] US (09/070,604) 1998-04-30

[21] **2,329,070**  
[13] A1

[51] **Int.Cl. 6C08G 18/63 6C08G 18/40**  
[25] EN  
[54] **POLYOL BLEND FOR THE PREPARATION OF OPEN CELL RIGID POLYURETHANE FOAMS**  
[54] **MELANGE DE POLYOLS POUR LA PREPARATION DE MOUSSES DE POLYURETHANE RIGIDE A CELLULES OUVERTES**  
[72] GALINA, CLAUDIO, BE  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2000-10-19  
[86] 1999-05-18 (PCT/EP99/03453)  
[87] 1999-11-25 (WO99/60045)  
[30] EP (98201681.8) 1998-05-20

[21] **2,329,071**  
[13] A1

[51] **Int.Cl. 7B02C 15/16**  
[25] EN  
[54] **GRANULAR MATERIAL PROCESSING APPARATUS**  
[54] **DISPOSITIF DE TRAITEMENT DE MATIERE GRANULAIRE**  
[72] HAMADA, KENJI, JP  
[72] YAMAMOTO, SHINICHI, JP  
[72] WAKAMATSU, YOSHIHIRO, JP  
[71] NARA MACHINERY CO., LTD., JP  
[85] 2000-10-19  
[86] 2000-02-18 (PCT/JP00/00919)  
[87] 2000-08-31 (WO00/50174)  
[30] JP (11/43238) 1999-02-22

[21] **2,329,073**  
[13] A1

[51] **Int.Cl. 7H02K 5/22 7H02K 11/00 7H02K 5/10 7H02K 1/14 7H02K 7/14 7H02K 5/167 7H02K 1/18 7H02K 3/50**  
[25] EN  
[54] **PROGRAMMABLE ELECTRIC MOTOR AND METHOD OF ASSEMBLY**  
[54] **MOTEUR ELECTRIQUE PROGRAMMABLE ET SON PROCEDE D'ASSEMBLAGE**  
[72] THOMPSON, GREGORY ALAN, US  
[72] GRIMM, JAMES EVERETT, US  
[72] HOLLENBECK, ROBERT KEITH, US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2000-10-19  
[86] 2000-03-27 (PCT/US00/08040)  
[87] 2000-09-28 (WO00/57533)  
[30] US (09/275,989) 1999-03-25

[21] **2,329,075**  
[13] A1

[51] **Int.Cl. 6C07D 211/64 6C07D 401/06 6C07D 409/06 6C07D 413/06 6C07D 401/12 6C07D 401/14 6A61K 31/445**  
[25] EN  
[54] **CARBOXY SUBSTITUTED CARBOXAMIDE DERIVATIVES AS TACHYKININ RECEPTOR ANTAGONISTS**  
[54] **DERIVES CARBOXAMIDES A SUBSTITUTION CARBOXY UTILISES COMME ANTAGONISTES DU RECEPTEUR DE LA TACHYKININE**  
[72] MAYNARD, GEORGE L., US  
[72] KUDLACZ, ELIZABETH M., US  
[72] BURKHOLDER, TIMOTHY P., US  
[71] AVENTIS PHARMACEUTICALS INC., US  
[85] 2000-10-19  
[86] 1999-04-30 (PCT/US99/09450)  
[87] 1999-11-25 (WO99/59972)  
[30] US (09/079,610) 1998-05-15

[21] **2,329,077**  
[13] A1

[51] **Int.Cl. 6C07D 487/04 6C07D 401/12 6A61K 31/505**  
[25] EN  
[54] **PYRAZOLOPYRIMIDINONE CGMP PDE5 INHIBITORS FOR THE TREATMENT OF SEXUAL DYSFUNCTION**  
[54] **INHIBITEURS DE CGMP PDE5 DE PYRAZOLOPYRIMIDINONESERVANT A TRAITER LE DYSFONCTIONNEMENT SEXUEL**  
[72] MATHIAS, JOHN PAUL, GB  
[72] STREET, STEPHEN DEREK ALBERT, GB  
[72] WOOD, ANTHONY, GB  
[72] BUNNAGE, MARK EDWARD, GB  
[71] PFIZER INC., US  
[85] 2000-10-19  
[86] 1999-03-25 (PCT/IB99/00519)  
[87] 1999-10-28 (WO99/54333)  
[30] GB (9808315.7) 1998-04-20  
[30] GB (9814187.2) 1998-06-30

## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,329,078</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 25/30 6A01N 57/20</b> [25] EN [54] <b>CONCENTRATE COMPOSITION OF PLANT TREATMENT COMPOUND IN ACID FORM</b> [54] <b>COMPOSITION CONCENTREE DE COMPOSE DE TRAITEMENT POUR PLANTES SOUS FORME D'ACIDE</b> [72] GILLESPIE, JANE L., US [71] MONSANTO COMPANY, US [85] 2000-10-19 [86] 1999-04-23 (PCT/US99/08918) [87] 1999-11-04 (WO99/55155) [30] US (60/082,957) 1998-04-24</p>	<p style="text-align: center;">[21] <b>2,329,083</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E04B 1/24</b> [25] EN [54] <b>A METHOD FOR BUILDING CONSTRUCTION</b> [54] <b>PROCEDE DE CONSTRUCTION D'UN BATIMENT</b> [72] MICHALSKI, JACEK, PL [72] MICHALSKI, PIOTR, PL [71] AGENCZA PODGORZE S.C., PL [85] 2000-10-19 [86] 1999-03-23 (PCT/PL99/00010) [87] 1999-11-04 (WO99/55974) [30] PL (P-326089) 1998-04-28</p>	<p style="text-align: center;">[21] <b>2,329,087</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B27K 5/02 6B27M 1/02 6B27K 5/06</b> [25] EN [54] <b>A THROUGH-COLOURED WOODEN ELEMENT AND A METHOD OF PRODUCING THROUGH-COLOURED WOODEN ELEMENTS</b> [54] <b>ELEMENT EN BOIS TEINTE DANS LA MASSE, ET PROCEDE DE FABRICATION D'ELEMENTS EN BOIS TEINTES DANS LA MASSE</b> [72] LINDHE, CURT, SE [72] CASTWALL, LENNART, SE [71] LINDHE, CURT, SE [71] CASTWALL, LENNART, SE [85] 2000-10-19 [86] 1999-04-20 (PCT/SE99/00631) [87] 1999-10-28 (WO99/54103) [30] SE (9801366-7) 1998-04-20</p>
<p style="text-align: center;">[21] <b>2,329,079</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04R 25/00</b> [25] EN [54] <b>MULTIMATERIAL HEARING AID HOUSING</b> [54] <b>BOITIER POUR APPAREIL AUDITIF EN MULTIPLES MATERIAUX</b> [72] YOEST, ROBERT W., US [71] BELTONE ELECTRONICS CORPORATION, US [85] 2000-10-19 [86] 1999-04-27 (PCT/US99/09144) [87] 1999-11-04 (WO99/56501) [30] US (09/070,124) 1998-04-30</p>	<p style="text-align: center;">[21] <b>2,329,085</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01J 65/04 6H01J 61/30</b> [25] EN [54] <b>FLAT REFLECTOR LAMP FOR DIELECTRICALLY INHIBITED DISCHARGES WITH SPACERS</b> [54] <b>TUBE FLUORESCENT PLAT POUR DECHARGES INHIBEES DIELECTRIQUEMENT COMPORTANT DES ELEMENTS D'ECARTEMENT</b> [72] VOLLKOMMER, FRANK, DE [72] HITZSCHKE, LOTHAR, DE [71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE [85] 2000-10-19 [86] 1999-04-09 (PCT/DE99/01092) [87] 1999-10-28 (WO99/54916) [30] DE (198 17 480.2) 1998-04-20</p>	<p style="text-align: center;">[21] <b>2,329,089</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01S 3/085 6G02B 6/42</b> [25] EN [54] <b>FIBER GRATING FEEDBACK STABILIZATION OF BROAD AREA LASER DIODE</b> [54] <b>STABILISATION A RETROACTION D'UNE DIODE LASER A GRANDE SURFACE PAR UN RESEAU DE FIBRES</b> [72] ANTHON, DOUGLAS W., US [71] SCIENTIFIC-ATLANTA, INC., US [85] 2000-10-19 [86] 1999-04-13 (PCT/US99/08036) [87] 1999-10-28 (WO99/54972) [30] US (09/063,837) 1998-04-21</p>
<p style="text-align: center;">[21] <b>2,329,082</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16B 5/10 6H02K 15/09</b> [25] EN [54] <b>QUICK-CHANGE WINDING FORM ASSEMBLY</b> [54] <b>ENSEMBLE DE FORME D'ENROULEMENT A MODIFICATION RAPIDE</b> [72] REIFF, DUANE W., US [71] GLOBE PRODUCTS, INC., US [85] 2000-10-19 [86] 1999-04-19 (PCT/US99/08560) [87] 1999-10-28 (WO99/54634) [30] US (60/082,390) 1998-04-20</p>	<p style="text-align: center;">[21] <b>2,329,086</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01J 61/30 6H01J 65/04 6H01J 9/24</b> [25] EN [54] <b>FLAT DISCHARGE LAMP AND METHOD FOR THE PRODUCTION THEREOF</b> [54] <b>LAMPE A DECHARGE PLATE ET SON PROCEDE DE PRODUCTION</b> [72] EBERHARDT, ANGELA, DE [72] SEIBOLD, MICHAEL, DE [72] ILMER, MICHAEL, DE [71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE [85] 2000-10-19 [86] 1999-04-09 (PCT/DE99/01089) [87] 1999-10-28 (WO99/54913) [30] DE (198 17 478.0) 1998-04-20</p>	<p style="text-align: center;">[21] <b>2,329,092</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D04H 3/16 7D04H 3/02</b> [25] EN [54] <b>CUSHION MEMBER, METHOD AND APPARATUS FOR MANUFACTURING THE SAME</b> [54] <b>ELEMENT DE COUSSIN; PROCEDE ET DISPOSITIF DE FABRICATION</b> [72] MINEGISHI, TAKESHI, JP [72] EBIHARA, TAKASHI, JP [71] NHK SPRING CO., LTD., JP [85] 2000-10-19 [86] 2000-02-23 (PCT/JP00/01038) [87] 2000-08-31 (WO00/50681) [30] JP (11/48010) 1999-02-25</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,329,110</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B23C 5/10</b> [25] EN [54] <b>HELICAL MILL HAVING MULTIPLE FLUTES WITH DIFFERING RAKE ANGLES</b> [54] <b>FORET HELICOIDAL COMPRENANT PLUSIEURS GOIJURES A ANGLES DE COUPE DIFFERENTS</b> [72] DEROCHE, KENNETH G., US [72] FRANCIS, MARK A., US [71] KENNAMETAL INC., US [85] 2000-10-19 [86] 1999-04-05 (PCT/US99/07458) [87] 1999-10-28 (WO99/54078) [30] US (09/062,843) 1998-04-20</p>	<p style="text-align: right;">[21] <b>2,329,119</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H03M 1/38</b> [25] EN [54] <b>ANALOG-TO-DIGITAL CONVERTER WITH SUCCESSIVE APPROXIMATION</b> [54] <b>CONVERTISSEUR ANALOGIQUE/ NUMERIQUE A APPROXIMATIONS SUCCESSIVES</b> [72] EDMAN, ANDERS, SE [72] EKLUND, JAN-ERIK, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-10-19 [86] 1999-04-20 (PCT/SE99/00635) [87] 1999-10-28 (WO99/55005) [30] SE (9801367-5) 1998-04-20</p>	<p style="text-align: right;">[21] <b>2,329,127</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H02H 1/00 7H02H 3/00 7G01R 31/08</b> [25] EN [54] <b>MIMIC HIGH PASS FILTER IN A PROTECTIVE RELAY</b> [54] <b>FILTRE PASSE-HAUT SIMULE DANS UN RELAIS DE PROTECTION</b> [72] CHENG, LOUIS CHI HOI, CA [71] GENERAL ELECTRIC COMPANY, US [85] 2000-10-19 [86] 2000-03-17 (PCT/US00/06415) [87] 2000-09-21 (WO00/55952) [30] US (09/268,712) 1999-03-17</p>
<p style="text-align: right;">[21] <b>2,329,115</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/064 6A61B 17/068 6A61F 2/24</b> [25] EN [54] <b>DRIVER TOOL FOR HEART VALVE PROSTHESIS FASTENERS</b> [54] <b>OUTIL D'ENTRAINEMENT POUR FIXATIONS PROTHETIQUES DE VALVULE CARDIAQUE</b> [72] ANDERSON, KIMBERLY A., US [72] BUCHANAN, ERIC S., US [71] ST. JUDE MEDICAL, INC., US [85] 2000-10-19 [86] 1999-04-19 (PCT/US99/08817) [87] 1999-10-28 (WO99/53845) [30] US (09/062,822) 1998-04-20 [30] US (09/203,169) 1998-12-01</p>	<p style="text-align: right;">[21] <b>2,329,123</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47F 1/02 6A47F 1/03 6E05B 65/46</b> [25] EN [54] <b>APPARATUS FOR DISPENSING OF BULK PRODUCT</b> [54] <b>DISTRIBUTEUR EN VRAC DE PRODUITS</b> [72] SKLOVSKY, STUART, US [72] ELLIS, JEFFREY M., US [72] DIMARCHI, SILVIO J., US [72] WUENSCH, JACK, US [71] MARS, INC., US [85] 2000-10-19 [86] 1999-04-20 (PCT/US99/08602) [87] 1999-10-28 (WO99/53808) [30] US (09/062,506) 1998-04-20</p>	<p style="text-align: right;">[21] <b>2,329,128</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/20 6A61K 9/00 6A61K 9/70</b> [25] EN [54] <b>PHARMACEUTICAL CARRIER DEVICE SUITABLE FOR DELIVERY OF PHARMACEUTICAL COMPOUNDS TO MUCOSAL SURFACES</b> [54] <b>DISPOSITIF DE LIVRAISON PHARMACEUTIQUE CONCU POUR LA LIVRAISON DE COMPOSES PHARMACEUTIQUES AUX SURFACES MUQUEUSES</b> [72] OSBORNE, DAVID W., US [72] TAPOLSKY, GILLES H., US [71] VIROTEX CORPORATION, US [85] 2000-10-19 [86] 1999-04-29 (PCT/US99/09378) [87] 1999-11-04 (WO99/55312) [30] US (09/069,703) 1998-04-29</p>
<p style="text-align: right;">[21] <b>2,329,118</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01L 21/00 6G11B 7/26 6C23C 14/50</b> [25] EN [54] <b>DEVICE FOR FIXING SUBSTRATES</b> [54] <b>DISPOSITIF POUR FIXER DES SUBSTRATS</b> [72] WEBER, KLAUS, DE [72] SPEER, ULRICH, DE [72] DENZLER, LUDWIG, DE [71] STEAG HAMATECH AG, DE [85] 2000-10-19 [86] 1999-04-14 (PCT/EP99/02500) [87] 1999-11-04 (WO99/56306) [30] DE (198 18 478.6) 1998-04-24</p>	<p style="text-align: right;">[21] <b>2,329,126</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 15/00</b> [25] EN [54] <b>IMPROVED DRUG DELIVERY DEVICE AND METHODS THEREFOR</b> [54] <b>DISPOSITIF D'APPORT MEDICAMENTEUX AMELIORE ET SES PROCEDES D'UTILISATION</b> [72] WATT, PAUL M., AU [71] INFAMED LTD., AU [85] 2000-10-19 [86] 1999-04-20 (PCT/AU99/00290) [87] 1999-10-28 (WO99/53982) [30] AU (PP 3054) 1998-04-20 [30] AU (PP 4001) 1998-06-10 [30] AU (PP 6601) 1998-10-20</p>	<p style="text-align: right;">[21] <b>2,329,165</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B21D 39/03</b> [25] EN [54] <b>METHOD FOR PRODUCING AN EYELET</b> [54] <b>PROCEDE POUR REALISER UN PASSAGE SOYE</b> [72] PLANK, OTTO, AT [71] JOSEF WELSER OHG PROFILIER-UND STANZWERK, AT [85] 2000-09-06 [86] 1999-01-15 (PCT/EP99/00217) [87] 1999-09-16 (WO99/46069) [30] DE (198 10 367.0) 1998-03-10</p>

## PCT Applications Entering the National Phase

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[21] **2,329,167**  
[13] A1  
[51] **Int.Cl. 6A61K 41/00 6A61B 10/00 6A61M 37/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ENHANCING FLUX RATES OF A FLUID IN A MICROPORATED BIOLOGICAL TISSUE**  
[54] **TECHNIQUE ET APPAREIL PERMETTANT D'ACCROITRE LES DEBITS D'UN FLUIDE DANS UN TISSU BIOLOGIQUE RENDU MICROPOREUX**  
[72] EPPSTEIN, JONATHAN A., US  
[71] ALTEA TECHNOLOGIES, INC., US  
[85] 2000-09-05  
[86] 1999-03-05 (PCT/US99/04798)  
[87] 1999-09-10 (WO99/44637)  
[30] US (09/036,053) 1998-03-06

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[21] **2,329,169**  
[13] A1  
[51] **Int.Cl. 6A61N 1/32 6A61N 1/30**  
[25] EN  
[54] **APPARATUS FOR ELECTROPORATION THROUGH MICROPORATED TISSUE**  
[54] **APPAREIL D'ELECTROPORATION A TRAVERS UN TISSU MICROPORE**  
[72] EPPSTEIN, JONATHAN A., US  
[72] HATCH, MICHAEL R., US  
[71] ALTEA TECHNOLOGIES, INC., US  
[85] 2000-09-05  
[86] 1999-03-05 (PCT/US99/04984)  
[87] 1999-09-10 (WO99/44678)  
[30] US (09/036,169) 1998-03-06

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[21] **2,329,170**  
[13] A1  
[51] **Int.Cl. 6B43L 7/10**  
[25] EN  
[54] **LAYOUT TOOL FOR LAYING OUT PERPENDICULAR LINES**  
[54] **OUTIL DE TRACE SERVANT A TRACER DES LIGNES PERPENDICULAIRES**  
[72] BUTWIN, ROBERT S., US  
[71] BUTWIN, ROBERT S., US  
[85] 2000-10-02  
[86] 1998-09-04 (PCT/US98/18733)  
[87] 1999-10-14 (WO99/51448)  
[30] US (09/055,109) 1998-04-03

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[21] **2,329,171**  
[13] A1  
[51] **Int.Cl. 6B63B 21/50**  
[25] EN  
[54] **A MODULE DEVICE FOR INSTALLATION IN A VESSEL, FOR RECEIVING A SUBMERGED BUOY OR THE LIKE**  
[54] **DISPOSITIF A MODULE DESTINE A ETRE INSTALLE DANS UN NAVIRE RECEVANT UNE BOUEE IMMERGEE OU ANALOGUE**  
[72] SAMUELSEN, ARILD K., NO  
[72] BREIVIK, KARE, NO  
[72] EGGE, TRYGVGE G., NO  
[72] KLEPPESTO, HARALD, NO  
[71] NAVION ASA (FORMERLY NAVION AS), NO  
[85] 2000-10-03  
[86] 1999-04-07 (PCT/NO99/00115)  
[87] 1999-10-21 (WO99/52764)  
[30] NO (19981627) 1998-04-08

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[21] **2,329,173**  
[13] A1  
[51] **Int.Cl. 6G02F 1/167**  
[25] EN  
[54] **SHUTTER MODE MICROENCAPSULATED ELECTROPHORETIC DISPLAY**  
[54] **AFFICHAGE ELECTROPHORETIQUE MICROENCAPSULE A PERMUTATION EN VOLET**  
[72] ALBERT, JONATHAN D., US  
[72] COMISKEY, BARRETT, US  
[71] E INK CORPORATION, US  
[85] 2000-10-18  
[86] 1999-04-27 (PCT/US99/09172)  
[87] 1999-11-04 (WO99/56171)  
[30] US (60/083,252) 1998-04-27

