

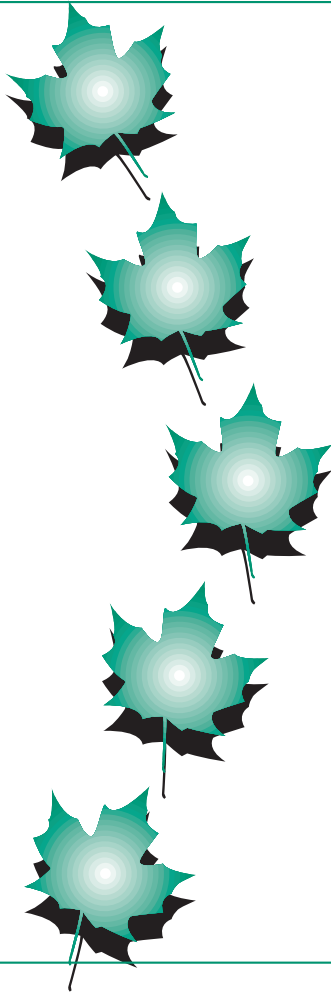


**Canadian  
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d'Industrie Canada



**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

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Vol. 128, N° 35 le 29 août 2000

**Canada**



# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

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

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

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### Avis important aux abonnés

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

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

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

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## Notices

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

#### Dates

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

#### Code Numerals

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

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

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

## Avis

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

#### Dates

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

#### Chiffres de code

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

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

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

## 2. Country Codes

A complete list of country codes has been published in the April 25, 2000 issue of the Canadian Patent Office Record and will be published twice a year in the last issues of April and October.

## 3. Canadian Class Titles

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

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

## 4. Class Schedules and Definitions

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

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

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

### A) Paper Copies

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

## 2. Codes des pays

Une liste complète des codes de pays a été publiée dans le numéro du 25 avril 2000 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

## 3. Liste des classes canadiennes

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

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

## 4. Listes et définitions des classes

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

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### A) Copies sur papier

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## Notices

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

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

E-mail: tic@micromedia.on.ca

### B) Microform Copies

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

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

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

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

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

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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 :

none

### **11. Expired Patents**

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,153,150 which issued on August 29, 1983 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

### **12. Laid-Open Applications**

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

### **13. Language of Published Documents**

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

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

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

aucun

### **11. Brevets expirés**

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 29 août 1983 sont maintenant expirés, jusque et y compris le no. 1,153,150. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

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

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

### **13. Langue du document publié**

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



## Avis

### 14. Patent Cooperation Treaty (PCT)

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

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

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

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

**4. International Search Fee** 1,353.00  
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

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

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

#### **Preliminary Examination**

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

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

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

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

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

**4. Taxe de recherche internationale** 1 353,00  
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.

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

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

#### **Examen préliminaire**

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

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

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

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

## Notices

### 15. PCT Notices

#### **PCT Signature Requirements**

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

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

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

### 15. Avis PCT

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

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

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

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

## Avis

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If you have any objections as to the reproduction of one of the Canadian patents listed in "Table I", please contact either of the following people prior to September 26, 2000.

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50, rue Victoria  
Hull (Québec)  
K1A 0C9

**Table 1**

Patent	Title	Inventor / Owner
345610	Table Top Hockey Game	Munro et al.
215654	Variable Pitch Propeller	W.R. Turnbull
294435	Goal Pads	E. Knischewoky
110405	Screw Driver	P.L. Robertson
232995	Hair Tonic	E. Poirier et al.
175717	Winter Cap	J.C. Coulson
199520	Gum Rubber Show	C.L. Grant
362353	Combination Overshoes and over Stocking	M. Pilkington

We thank you in advance for your cooperation.

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Si vous avez des objections quant à la reproduction d'un des brevets identifiés dans le "Tableau I", s'il vous plaît vous adressez à l'une ou l'autre des personnes suivantes avant le 26 septembre 2000.

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**Tableau 1**

Brevet	Titre	Inventeur / Propriétaire
345610	Jeu de hockey sur table	Munro et al.
215654	Hélice à pas variable	W.R. Turnbull
294435	Jambières de gardien de but	E. Knischewoky
110405	Tournevis	P.L. Robertson
232995	Tonique pour le cuir chevelu	E. Poirier et al.
175717	Casquette d'hiver	J.C. Coulson
199520	Soulier de caoutchouc	C.L. Grant
362353	Combinaison couvre-chaussure et couvre-bas	M. Pilkington

Nous vous remercions à l'avance de votre collaboration.