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[21] **2,329,175**  
[13] A1  
[51] **Int.Cl. 6A61K 49/00 6A61K 41/00**  
[25] EN  
[54] **IMPROVEMENTS IN OR RELATING TO CONTRAST AGENTS**  
[54] **AMELIORATIONS APORTEES A DES AGENTS DE CONTRASTE OU EN RAPPORT AVEC CES AGENTS**  
[72] TOLLESHAUG, HELGE, NO  
[72] ERIKSEN, MORTEN, NO  
[72] SKURTVEIT, ROALD, NO  
[72] CUTHBERTSON, ALAN, NO  
[72] OSTENSEN, JONNY, NO  
[72] FRIGSTAD, SIGMUND, NO  
[72] RONGVED, PAL, NO  
[71] NYCOMED IMAGING AS, NO  
[85] 2000-10-18  
[86] 1999-04-22 (PCT/GB99/01221)  
[87] 1999-10-28 (WO99/53963)  
[30] GB (9808599.6) 1998-04-22

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[21] **2,329,178**  
[13] A1  
[51] **Int.Cl. 7H04J 11/00 7H04L 29/06**  
[25] EN  
[54] **COMMUNICATION DEVICE AND COMMUNICATION METHOD**  
[54] **DISPOSITIF ET PROCEDE DE COMMUNICATION**  
[72] KOIZUMI, YOSHIKI, JP  
[72] MATSUMOTO, WATARU, JP  
[72] INOUE, MASAHIRO, JP  
[72] KOBAYASHI, TSUYOSHI, JP  
[72] HIGUMA, TOSHIYASU, JP  
[72] ANDO, YASUOMI, JP  
[72] KATO, MASATAKA, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[85] 2000-10-18  
[86] 2000-02-21 (PCT/JP00/00967)  
[87] 2000-08-24 (WO00/49749)  
[30] JP (11/41261) 1999-02-19

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[21] **2,329,181**  
[13] A1

[51] **Int.Cl. 6C07D 277/24 6C07D 313/00 6C07D 471/02 6C07D 491/02 6C07D 498/02 6C07D 277/26**  
[25] EN  
[54] **12,13-MODIFIED EPOTHILONE DERIVATIVES**  
[54] **DERIVES D'EPOTHILONE MODIFIES EN POSITION 12,13**  
[72] KIM, SOONG-HOON, US  
[72] VITE, GREGORY D., US  
[72] HOFLE, GERHARD, DE  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2000-10-18  
[86] 1999-04-05 (PCT/US99/07475)  
[87] 1999-10-28 (WO99/54319)  
[30] US (60/082,564) 1998-04-21

[21] **2,329,185**  
[13] A1

[51] **Int.Cl. 6A61G 7/057**  
[25] EN  
[54] **BED**  
[54] **LIT**  
[72] WALKER, PETER, GB  
[71] NIGHTINGALE CARE BEDS LIMITED, GB  
[85] 2000-10-19  
[86] 1999-04-15 (PCT/GB99/01154)  
[87] 1999-11-04 (WO99/55276)  
[30] GB (9808675.4) 1998-04-24

[21] **2,329,188**  
[13] A1

[51] **Int.Cl. 6B01J 2/20 6B29C 47/00 6A01N 25/14**  
[25] EN  
[54] **IMPROVED EXTRUSION PROCESS**  
[54] **PROCEDE D'EXTRUSION AMELIORE**  
[72] HOBBS, DAVID G., US  
[71] BASF CORPORATION, US  
[85] 2000-10-18  
[86] 1999-04-22 (PCT/EP99/02700)  
[87] 1999-11-04 (WO99/55452)  
[30] US (60/082,876) 1998-04-24

[21] **2,329,190**  
[13] A1

[51] **Int.Cl. 6G01V 3/32 6G01R 33/44**  
[25] EN  
[54] **POROSITY AND PERMEABILITY MEASUREMENT OF UNDERGROUND FORMATIONS CONTAINING CRUDE OIL, USING EPR RESPONSE DATA**  
[54] **MESURE DE LA POROSITE ET DE LA PERMEABILITE DE FORMATIONS SOUTERRAINES CONTENANT DU PETROLE BRUT AU MOYEN DE DONNEES DE REPONSE D'EPR**  
[72] QINGWEN, NI, US  
[72] KING, JAMES DERWIN, US  
[72] DE LOS SANTOS, ARMANDO, US  
[71] QINGWEN, NI, US  
[71] SOUTHWEST RESEARCH INSTITUTE, US  
[71] KING, JAMES DERWIN, US  
[71] DE LOS SANTOS, ARMANDO, US  
[85] 2000-10-18  
[86] 1999-04-22 (PCT/US99/08862)  
[87] 1999-10-28 (WO99/54759)  
[30] US (60/082,647) 1998-04-22

[21] **2,329,191**  
[13] A1

[51] **Int.Cl. 6D21H 17/71 6D21H 21/10 6D21H 17/20 6C08F 220/56 6D21H 17/68**  
[25] EN  
[54] **A PROCESS FOR THE PRODUCTION OF PAPER**  
[54] **PROCEDE DE PRODUCTION DE PAPIER**  
[72] STRUCK, OLIVER, DE  
[72] SIKKAR, REIN, SE  
[72] HALLSTROM, HANS, SE  
[71] AKZO NOBEL N.V., NL  
[85] 2000-10-18  
[86] 1999-04-26 (PCT/SE99/00678)  
[87] 1999-11-04 (WO99/55962)  
[30] EP (98850067.4) 1998-04-27  
[30] US (60/083,253) 1998-04-27

[21] **2,329,193**  
[13] A1

[51] **Int.Cl. 6A61K 31/445 6C07D 211/00 6C07D 213/22 6C07D 213/26 6C07D 211/30 6C07D 211/32 6C07D 211/36 6C07D 211/40 6A61K 31/435 6A61K 31/44 6C07D 211/54 6C07D 211/60 6C07D 211/72**  
[25] EN  
[54] **PROCESS FOR SYNTHESIZING COX-2 INHIBITORS**  
[54] **PROCEDE DE SYNTHESE D'INHIBITEURS DE COX-2**  
[72] PYE, PHILIP J., US  
[72] LARSEN, ROBERT D., US  
[72] DAVIES, IAN W., US  
[72] CORLEY, EDWARD G., US  
[72] ROSSEN, KAI, US  
[71] MERCK & CO., INC., US  
[85] 2000-10-18  
[86] 1999-04-20 (PCT/US99/08645)  
[87] 1999-11-04 (WO99/55830)  
[30] US (60/082,888) 1998-04-24  
[30] US (60/085,668) 1998-05-15

[21] **2,329,194**  
[13] A1

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MANAGEMENT OF COMMUNICATIONS OVER MEDIA OF FINITE BANDWIDTH**  
[54] **PROCEDE ET DISPOSITIF DE GESTION DE COMMUNICATIONS SUR DES SUPPORTS A LARGEUR DE BANDE DELIMITEE**  
[72] BOS, HERBERT, GB  
[72] RUBERG, ALAN T., US  
[72] BUTCHER, LAWRENCE L., US  
[72] NORTHCUTT, J. DUANE, US  
[72] WALL, GERARD A., US  
[72] HANKO, JAMES G., US  
[71] SUN MICROSYSTEMS, INC., US  
[85] 2000-10-18  
[86] 1999-04-20 (PCT/US99/08674)  
[87] 1999-10-28 (WO99/54805)  
[30] US (09/063,491) 1998-04-20



## PCT Applications Entering the National Phase

[21] **2,329,195**  
[13] A1

[51] **Int.Cl. 7H04M 3/42**  
[25] EN  
[54] **ADVERTISING METHOD BY USING RING-BACK TONE**  
[54] **PROCEDE PUBLICITAIRE UTILISANT UN SIGNAL DE RAPPEL**  
[72] KIM, KANGSUK, KR  
[71] KIM, KANGSUK, KR  
[85] 2000-10-18  
[86] 2000-02-18 (PCT/KR00/00131)  
[87] 2000-08-24 (WO00/49793)  
[30] KR (1999/5344) 1999-02-18

[21] **2,329,196**  
[13] A1

[51] **Int.Cl. 6G01J 3/18 6A61B 5/00 6G01B 9/02 6G01J 3/36 6G01J 3/42**  
[25] EN  
[54] **SPECTROPHOTOMETER SYSTEM**  
[54] **SYSTEME DE SPECTROPHOTOMETRIE**  
[72] HUTCHISON, ROBERT J., US  
[72] CIACCIA, PETER A., JR., US  
[72] EASTMAN, JAY M., US  
[71] LUCID, INC., US  
[85] 2000-10-18  
[86] 1999-08-19 (PCT/US99/18963)  
[87] 2000-03-16 (WO00/14496)  
[30] US (60/097,317) 1998-08-20

[21] **2,329,199**  
[13] A1

[51] **Int.Cl. 6H04L 29/06 6G06F 15/173**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING A VIRTUAL DESKTOP SYSTEM ARCHITECTURE**  
[54] **PROCEDE ET APPAREIL POUR REALISER UNE ARCHITECTURE DE SYSTEME DE BUREAU VIRTUEL**  
[72] RUBERG, ALAN T., US  
[72] WALL, GERARD A., US  
[72] BUTCHER, LAWRENCE L., US  
[72] WILHELM, NEIL C., US  
[72] NORTH CUTT, J. DUANE, US  
[72] HANKO, JAMES G., US  
[71] SUN MICROSYSTEMS, INC., US  
[85] 2000-10-18  
[86] 1999-04-20 (PCT/US99/08669)  
[87] 1999-10-28 (WO99/54804)  
[30] US (09/063,335) 1998-04-20

[21] **2,329,202**  
[13] A1

[51] **Int.Cl. 7D06B 23/04 7D06P 5/00 7D06P 7/00 7B41F 16/02**  
[25] EN  
[54] **FABRIC PRODUCT FIXING DEVICE**  
[54] **DISPOSITIF DE FIXATION DE PRODUIT SUR TISSU**  
[72] TAKAGAKI, TOSHIYA, JP  
[71] SHINDO COMPANY, JP  
[85] 2000-10-18  
[86] 2000-01-26 (PCT/JP00/00385)  
[87] 2000-08-24 (WO00/49216)  
[30] JP (11/41882) 1999-02-19

[21] **2,329,204**  
[13] A1

[51] **Int.Cl. 6H04Q 7/28 6H04J 13/00**  
[25] EN  
[54] **MOBILE RADIO COMMUNICATION SYSTEM, COMMUNICATION APPARATUS FOR MOBILE RADIO COMMUNICATION SYSTEM, AND MOBILE RADIO COMMUNICATION METHOD**  
[54] **SYSTEME DE COMMUNICATION RADIOMOBILE, APPAREIL DE COMMUNICATION DESTINE A CE SYSTEME, ET PROCEDE DE COMMUNICATION RADIOMOBILE**  
[72] YANO, YASUHIRO, JP  
[72] MURAI, HIDESHI, JP  
[72] VOYER, NICOLAS, FR  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[85] 2000-10-19  
[86] 1999-03-04 (PCT/JP99/01051)  
[87] 1999-10-28 (WO99/55104)  
[30] JP (10/114003) 1998-04-23

[21] **2,329,207**  
[13] A1

[51] **Int.Cl. 6B65B 43/12 6B65B 43/26 6B65B 43/30**  
[25] EN  
[54] **METHOD AND APPARATUS FOR OPENING AND TRANSPORTING BAGS**  
[54] **PROCEDE ET APPAREIL D'OUVERTURE ET DE TRANSPORT DE SACS**  
[72] MCDONALD, GREGORY E., US  
[72] KILLINGER, GLENN W., US  
[72] ZENDE, CHARLES C., US  
[71] CRYOVAC, INC., US  
[85] 2000-10-18  
[86] 1998-10-23 (PCT/US98/22545)  
[87] 1999-10-28 (WO99/54213)  
[30] US (09/064,333) 1998-04-22

[21] **2,329,210**  
[13] A1

[51] **Int.Cl. 6C07D 207/12 6C07B 35/02 6C07B 43/06 6A61K 31/40**  
[25] EN  
[54] **METHOD FOR PRODUCING ENANTIOMER-FREE N-METHYL-N-  
-(1S)-1-PHENYL- 2-((3S)- 3-  
HYDROXYPYRROLIDINE- 1-  
YL)ETHYL)- 2,2-DIPHENYL  
ACETAMIDE**  
[54] **PROCEDE DE PRODUCTION DE N-  
METHYL-N-((1S)-1-PHENYL-2-((3S)-3-  
HYDROXYPYRROLIDIN-1-  
YL)ETHYL)-2,2-  
DIPHENYLACETAMIDE SANS  
ENANTIOMERES**  
[72] BUDAK, JENS, DE  
[72] STEIN, INGEBORG, DE  
[72] ACKERMANN, KARL-AUGUST, DE  
[72] GOTTSCHLICH, RUDOLF, DE  
[72] HELFERT, BERND, DE  
[72] BATHE, ANDREAS, DE  
[71] MERCK PATENT GESELLSCHAFT  
MIT BESCHRANKTER HAFTUNG, DE  
[85] 2000-10-18  
[86] 1999-04-16 (PCT/EP99/02574)  
[87] 1999-10-28 (WO99/54298)  
[30] DE (198 17 393.8) 1998-04-20  
[30] DE (198 27 633.8) 1998-06-20

[21] **2,329,211**  
[13] A1

[51] **Int.Cl. 6H01G 4/015 6H01G 4/18 6H01G 4/32**  
[25] EN  
[54] **METALLIZED FILM CAPACITOR FOR USE IN IMPLANTABLE DEFIBRILLATOR**  
[54] **CONDENSATEUR A FILM MINCE POUVANT ETRE UTILISE DANS UN DEFIBRILLATEUR IMPLANTABLE**  
[72] MUNSHI, MOHAMMED ZAFAR AMIN, US  
[71] INTERMEDICS INC., US  
[85] 2000-10-18  
[86] 1999-04-21 (PCT/US99/08832)  
[87] 1999-10-28 (WO99/54894)  
[30] US (09/065,131) 1998-04-23

## Demandes PCT entrant en phase nationale

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[21] **2,329,213**  
[13] A1

[51] **Int.Cl. 7A61F 2/06**  
[25] EN  
[54] **LOW PROFILE STENT AND GRAFT COMBINATION**  
[54] **COMBINAISON DE STENT ET DE PROTHESE ENDOVASCULAIRE A PROFIL MINCE**  
[72] ULM, MARK J., US  
[72] MARTIN, GERALD RAY, US  
[72] CULLY, EDWARD H., US  
[72] BRAUKER, JAMES H., US  
[72] DAVIDSON, DANIEL F., US  
[72] VONESH, MICHAEL J., US  
[72] ARMSTRONG, JOSEPH R., US  
[71] GORE ENTERPRISE HOLDINGS, INC., US  
[85] 2000-10-18  
[86] 2000-01-21 (PCT/US00/01557)  
[87] 2000-07-27 (WO00/42948)  
[30] US (09/235,458) 1999-01-22

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[21] **2,329,214**  
[13] A1

[51] **Int.Cl. 7A61F 2/06**  
[25] EN  
[54] **A BILIARY STENT-GRAFT**  
[54] **STENT BILIAIRE A GREFFER**  
[72] CULLY, EDWARD H., US  
[72] HUTCHINSON, ERIN B., US  
[72] NILSON, MICHAEL C., US  
[72] RIVERA, RICARDO A., US  
[71] GORE ENTERPRISE HOLDINGS, INC., US  
[85] 2000-10-18  
[86] 2000-01-21 (PCT/US00/01715)  
[87] 2000-07-27 (WO00/42949)  
[30] US (09/235,460) 1999-01-22  
[30] US (09/488,229) 2000-01-20

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[21] **2,329,219**  
[13] A1

[51] **Int.Cl. 7A61L 31/04 7A61F 2/06 7A61L 31/10 7A61L 27/16 7A61L 27/34**  
[25] EN  
[54] **VASCULAR GRAFT WITH IMPROVED SURFACE FLOW**  
[54] **IMPLANT VASCULAIRE A ECOULEMENT DE SURFACE AMELIORE**  
[72] BRAUKER, JAMES H., US  
[72] DAVIDSON, DANIEL F., US  
[72] ULM, MARK J., US  
[72] BUTTERS, LESLIE C., US  
[71] GORE ENTERPRISE HOLDINGS, INC., US  
[85] 2000-10-18  
[86] 2000-01-12 (PCT/US00/00745)  
[87] 2000-07-27 (WO00/43052)  
[30] US (09/235,214) 1999-01-22

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[21] **2,329,225**  
[13] A1

[51] **Int.Cl. 7A63C 17/00**  
[25] EN  
[54] **CONVERTIBLE SKATEBOARD/SCOOTER**  
[54] **ENSEMBLE CONVERTIBLE PLANCHA A ROULETTES/TROTTINETTE**  
[72] FAVORITO, ANTHONY, US  
[72] OGIE, SAMUEL, US  
[71] MATTEL, INC., US  
[85] 2000-10-19  
[86] 2000-02-23 (PCT/US00/04461)  
[87] 2000-09-21 (WO00/54856)  
[30] US (09/271,208) 1999-03-17

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[21] **2,329,227**  
[13] A1

[51] **Int.Cl. 6C08K 9/04 6C08J 3/22**  
[25] EN  
[54] **GRANULATE COMPOSITION OF ANTIBLOCKING AGENTS AND ADDITIVES FOR POLYMER PRODUCTION**  
[54] **COMPOSITION GRANULEE FORMEE D'AGENTS ANTI-ADHERENTS ET D'ADDITIFS POUR LA PRODUCTION DE POLYMERES**  
[72] STURM, ANDREAS, DE  
[72] VAN ESSCHE, GONDA, DE  
[72] SCHMIDT, ANDREAS, DE  
[72] TONNVIK, MATS, SE  
[71] GRACE GMBH & CO. KG., DE  
[85] 2000-10-18  
[86] 1999-04-16 (PCT/EP99/02559)  
[87] 1999-10-28 (WO99/54396)  
[30] DE (198 17 257.5) 1998-04-19

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[21] **2,329,229**  
[13] A1

[51] **Int.Cl. 6G06F 9/40 6G06F 9/46**  
[25] EN  
[54] **RISC PROCESSOR WITH CONTEXT SWITCH REGISTER SETS ACCESSIBLE BY EXTERNAL COPROCESSOR**  
[54] **PROCESSEUR RISC POSSEDANT DES ENSEMBLES DE REGISTRES DE COMMUTATION D'ENVIRONNEMENT ACCESSIBLES A UN COPROCESSEUR EXTERNE**  
[72] HEMBROOK, PAUL, US  
[72] ROY, SUBHASH C., US  
[72] PARRELLA, EUGENE L., US  
[72] MARIANO, RICHARD, US  
[71] TRANSWITCH CORPORATION, US  
[85] 2000-10-19  
[86] 1999-04-14 (PCT/US99/08275)  
[87] 1999-10-28 (WO99/54813)  
[30] US (09/064,446) 1998-04-22

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[13] A1

[51] **Int.Cl. 6A61K 31/50 6A61K 9/16 6A61K 9/20 6A61K 9/28 6A61K 47/36 6A61K 9/48**  
[25] EN  
[54] **STABLE COMPOSITIONS COMPRISING LEVOSIMENDAN AND ALGINIC ACID**  
[54] **COMPOSITIONS STABLES COMPRENANT DU LEVOSIMENDANE ET DE L'ACIDE ALGINIQUE**  
[72] LARMA, ILKKA, FI  
[72] HARJULA, MAARIT, FI  
[71] ORION CORPORATION, FI  
[85] 2000-10-18  
[86] 1999-04-23 (PCT/FI99/00331)  
[87] 1999-11-04 (WO99/55337)  
[30] FI (980902) 1998-04-23

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[21] **2,329,234**  
[13] A1

[51] **Int.Cl. 6A61K 31/50 6A61K 9/00 6A61K 9/20**  
[25] EN  
[54] **CONTROLLED RELEASE PERORAL COMPOSITIONS OF LEVOSIMENDAN**  
[54] **COMPOSITIONS DE LEVOSIMENDANE PERORALES A LIBERATION CONTROLEE**  
[72] LARMA, ILKKA, FI  
[72] LEHTONEN, LASSE, FI  
[72] HARJULA, MAARIT, FI  
[72] ANTILA, SAILA, FI  
[71] ORION CORPORATION, FI  
[85] 2000-10-18  
[86] 1999-04-23 (PCT/FI99/00329)  
[87] 1999-11-04 (WO99/55305)  
[30] FI (980901) 1998-04-23