## Notices

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

The Patent Office Record of August 29, 2000 contains laid-open applications from August 6, 2000 - August 12, 2000 .

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

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 6 août 2000 - 12 août 2000.

## Avis

# Canadian Patents Issued

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[13] C

[52] 195-1.22 167-103.33 167-139 195-1.235  
195-1.35 195-39.1 195-78 530-13.00  
[51] **Int.Cl. 6C12N 15/12 6C12N 5/10  
6C12N 1/21 6C07K 19/00 6C07K 14/435  
6C07K 1/26 6A61K 38/16**  
[25] EN  
[54] **VAMPIRE BAT PLASMINOGEN  
ACTIVATORS**  
[54] **ACTIVATEURS DU  
PLASMINOGENE SALIVAIRE DE  
CHAUVE-SOURIS VAMPIRES**  
[72] Duong, Le Thi, US  
[72] Friedman, Paul A., US  
[72] Gardell, Stephen J., US  
[72] Jacobs, John W., US  
[72] Dixon, Richard A. F., US  
[72] Mark, George E., US  
[72] Daugherty, Bruce L., US  
[73] SCHERING AG, DE  
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[22] 1989-07-20  
[30] US (221,697) 1988-07-20  
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[13] C

[51] **Int.Cl. 5C08G 69/14 5C08L 33/24  
5C07D 211/76**  
[25] EN  
[54] **MELT-PROCESSIBLE AROMATIC  
POLYAMIDES**  
[54] **POLYAMIDES AROMATIQUES  
TRANSFORMABLES A CHAUD**  
[72] Singh, Gurdial, US  
[73] DU PONT (E. I.) DE NEMOURS AND  
COMPANY, US  
[22] 1989-10-13  
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[13] C

[51] **Int.Cl. 5B07B 1/50**  
[25] EN  
[54] **RIDDLING DEVICES OF URBAN  
SOLID GABAGE**  
[54] **DISPOSITIFS DE CRIBLAGE POUR  
DECHETS URBAINS SOLIDES**  
[72] Cerroni, Manlio, IT  
[73] Impresa A. Cecchini & C. S.r.l., IT  
[22] 1989-10-16  
[30] IT (48456 A/88) 1988-10-14

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[11] **2,002,053**  
[13] C

[51] **Int.Cl. 5H04N 11/02**  
[25] EN  
[54] **HYBRID DPCM CODEC FOR  
COMPOSITE COLOR TELEVISION  
SIGNALS**  
[54] **CODEC MDIC HYBRIDE POUR  
SIGNAUX COMPOSITES DE  
TELEVISION EN COULEURS**  
[72] Sharpe, Randall B., US  
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[22] 1989-11-02  
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[11] **2,002,405**  
[13] C

[51] **Int.Cl. 6A61F 7/00**  
[25] EN  
[54] **METHOD OF AND APPARATUS  
FOR INCREASED TRANSFER OF HEAT  
INTO OR OUT OF A BODY**  
[54] **METHODE ET DISPOSITIF POUR  
ACCROITRE LE TRANSFERT  
THERMIQUE BI-SENS ENTRE LE  
CORPS D'UNE PERSONNE ET UN  
SYSTEME EXTERNE**  
[72] Campbell, William Patrick, US  
[73] Campbell, William Patrick, US  
[22] 1989-11-07  
[30] US (07/268,858) 1988-11-08

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[13] C

[51] **Int.Cl. 5G01V 1/28**  
[25] FR  
[54] **METHODE ET DISPOSITIF  
D'ACQUISITION ET DE TRAITEMENT  
DE SIGNAUX OBTENUS DANS DES  
PUITS ET NOTAMMENT DANS DES  
PUITS HORIZONTAUX**  
[54] **METHOD AND APPARATUS TO  
RECEIVE AND TRANSMIT SIGNALS IN  
WELLS, ESPECIALLY HORIZONTAL  
WELLS**  
[72] Mari, Jean-Luc, FR  
[73] L'INSTITUT FRANCAIS DU  
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[22] 1989-11-28  
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[13] C