[21] **2,329,235**  
[13] A1

[51] **Int.Cl. 6A61K 7/06 6A61K 7/11**  
[25] EN  
[54] **ANHYDROUS AEROSOL HAIRSPRAY COMPOSITIONS CONTAINING SILICONE GRAFTED COPOLYMERS**  
[54] **COMPOSITIONS DE LAQUE ANHYDRE EN AEROSOL RENFERMANT DES COPOLYMERES A GREFFE DE SILICONE**  
[72] HUTCHINS, THOMAS ALLEN, US  
[71] THE PROCTOR & GAMBLE COMPANY, US  
[85] 2000-10-19  
[86] 1999-04-27 (PCT/US99/09090)  
[87] 1999-11-04 (WO99/55294)  
[30] US (09/067,637) 1998-04-28

[21] **2,329,236**  
[13] A1

[51] **Int.Cl. 6G01N 21/00 6G01N 15/06**  
[25] EN  
[54] **MICROPLATE SCANNING READ HEAD**  
[54] **TETE DE LECTURE DE BALAYAGE DE MICROPLAQUETTES**  
[72] CUNANAN, CHRIS, US  
[71] BIO-RAD LABORATORIES, INC., US  
[85] 2000-10-18  
[86] 1999-04-19 (PCT/US99/08595)  
[87] 1999-10-28 (WO99/54710)  
[30] US (60/082,570) 1998-04-21  
[30] US (09/291,787) 1999-04-14

[21] **2,329,240**  
[13] A1

[51] **Int.Cl. 6H04L 12/22**  
[25] EN  
[54] **SUBSCRIBER UNIT AND METHOD FOR LINKING A MESSAGE TO AN APPLICATION**  
[54] **UNITE D'ABONNE ET PROCEDE DE LIAISON D'UN MESSAGE A UNE APPLICATION**  
[72] GEARHART, THERESE M., US  
[72] FARIS, RANDI WEITZEN, US  
[71] MOTOROLA, INC., US  
[85] 2000-10-19  
[86] 1999-03-25 (PCT/US99/06289)  
[87] 1999-10-28 (WO99/55043)  
[30] US (09/062,626) 1998-04-20

[21] **2,329,243**  
[13] A1

[51] **Int.Cl. 6C11D 17/00**  
[25] EN  
[54] **WATER-DISPERSIBLE NON-PARTICULATE DETERGENT PRODUCT FROM LOW-DENSITY PARTICULATE DETERGENT PARTICLES**  
[54] **PRODUIT DETERGENT NON PARTICULAIRE DISPERSIBLE DANS L'EAU OBTENU A PARTIR DE PARTICULES DE DETERGENT DE FAIBLE DENSITE**  
[72] STONE, THOMAS EDWARD, US  
[72] ANGELL, ADRIAN JOHN WAYNFORTH, US  
[72] ZORB, LES CHARLES, US  
[71] THE PROCTOR & GAMBLE COMPANY, US  
[85] 2000-10-19  
[86] 1999-04-21 (PCT/IB99/00708)  
[87] 1999-11-04 (WO99/55821)  
[30] US (60/083,206) 1998-04-27

[21] **2,329,246**  
[13] A1

[51] **Int.Cl. 6C12N 15/70 6C12N 1/21 6C12P 19/34**  
[25] EN  
[54] **METHOD FOR THE ISOLATION OF CCC PLASMID DNA**  
[54] **METHODE D'ISOLEMENT DE L'ADN PLASMIDIQUE CCC**  
[72] SCHLEEF, MARTIN, DE  
[72] FLASCHEL, ERWIN, DE  
[72] SCHMIDT, TORSTEN, DE  
[72] FRIEHS, KARL, DE  
[71] QIAGEN GMBH, DE  
[85] 2000-11-20  
[86] 1999-05-21 (PCT/EP99/03522)  
[87] 1999-12-02 (WO99/61633)  
[30] EP (98109473.3) 1998-05-25

[21] **2,329,247**  
[13] A1

[51] **Int.Cl. 6C12N 9/00**  
[25] EN  
[54] **AMINO-MODIFIED RIBOZYMES**  
[54] **RIBOZYMES MODIFIES PAR AMINO**  
[72] SIOUD, MOULDY, NO  
[71] THE NORWEGIAN RADIUM HOSPITAL RESEARCH FOUNDATION, NO  
[85] 2000-11-28  
[86] 1999-05-28 (PCT/GB99/01706)  
[87] 1999-12-09 (WO99/63066)  
[30] GB (9811750.0) 1998-06-01

[21] **2,329,248**  
[13] A1

[51] **Int.Cl. 6A41D 13/00 6A62B 23/02**  
[25] EN  
[54] **DISPOSABLE AEROSOL MASK WITH DISPARATE PORTIONS**  
[54] **MASQUE FILTRANT LES PARTICULES D'AEROSOL EQUIPE DE PARTIES DISTINCTES**  
[72] BRUNSON, KEVIN K., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2000-10-19  
[86] 1999-04-28 (PCT/US99/09204)  
[87] 1999-11-04 (WO99/55179)  
[30] US (09/069,359) 1998-04-29

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[21] **2,329,249**  
[13] A1

[51] **Int.Cl. 6C07H 21/04 6C07K 5/00 6C12Q 1/68**  
[25] EN  
[54] **APOPTOSIS MODULATORS THAT INTERACT WITH THE HUNTINGTON'S DISEASE GENE**  
[54] **MODULATEURS D' APOPTOSE INTERAGISSANT AVEC LE GENE DE LA MALADIE DE HUNTINGTON**  
[72] HAYDEN, MICHAEL R., B1  
[72] RASPER, DITA M., CA  
[72] KALCHMAN, MICHAEL, CA  
[72] HACKAM, ABIGAIL, CA  
[72] NICHOLSON, DONALD W., CA  
[72] VALLAINCOURT, JOHN P., CA  
[72] CHOPRA, VIKRAMJIT, CA  
[71] UNIVERSITY OF BRITISH COLUMBIA, CA  
[71] MERCK FROSST CANADA & CO., CA  
[85] 2000-11-27  
[86] 1999-05-27 (PCT/US99/11743)  
[87] 1999-12-02 (WO99/60986)  
[30] US (09/085,199) 1998-05-27

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[21] **2,329,250**  
[13] A1

[51] **Int.Cl. 6C07K 14/78 6A61K 38/39 6G01N 33/68**  
[25] EN  
[54] **PEPTIDE ANTIANGIOGENIC DRUGS**  
[54] **MEDICAMENTS PEPTIDIQUES ANTI-ANGIOGENIQUES**  
[72] HENKIN, JACK, US  
[72] HAVIV, FORTUNA, US  
[72] BRADLEY, MICHAEL F., US  
[72] SCHNEIDER, ANDREW J., US  
[72] KALVIN, DOUGLAS M., US  
[71] ABBOTT LABORATORIES, US  
[85] 2000-11-20  
[86] 1999-05-21 (PCT/US99/11448)  
[87] 1999-12-02 (WO99/61476)  
[30] US (09/083,745) 1998-05-22  
[30] US (09/250,574) 1999-02-16  
[30] US (09/277,466) 1999-03-26

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[21] **2,329,251**  
[13] A1

[51] **Int.Cl. 6A62B 18/08**  
[25] EN  
[54] **CUSTOMIZABLE FACE OR NOSE MASK FOR THE NONINVASIVE VENTILATION OF PATIENTS IN GENERAL**  
[54] **MASQUE FACIAL OU NASAL SOUPLE POUR VENTILATION NON INVASIVE DES PATIENTS EN GENERAL**  
[72] FINI, MASSIMO, IT  
[72] BERGAMASCHI, PAOLO, IT  
[71] MALLINCKRODT INC., US  
[85] 2000-10-19  
[86] 1999-05-11 (PCT/US99/10300)  
[87] 1999-11-18 (WO99/58198)  
[30] IT (MI98A0001027) 1998-05-12

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[21] **2,329,252**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6A61K 48/00 6C12N 15/00 6C07H 21/04 6C12N 15/11 6C12P 19/34 6C12N 15/63 6C12N 15/85**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR TOPICAL DELIVERY OF OLIGONUCLEOTIDES**  
[54] **COMPOSITIONS ET METHODES POUR L'ADMINISTRATION TOPIQUE D'OLIGONUCLEOTIDES**  
[72] COOK, PHILLIP D., US  
[72] HARDEE, GREGORY E., US  
[72] TEMPLIN, MICHAEL V., US  
[72] TSAI, YALI JENNIFER, US  
[72] ECKER, DAVID J., US  
[72] MEHTA, RAHUL, US  
[71] ISIS PHARMACEUTICALS, INC., US  
[85] 2000-11-21  
[86] 1999-05-20 (PCT/US99/11142)  
[87] 1999-11-25 (WO99/60167)  
[30] US (09/082,336) 1998-05-21

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[13] A1

[51] **Int.Cl. 6C07H 21/04 6C12N 15/12 6C12N 15/31 6C12N 15/33 6C12P 19/34 6C12Q 1/68**  
[25] EN  
[54] **MULTIPARAMETRIC FLUORESCENCE IN SITU HYBRIDIZATION**  
[54] **HYBRIDATION IN SITU SOUS FLUORESCENCE A PARAMETRES MULTIPLES**  
[72] WILSON, JOHN T., US  
[72] SPEICHER, MICHAEL, DE  
[72] BALLARD, STEPHEN GWYN, US  
[72] WARD, DAVID C., US  
[71] YALE UNIVERSITY, US  
[85] 2000-11-30  
[86] 1999-06-02 (PCT/US99/12107)  
[87] 1999-12-09 (WO99/62926)  
[30] US (09/088,845) 1998-06-02

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[21] **2,329,254**  
[13] A1

[51] **Int.Cl. 6F26B 17/22**  
[25] EN  
[54] **DRYING APPARATUS**  
[54] **APPAREIL DE SECHAGE**  
[72] SUNDE, TROND, NO  
[71] ARTICARE AS, NO  
[85] 2000-10-19  
[86] 1999-02-25 (PCT/NO99/00061)  
[87] 1999-11-11 (WO99/57500)  
[30] NO (19981835) 1998-04-23

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[21] **2,329,255**  
[13] A1

[51] **Int.Cl. 6C12N 15/74 6C12N 9/10 6A61K 39/106 6A61K 39/108 6C07K 14/245 6C07K 14/28 6C12N 15/31 6C07K 14/435 6C12N 15/54**  
[25] EN  
[54] **METHOD OF PRODUCING THY A-STRAINS OF VIBRIO CHOLERAEE, SUCH STRAINS AND THEIR USE**  
[54] **METHODE DE PRODUCTION DE SOUCHES THY A- DE VIBRIO CHOLERAEE, LESDITES SOUCHES ET LEUR UTILISATION**  
[72] LEBENS, MICHAEL R., SE  
[72] CARLIN, NILS, SE  
[71] SBL VACCIN AB, SE  
[85] 2000-11-24  
[86] 1999-05-21 (PCT/EP99/03509)  
[87] 1999-12-02 (WO99/61634)  
[30] SE (9801852-6) 1998-05-26

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[21] **2,329,256**  
[13] A1  
[51] **Int.Cl. 6B65B 39/00 6B65B 31/10**  
[25] EN  
[54] **METHOD, APPARATUS AND SYSTEM FOR FILLING CONTAINERS**  
[54] **PROCEDE, APPAREIL ET SYSTEME DE REMPLISSAGE DE RECIPIENTS**  
[72] MATTHEWS, ROGER, GB  
[72] METCALF, STEPHEN, GB  
[72] BRENNAN, JOHN, GB  
[71] ASTRAZENECA AB, SE  
[85] 2000-10-19  
[86] 1999-04-21 (PCT/SE99/00650)  
[87] 1999-10-28 (WO99/54211)  
[30] SE (9801398-0) 1998-04-21

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[21] **2,329,258**  
[13] A1  
[51] **Int.Cl. 6C07C 51/21 6C07C 63/26 6C07C 51/265**  
[25] EN  
[54] **IMPROVED PROCESS FOR PRODUCING PURE CARBOXYLIC ACIDS**  
[54] **PROCEDE AMELIORE DE PRODUCTION D'ACIDES CARBOXYLIQUES PURS**  
[72] WOODCOCK, DUNCAN CHARLES, GB  
[72] TURNER, JOHN ARTHUR, GB  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-12-15  
[86] 1998-08-06 (PCT/US98/16268)  
[87] 2000-02-17 (WO00/07970)  
[30] US (09/127,751) 1998-08-03

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[21] **2,329,314**  
[13] A1  
[51] **Int.Cl. 6G07F 11/00**  
[25] EN  
[54] **OPTICAL VEND-SENSING SYSTEM FOR CONTROL OF VENDING MACHINE**  
[54] **SYSTEME DE DISTRIBUTION ET DE DETECTION OPTIQUE SERVANT A DETECTER LES OBJETS DISTRIBUES PAR UN DISTRIBUTEUR AUTOMATIQUE**  
[72] SPENTZOS, KYRIAKOS PANAGIOTIS, US  
[72] HAIR, JAMES MONROE III, US  
[71] AUTOMATED MERCHANDISING SYSTEMS, INC., US  
[85] 2000-10-19  
[86] 1999-04-28 (PCT/US99/09165)  
[87] 1999-11-04 (WO99/56255)  
[30] US (60/083,522) 1998-04-29  
[30] US (09/261,221) 1999-03-03

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[21] **2,329,315**  
[13] A1  
[51] **Int.Cl. 6H04N 7/167**  
[25] EN  
[54] **MULTIMEDIA ADAPTIVE SCRAMBLING SYSTEM (MASS)**  
[54] **SYSTEME DE BROUILLAGE MULTIMEDIA ADAPTATIF (MASS)**  
[72] LAM, S. KATHERINE, US  
[72] KATOH, TAKU, JP  
[72] LEE, CHONG U., US  
[72] ENDOH, NAOKI, JP  
[72] MOALLEMI, KAMRAN, US  
[71] SOLANA TECHNOLOGY DEVELOPMENT CORPORATION, US  
[85] 2000-10-19  
[86] 1999-04-20 (PCT/US99/08635)  
[87] 1999-10-28 (WO99/55089)  
[30] US (60/082,488) 1998-04-21

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[21] **2,329,316**  
[13] A1  
[51] **Int.Cl. 6C07B 53/00 6C07B 57/00 6C07C 253/08 6B01J 31/22 6C07C 251/24**  
[25] EN  
[54] **MAIN-GROUP METAL-BASED ASYMMETRIC CATALYSTS AND APPLICATIONS THEREOF**  
[54] **CATALYSEURS ASYMETRIQUES A BASE D'UN METAL DU GROUPE PRINCIPAL**  
[72] JACOBSEN, ERIC N., US  
[72] SIGMAN, MATTHEW S., US  
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US  
[85] 2000-10-19  
[86] 1999-04-30 (PCT/US99/09570)  
[87] 1999-11-11 (WO99/56699)  
[30] US (09/071,842) 1998-05-01

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[13] A1  
[51] **Int.Cl. 6C07D 209/92 6C07D 471/04 6C07D 495/04 6C07D 401/06 6A61K 31/435 6A61K 31/44 6A61K 31/445 6A61K 31/47 6A61K 31/495**  
[25] EN  
[54] **OPTICALLY ACTIVE TETRAHYDROBENZINDOLE DERIVATIVES**  
[54] **DERIVES TETRAHYDROBENZINDOLES ACTIFS AU PLAN OPTIQUE**  
[72] HIRANUMA, TOYOKAZU, JP  
[72] OKUNO, MASAYO, JP  
[72] ANDO, TAKASHI, JP  
[72] MORITA, ERIKO, JP  
[72] KIKUCHI, CHIKA, JP  
[72] USHIRODA, OSAMU, JP  
[72] KOYAMA, MASAO, JP  
[71] MEIJI SEIKA KAISHA, LTD., JP  
[85] 2000-10-19  
[86] 1999-04-21 (PCT/JP99/02127)  
[87] 1999-10-28 (WO99/54303)  
[30] JP (10/111833) 1998-04-22

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[21] **2,329,321**  
[13] A1

[51] **Int.Cl. 6B60N 2/00**  
[25] EN  
[54] **FOLD AND TUMBLE SEAT SUPPORT ASSEMBLY**  
[54] **ENSEMBLE SUPPORT DE SIEGE A PLIAGE ET CULBUTE**  
[72] NICOLA, KIRK M., US  
[72] WITTMAN, FRANK, US  
[71] MAGNA INTERIOR SYSTEMS INC., CA  
[85] 2000-10-19  
[86] 1999-05-13 (PCT/CA99/00506)  
[87] 1999-11-25 (WO99/59836)  
[30] US (60/085,732) 1998-05-15

[21] **2,329,326**  
[13] A1

[51] **Int.Cl. 6C23C 22/00**  
[25] EN  
[54] **PHOSPHATING COMPOSITIONS AND PROCESSES AND PRODUCTS THEREFROM WITH IMPROVED MECHANICAL FORMABILITY**  
[54] **COMPOSITIONS ET PROCEDES DE PHOSPHATATION ET PRODUITS AINSI OBTENUS FAISANT MONTRE D'UNE APTITUDE AU FORMAGE MECANIQUE AMELIOREE**  
[72] GOODREAU, BRUCE H., US  
[71] HENKEL CORPORATION, US  
[85] 2000-10-19  
[86] 1999-05-07 (PCT/US99/07026)  
[87] 1999-11-18 (WO99/58742)  
[30] US (60/084,781) 1998-05-08

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[13] A1

[51] **Int.Cl. 6H01G 2/08 6H01G 9/08**  
[25] EN  
[54] **ALUMINUM ELECTROLYTIC CAPACITOR**  
[54] **CONDENSATEUR ELECTROLYTIQUE EN ALUMINIUM**  
[72] SCHWEIKERT, WILHELM, DE  
[72] WILL, NORBERT, DE  
[72] SPRINGMANN, WALTER, DE  
[72] REDER, THOMAS, DE  
[72] BEIER, DIETER, DE  
[72] DANZER, KLAUS, DE  
[72] NIEDERBERGER, GERHARD, DE  
[72] NEUMEISTER, STEPHAN, DE  
[72] RAIBLE, CHRISTOPH, DE  
[72] FETZER, JURGEN, DE  
[72] GAYER, MANFRED, DE  
[71] EPCOS AG, DE  
[85] 2000-10-19  
[86] 1999-04-08 (PCT/DE99/01025)  
[87] 1999-10-28 (WO99/54893)  
[30] DE (198 17 493.4) 1998-04-20

[21] **2,329,328**  
[13] A1

[51] **Int.Cl. 6A61K 31/165 6A61K 31/13 6A61K 31/41 6A61K 31/44 6A61K 31/495**  
[25] EN  
[54] **USE OF NMDA ANTAGONISTS FOR TREATMENT OF IRRITABLE BOWEL SYNDROME**  
[54] **UTILISATION D'ANTAGONISTES DE NMDA POUR LE TRAITEMENT DU SYNDROME DU COLON IRRITABLE**  
[72] ASGHAR, AZIZ, GB  
[72] KING, ANNE, GB  
[72] DRAY, ANDREW, CA  
[72] CABERO, JOSE LUIS, SE  
[71] ASTRAZENECA AB, SE  
[85] 2000-10-19  
[86] 1999-04-28 (PCT/SE99/00702)  
[87] 1999-11-04 (WO99/55323)  
[30] SE (9801494-7) 1998-04-28  
[30] SE (9803954-8) 1998-11-18

[21] **2,329,329**  
[13] A1

[51] **Int.Cl. 6A61L 27/00**  
[25] EN  
[54] **UTILIZATION OF AN AUTOPOLYMERIZING ORGANOSILOXANE-BASED COMPOUND**  
[54] **UTILISATION D'UNE COMPOSITION AUTOPOLYMERISABLE A BASE D'ORGANOSILOXANE**  
[72] ZOLLNER, JAN, DE  
[72] EYSEL, PEER, DE  
[71] ZOLLNER, JAN, DE  
[71] EYSEL, PEER, DE  
[85] 2000-10-19  
[86] 1999-04-21 (PCT/DE99/01215)  
[87] 1999-10-28 (WO99/53970)  
[30] DE (198 17 698.8) 1998-04-22