[51] **Int.Cl. 5D01F 1/04**  
[25] EN  
[54] **STAIN-RESISTANT, PIGMENTED  
NYLON FIBERS AND PROCESSES FOR  
MAKING SUCH FIBERS**  
[54] **FIBRES DE NYLON PIGMENTE,  
RESISTANT AUX TACHES; PROCEDE  
DE FABRICATION DE CES FIBRES**  
[72] Anton, Anthony, US  
[72] Witt, Peter R., US  
[72] Sauerbrunn, Linda H., US  
[72] Scholler, Diane M., US  
[72] Parmelee, William P., US  
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[51] **Int.Cl. 5C08G 65/28 5C09D 171/00**  
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PROCESS FOR PREPARING THE SAME**  
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METHODE DE PREPARATION**  
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[22] 1989-12-14  
[30] GB (8830176) 1988-12-23

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[51] **Int.Cl. 5F16L 13/00**  
[25] EN  
[54] **ELECTROFUSION JOINT AND  
HOT WATER SUPPLY HEADER USING  
THE SAME**  
[54] **JOINT PRODUIT PAR  
ELECTROFUSION ET BALLON  
D'ALIMENTATION EN EAU CHAUDE  
UTILISANT CE PROCEDE**  
[72] Nakashiba, Akio, JP  
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[30] JP (1-75955) 1989-03-28  
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[11] **2,007,710**  
[13] C  
[51] **Int.Cl. 5A61B 5/02 5A61B 5/0402  
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[54] **EXERCISE MONITORING  
SYSTEM**  
[54] **SYSTEME DE CONTROLE  
D'EXERCICE**  
[72] Begun, Semi J., US  
[72] Haner, Lambert, US  
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[73] Scott Fetzer Company (The), US  
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[13] C  
[51] **Int.Cl. 5C23F 11/14**  
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[54] **USE OF AMINODIOL AS AN  
ANTICORROSIVE FOR A VAPOR/  
CONDENSED WATER SYSTEM AND  
PROCESS FOR INHIBITING THE  
CORROSION OF SUCH A SYSTEM**  
[54] **EMPLOI D'AMINODIOL EN TANT  
QU'ANTICORROSIF POUR SYSTEME  
DE VAPEUR/EAU CONDENSEE ET  
PROCEDE D'INHIBITION DE  
CORROSION DANS UN TEL SYSTEME**  
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[22] 1990-01-25  
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[51] **Int.Cl. 5C08J 9/06 5C11D 7/50**  
[25] EN  
[54] **C3 TO C5 POLYFLUOROALKANES  
PROPELLANTS**  
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POLYFLUOROALCANES**  
[72] Lamberts, Wilhelm, DE  
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[72] Marhold, Albrecht, DE  
[72] Negele, Michael, DE  
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DE  
[22] 1990-02-02  
[30] DE (P 39 03 336.8) 1989-02-04

[11] **2,009,994**  
[13] C  
[51] **Int.Cl. 6F16L 55/04**  
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[54] **DISPOSITIF DE PRESSURISATION**  
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[22] 1990-02-14  
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[11] **2,010,164**  
[13] C  
[51] **Int.Cl. 5A61K 47/48 6C07K 16/30  
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[25] EN  
[54] **ANTHRACYCLINE  
IMMUNOCONJUGATES HAVING A  
NOVEL LINKER AND METHODS FOR  
THEIR PRODUCTION**  
[54] **IMMUNOCONJUGATS  
D'ANTHRACYCLINE ET METHODE  
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[11] **2,010,275**  
[13] C  
[51] **Int.Cl. 5C12N 15/12 5C12N 1/00  
6C07K 5/04 6C07K 7/04 6C07K 14/705**  
[25] EN  
[54] **PANCREATIC ISLET CELL  
ANTIGENS OBTAINED BY  
MOLECULAR CLONING**  
[54] **ANTIGENES DE CELLULES DES  
ILOTS PANCREATIQUES OBTENUS  
PAR CLONAGE MOLECULAIRE**  
[72] Rabin, Daniel, US  
[73] BAYER CORPORATION, US  
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[51] **Int.Cl. 5G09G 3/00**  
[25] FR  
[54] **APPAREIL ELECTRIQUE  
D'AUTOMATISME A SIGNALISATION  
D'ETAT**  
[54] **AUTOMATIC ELECTRICAL  
APPARATUS WITH STATUS  
INDICATOR**  
[72] Rundsztuk, Marek, FR  
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[54] **2,5,6,7-TETRANOR-4,8-INTER-M-PHENYLENE PGI 2 DERIVATIVES**  
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[72] Ohno, Kiyotaka, JP  
[72] Endoh, Takashi, JP  
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[72] Hoshi, Kazuhiro, JP  
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[22] 1990-03-13  
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[51] **Int.Cl. 5C07D 211/32 5C07D 487/04 5C07D 513/04 5C07D 401/06 5C07D 403/06 5C07D 405/12 5C07D 401/14 5A61K 31/395**  
[25] FR  
[54] **NOUVEAUX DERIVES FLUORO-4 BENZOIQUES, LEURS PROCEDES DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**  
[54] **NEW FLUORO-4 BENZOIC DERIVATIVES, PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**  
[72] Colpaert, Francis, FR  
[72] Lavielle, Gilbert, FR  
[72] Laubie, Michel, FR  
[73] ADIR ET COMPAGNIE, FR  
[22] 1990-03-20  
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[13] C