[21] **2,329,330**  
[13] A1

[51] **Int.Cl. 6C02F 5/08 6C02F 5/12 6C02F 5/14 6C01F 7/16**  
[25] EN  
[54] **INORGANIC COMPOSITION, PROCESS OF PREPARATION AND METHOD OF USE**  
[54] **COMPOSITION NON ORGANIQUE, SON PROCEDE DE PREPARATION, ET SES MODES D'UTILISATION**  
[72] GUERRINI, ROBERT J., US  
[72] DOTTER, PAMELA J., US  
[72] FLAHERTY, MICHAEL P., US  
[72] HASSICK, DENIS E., US  
[71] CALGON CORPORATION, US  
[85] 2000-10-19  
[86] 1999-04-20 (PCT/US99/08621)  
[87] 1999-10-28 (WO99/54257)  
[30] US (60/082,448) 1998-04-20  
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[21] **2,329,532**  
[13] A1

[51] **Int.Cl. 6H04B 7/005**  
[25] EN  
[54] **METHOD FOR REGULATING OUTPUT POWER CONTROL IN A WIRELESS TELECOMMUNICATIONS DEVICE**  
[54] **PROCEDE POUR REGULER LA COMMANDE DE LA PUISSANCE D'EMISSION DANS UN DISPOSITIF DE TELECOMMUNICATION SANS FIL**  
[72] SCHULZ, EGON, DE  
[72] BIEDERMANN, ROLF, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2000-10-20  
[86] 1999-04-13 (PCT/DE99/01101)  
[87] 1999-11-04 (WO99/56404)  
[30] DE (198 18 463.8) 1998-04-24

[21] **2,329,533**  
[13] A1

[51] **Int.Cl. 6B25D 9/14 6E21C 3/20**  
[25] EN  
[54] **HAMMER DEVICE**  
[54] **DISPOSITIF DE PERCUSSION**  
[72] RODERT, JORGEN, SE  
[72] ANDERSSON, KURT, SE  
[71] ATLAS COPCO ROCK DRILLS AB, SE  
[85] 2000-10-20  
[86] 1999-04-07 (PCT/SE99/00566)  
[87] 1999-10-28 (WO99/54094)  
[30] SE (9801380-8) 1998-04-21

[21] **2,329,534**  
[13] A1

[51] **Int.Cl. 6G02B 1/04**  
[25] EN  
[54] **METHOD FOR POLYMERIZING CONTACT LENSES HAVING UV ABSORBING PROPERTIES**  
[54] **PROCEDE DE POLYMERISATION DE LENTILLES CORNEENNES ABSORBANT L'UV**  
[72] OZARK, RICHARD M., US  
[72] KUNZLER, JAY F., US  
[71] BAUSCH & LOMB INCORPORATED, US  
[85] 2000-10-20  
[86] 1999-04-12 (PCT/US99/07897)  
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[30] US (09/079,783) 1998-05-15

[21] **2,329,536**  
[13] A1

[51] **Int.Cl. 6B65D 81/32 6B65D 47/06**  
[25] EN  
[54] **ORIFICE REDUCER FOR MULTI-COMPARTMENT CONTAINER**  
[54] **REDUCTEUR D'ORIFICE D'UN CONTENANT A PLUSIEURS COMPARTIMENTS**  
[72] SHERMAN, ADAM, US  
[71] E-L MANAGEMENT CORP., US  
[85] 2000-10-20  
[86] 1999-04-12 (PCT/US99/08269)  
[87] 1999-11-04 (WO99/55598)  
[30] US (09/067,047) 1998-04-27

[21] **2,329,537**  
[13] A1

[51] **Int.Cl. 6G02B 1/04**  
[25] EN  
[54] **METHOD FOR MAKING CONTACT LENSES HAVING UV ABSORBING PROPERTIES**  
[54] **PROCEDE DE FABRICATION DE LENTILLES CORNEENNES ABSORBANT L'UV**  
[72] KUNZLER, JAY F., US  
[71] BAUSCH & LOMB INCORPORATED, US  
[85] 2000-10-20  
[86] 1999-04-15 (PCT/US99/08299)  
[87] 1999-11-25 (WO99/60428)  
[30] US (09/079,781) 1998-05-15

[21] **2,329,538**  
[13] A1

[51] **Int.Cl. 6A61B 17/08**  
[25] EN  
[54] **DIRECTIONAL ENDOSCOPIC DELIVERY OF MATERIAL**  
[54] **TRANSPORT ENDOSCOPIQUE DIRECTIONNEL D'UN MATERIEL**  
[72] NIELS, ERIK HOLM, DK  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2000-10-20  
[86] 1999-05-06 (PCT/US99/09788)  
[87] 1999-11-11 (WO99/56634)  
[30] US (60/084,460) 1998-05-06

[21] **2,329,539**  
[13] A1

[51] **Int.Cl. 7G03F 7/00**  
[25] EN  
[54] **A COMPACT PHOTOEMISSION SOURCE, FIELD AND OBJECTIVE LENS ARRANGEMENT FOR HIGH THROUGHPUT ELECTRON BEAM LITHOGRAPHY**  
[54] **SOURCE D'EMISSION PHOTOELECTRIQUE, DISPOSITIF DE VERRE DE CHAMP ET D'OBJECTIF POUR LITHOGRAPHIE PAR FAISCEAUX ELECTRONIQUES A HAUT RENDEMENT**  
[72] MANKOS, MARIAN, US  
[72] VENEKLASEN, LEE H., US  
[71] ETEC SYSTEMS, INC., US  
[85] 2000-10-20  
[86] 2000-03-15 (PCT/US00/07060)  
[87] 2000-09-21 (WO00/55690)  
[30] US (09/272,086) 1999-03-18

[21] **2,329,541**  
[13] A1

[51] **Int.Cl. 6A41D 13/00**  
[25] EN  
[54] **DEVICE FOR PROTECTING THE FACE OF A WEARER**  
[54] **DISPOSITIF DE PROTECTION DU VISAGE**  
[72] BRUNSON, KEVIN K., US  
[72] REESE, GEORGE D., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2000-10-20  
[86] 1999-04-29 (PCT/US99/09299)  
[87] 1999-11-04 (WO99/55180)  
[30] US (60/093,061) 1998-04-30  
[30] US (09/191,580) 1998-11-13

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[21] **2,329,542**

[13] A1

[51] **Int.Cl. 6G06F 13/00 6G06F 13/14**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SCHEDULING MESSAGE TRANSMISSION AND PROCESSING IN A DIGITAL DATA NETWORK**  
[54] **SYSTEME ET PROCEDE D'ORDONNANCEMENT DE TRANSMISSION ET DE TRAITEMENT DE MESSAGES DANS UN RESEAU DE DONNEES NUMERIQUES**  
[72] WELLS, DAVID S., US  
[72] WILLIAMS, JAMES B., US  
[72] FOLLETT, DAVID R., US  
[72] CLAYTON, SHAWN A., US  
[72] GUTIERREZ, MARIA C., US  
[72] GODIWALA, NITIN D., US  
[71] GIGANET, INC., US  
[85] 2000-10-20  
[86] 1999-04-23 (PCT/US99/09021)  
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[21] **2,329,756**

[13] A1

[51] **Int.Cl. 6C12N 15/29 6A01H 5/00 6C12N 5/10 6C07K 14/415 6C12N 15/52**  
[25] EN  
[54] **NOVEL MAIZE ORTHOLOGUES OF BACTERIAL RECA PROTEINS**  
[54] **NOUVEAUX ORTHOLOGUES DU MAIS DE PROTEINES BACTERIENNES RECA**  
[72] MAHAJAN, PRAMOD B., US  
[72] SHI, JINRUI, US  
[72] BASZCZYNSKI, CHRISTOPHER, US  
[72] BOWEN, BENJAMIN, US  
[72] MCELVER, JOHN, US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[85] 2000-12-05  
[86] 1999-06-04 (PCT/US99/12660)  
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[21] **2,329,543**

[13] A1

[51] **Int.Cl. 7A61K 31/225 7A61P 1/00 7A61P 17/00 7A61P 17/06 7A61K 9/16 7A61K 31/28 7A61K 9/50**  
[25] EN  
[54] **FUMARIC ACID MICROTABLETS**  
[54] **MICROCOMPRIMES D'ACIDE FUMARIQUE**  
[72] STREBEL, HANS-PETER, CH  
[72] JOSHI, RAJENDRA KUMAR, CH  
[71] FUMAPHARM AG, CH  
[85] 2000-10-20  
[86] 1999-10-08 (PCT/EP99/07568)  
[87] 2000-04-27 (WO00/23068)  
[30] DE (198 48 260.4) 1998-10-20

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[21] **2,329,779**

[13] A1

[51] **Int.Cl. 6B60R 21/20**  
[25] EN  
[54] **APPARATUS FOR DEPLOYING AN AIR BAG THROUGH A HARD PANEL**  
[54] **APPAREIL PERMETTANT DE DEPLOYER UN AIRBAG A TRAVERS UN PANNEAU DUR**  
[72] RHODES, RICHARD D., JR., US  
[72] GALLAGHER, MICHAEL J., US  
[72] KENNEDY, JACK J., US  
[72] LABRIE, CRAIG B., US  
[72] MORREN, NELSON J., US  
[72] ROGERS, JIMMY C., US  
[72] STAWICKI, EDWIN V., US  
[72] DANIELS, VERNON A., US  
[72] BATCHELDER, BRUCE A., US  
[72] GRAY, JOHN D., US  
[71] TEXTRON AUTOMOTIVE COMPANY INC., US  
[85] 2000-12-07  
[86] 1999-06-16 (PCT/US99/13592)  
[87] 1999-12-23 (WO99/65738)  
[30] US (60/089,863) 1998-06-19  
[30] US (60/089,836) 1998-06-19



## **PCT Applications Entering the National Phase**

## Canadian Divisional and Previously Unavailable Laid-Open applications

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<p>[21] <b>2,022,086</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01S 15/06 7G01S 7/52</b> [25] EN [54] <b>AN ACTIVE SONAR SYSTEM FOR TARGET DETECTION IN THE PRESENCE OF STRONG MAIN LOBE INTERFERENCE</b> [54] <b>SYSTEME DE SONAR ACTIF POUR LA DETECTION DE CIBLE EN LA PRESENCE DE FORTE INTERFERENCE D'UN LOBE PRINCIPAL</b> [72] FEINTUCH, PAUL L., US [71] HUGHES AIRCRAFT COMPANY, US [22] 1990-07-27 [43] 2001-02-01</p>	<p>[21] <b>2,328,238</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04N 7/50</b> [25] EN [54] <b>METHOD OF PREPROCESSING A DIGITAL DATA STREAM</b> [54] <b>PROCEDE POUR PRE-TRAITER UNE CHAINE DE DONNEES NUMERIQUES</b> [72] PORTER, MARK A., US [72] PAWSON, DAVE, US [71] ORACLE CORPORATION, US [22] 1996-07-12 [43] 1997-02-06 [62] 2,197,323 [30] US (08/502,480) 1995-07-14</p>	<p>[21] <b>2,328,638</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 7/01 7A61K 48/00 7C12N 15/34 7A61K 31/70 7C12N 15/86 7C12N 15/861</b> [25] EN [54] <b>IDENTIFICATION OF A HUMAN CYTOMEGALOVIRUS GENE INVOLVED IN DOWN-REGULATION OF MHC CLASS I HEAVY CHAIN EXPRESSION</b> [54] <b>IDENTIFICATION D'UN GENE DE CYTOMEGALOVIRUS HUMAIN IMPLIQUE DANS LA REGULATION VERS LE BAS DE L'EXPRESSION DES CHAINES LOURDES DE CLASSE I DU COMPLEXE MAJEUR D'HISTOCOMPATIBILITE</b> [72] JONES, THOMAS R., US [71] AMERICAN CYANAMID COMPANY, US [22] 1995-07-31 [43] 1996-02-15 [62] 2,196,207 [30] US (08/282,696) 1994-07-29</p>
<p>[21] <b>2,328,230</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04N 7/50</b> [25] EN [54] <b>METHOD FOR CREATING A DIGITAL DATA STREAM</b> [54] <b>PROCEDE POUR CREER UNE CHAINE DE DONNEES NUMERIQUES</b> [72] PAWSON, DAVE, US [72] PORTER, MARK A., US [71] ORACLE CORPORATION, US [22] 1996-07-12 [43] 1997-02-06 [62] 2,197,323 [30] US (08/502,480) 1995-07-14</p>	<p>[21] <b>2,328,581</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04N 7/50</b> [25] EN [54] <b>METHOD FOR THE CODING OF PICTURE SIGNALS</b> [54] <b>METHODE DE CODAGE DE SIGNAUX D'IMAGERIE</b> [72] HERPEL, CARSTEN, DE [72] KEESEN, HEINZ-WERNER, DE [71] DEUTSCHE THOMSON-BRANDT GMBH, DE [22] 1992-04-14 [43] 1992-10-26 [62] 2,108,778 [30] DE (P 41 13 505.9) 1991-04-25</p>	

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DEERE & COMPANY	2,298,988	FORDE, PETER	2,279,741	HAYES, CHRISTOPHER J.	2,284,112
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HOSHINO, TATSUYUKI	2,314,558	KIM, HYUN BOK KIM, SUN YEOU	2,312,076 2,312,076	LUCENT TECHNOLOGIES INC.	2,314,777
HSIEH, TAR-HWA	2,279,691	KIMBERLY-CLARK WORLDWIDE, INC.	2,313,378	LUCENT TECHNOLOGIES INC.	2,314,851
HUANG, JUN	2,279,652	KINGHAM, JAMES KITAMURA, NOBUHIRO	2,315,339 2,310,292	LUCENT TECHNOLOGIES INC.	2,314,852
HUANG, JUN	2,279,728	KLAG, JAMES P. KNOX, WAYNE HARVEY	2,315,336 2,314,853	LUCENT TECHNOLOGIES INC.	2,314,853
HUANG, JUN	2,279,803	KOIZUMI, SATOSHI KOLMES, NATHANIEL H.	2,315,512 2,310,388	LUCENT TECHNOLOGIES INC.	2,314,854
HUANG, JUN	2,301,433	KONRAD, ARMIN KORSON, JAMES	2,314,649 2,285,498	LUCENT TECHNOLOGIES INC.	2,314,944
HUANG, JUN	2,311,410	KOTTWITZ, BEATRIX KOTTWITZ, BEATRIX	2,315,136 2,315,341	LUCENT TECHNOLOGIES INC.	2,314,949
HUANG, JUN	2,315,571	KOYO INDUSTRY CO., LTD. KRAMPL, DAVID	2,297,205 2,315,286	LUCENT TECHNOLOGIES INC.	2,315,317
HUANG, YISHAO MAX	2,313,583	KRBEC, MARIANNE L. KUDU INDUSTRIES INC.	2,313,590 2,315,730	LUCENT TECHNOLOGIES INC.	2,315,352
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DRUCKMASCHINEN AG	2,316,020	MOSHER, ROBERT F., II	2,315,526	PARKER, PAUL DAVID	2,298,819
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DRUCKMASCHINEN AG	2,316,097	MURATA, YUKIHIRO	2,310,292	PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE	
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DRUCKMASCHINEN AG	2,316,099	MUYS, WOUTERUS	2,314,854	PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE	
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MAZZONE, MARIA GRAZIA	2,315,594	NOVATECH SA.	2,301,898	POWER MEASUREMENT LTD.	2,300,256
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RAVENSBERGEN, JOHN EDWARD	2,314,856	SNAMPROGETTI S.P.A.	2,314,799	TEACHMAN, MICHAEL E.	2,299,043
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ROCKWELL ELECTRONIC COMMERCE CORPORATION	2,311,188	SPECIALTY SPORTS LIMITED	2,284,114	THE GOODYEAR TIRE & RUBBER COMPANY	2,311,693
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ABBOTT LABORATORIES	2,329,250	ANDERSSON, MARIE-LOUISE	2,327,522	AYBAY, GUNES	2,328,987
ABE, JUN'ICHI	2,328,900	ANDO, TAKASHI;	2,329,319	AYDIN, RAHIM	2,328,200
ACKERMANN, KARL-AUGUST	2,329,210	ANDO, YASUOMI	2,329,178	BADRI, SABAH	2,328,169
ADDISON, DEBORAH	2,328,424	ANGELL, ADRIAN JOHN		BADRI, SABAH	2,328,171
ADHEREX TECHNOLOGIES, INC.	2,327,530	WAYNFORTH	2,329,243	BADRI, SABAH	2,328,174
ADHEREX TECHNOLOGIES, INC.	2,328,112	ANGIOGENIX INCORPORATED	2,329,010	BAILEY, KEVIN DOUGLAS	2,328,918
ADVANCED POLYMER SYSTEMS, INC.	2,328,945	ANTHON, DOUGLAS W.	2,329,089	BAILEY, MATTHEW A.	2,329,056
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AGENCZA PODGORZE S.C.	2,329,083	AOKI, SHINJI	2,328,154	BALLARD, FRANCIS JOHN	2,328,463
AGENT SYSTEMS, INC.	2,328,149	APFEL, HEIKO	2,329,057	BALLARD, STEPHEN GWYN	2,329,253
AGENT SYSTEMS, INC.	2,328,198	APHTON CORPORATION	2,327,439	BAMDAD, CYNTHIA	2,327,525
AGOSTINO, MICHAEL J.	2,327,457	ARCARIS, INC.	2,329,016	BARRAL-CADIERE, SOPHIE	2,328,298
AGOUBON		ARIZONA BOARD OF REGENTS	2,328,400	BARRETT, CHRISTOPHER PAUL	2,328,996
PHARMACEUTICALS, INC.	2,328,494	ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA	2,329,056	BARTH, THOMAS	2,329,064
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AIES CO., LTD.	2,318,761	ARMSTRONG, JOSEPH R.	2,329,213	BASF AKTIENGESELLSCHAFT	2,328,396
AJINOMOTO CO., INC.	2,328,357	ARNOLD, JOHN E., JR.	2,329,033	BASF AKTIENGESELLSCHAFT	2,328,430
AKZO NOBEL N.V.	2,328,059	ARNOLD, WILLIAM	2,328,428	BASF AKTIENGESELLSCHAFT	2,328,435
AKZO NOBEL N.V.	2,329,027	ARROWSWIFT, INC.	2,328,969	BASF AKTIENGESELLSCHAFT	2,328,438
AKZO NOBEL N.V.	2,329,028	ARTHUR, SAMUEL DAVID	2,328,846	BASF AKTIENGESELLSCHAFT	2,328,720
AKZO NOBEL N.V.	2,329,191	ARTICARE AS	2,329,254	BASF AKTIENGESELLSCHAFT	2,328,952
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ALTEA TECHNOLOGIES, INC.	2,329,167	ASTRAZENECA AKTIEBOLAG	2,327,522	BAUSCH & LOMB INCORPORATED	2,328,898
ALTEA TECHNOLOGIES, INC.	2,329,169	ATELIER BUSCH S.A.	2,328,718	BAUSCH & LOMB INCORPORATED	2,329,534
ALUMINIUM PECHINEY	2,328,768	ATLAS COPCO ROCK DRILLS AB	2,329,533	BAUSCH & LOMB INCORPORATED	2,329,537
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BOGDANOV, ALEXEI	2,328,136	BURKHOLDER, TIMOTHY P.	2,329,075	CIBA SPECIALTY CHEMICALS	
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LTD.	2,329,035	BUTCHER, LAWRENCE L.	2,329,034	CLAYTON, SHAWN A.	2,329,542
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PROTECTION GROUP INC.	2,328,450	GALLILY, RUTH	2,328,368	INC.	2,328,999
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FISCHER, MARTIN	2,328,952	GENE LOGIC, INC.	2,326,827	GRAEF, ERWIN	2,328,876
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KEATING, KEVIN	2,328,958	KOVESDI, IMRE	2,328,462	LEE, YOON S.	2,326,825
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