[51] **Int.Cl. 5E21B 47/00**  
[25] FR  
[54] **METHODE ET DISPOSITIF DE DIAGRAPHIE DE PRODUCTION EN Puits ERUPTIF**  
[54] **METHOD AND DEVICE FOR PRODUCTION LOGGING IN FLOWING WELL**  
[72] Lessi, Jacques, FR  
[73] L'INSTITUT FRANCAIS DU PETROLE, FR  
[22] 1990-03-22  
[30] FR (89/03.886) 1989-03-22

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[11] **2,012,927**  
[13] C

[51] **Int.Cl. 5C07F 9/6558**  
[25] EN  
[54] **REMOVAL OF THIAMINE MONOPHOSPHATE FROM A SOLUTION OF THIAMINE PHOSPHATES**  
[54] **ELIMINATION DU MONOPHOSPHATE DE THIAMINE D'UNE SOLUTION DE PHOSPHATES DE THIAMINE**  
[72] Dobler, Walter, DE  
[72] Paust, Joachim, DE  
[72] Schul, Wolfgang, DE  
[72] Mitschker, Alfred, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[22] 1990-03-23

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[11] **2,013,429**  
[13] C

[51] **Int.Cl. 5A61K 7/021 5A61K 7/043 5A61K 7/13**  
[25] EN  
[54] **COLORED COSMETIC COMPOSITIONS**  
[54] **COSMETIQUES COLORES**  
[72] Peters, David W., US  
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[73] Estee Lauder Inc., US  
[22] 1990-03-29  
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[11] **2,015,687**  
[13] C

[51] **Int.Cl. 5C12N 15/62 6C07K 19/00 5C12P 21/02 5C12N 1/21 6C07K 14/49 6C07K 14/495 6C07K 14/73 6C07K 14/755 6C07K 14/765 6C07K 14/81**  
[25] EN  
[54] **HUMAN SERUM ALBOMIN FUSION POLYPEPTIDE**  
[54] **POLYPEPTIDE DE FUSION D'ALBUMINE HUMAINE**  
[72] Ballance, David J., GB  
[73] Delta Biotechnology Limited, GB  
[22] 1990-04-27  
[30] GB (GB 8909916.2) 1989-04-29

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[11] **2,016,539**  
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[51] **Int.Cl. 5C09D 11/00**  
[25] EN  
[54] **DIARYLIDE/DISAZO PYRAZOLONE PIGMENT COMPOSITIONS**  
[54] **PIGMENTS A BASE DE DIARYLIDE/DIAZOPYRAZOLONE**  
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[72] Gregorio Manuel Z., US  
[72] Schwartz, Russell J., US  
[73] Sun Chemical Corporation, US  
[22] 1990-05-11  
[30] US (07/356,045) 1989-05-23  
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[13] C

[51] **Int.Cl. 5C07F 9/30 5A61K 31/66**  
[25] EN  
[54] **SUBSTITUTED AMINOALKYLPHOSPHINIC ACIDS**  
[54] **ACIDES AMINOALKYLPHOSPHINIQUES SUBSTITUES**  
[72] Hall, Roger Graham, GB  
[72] Frostl, Wolfgang, CH  
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[22] 1990-05-11  
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[13] C

[51] **Int.Cl. 5A21C 9/00 5A21C 5/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR DIVIDING AND CUTTING DOUGH AND THE LIKE**  
[54] **APPAREIL ET METHODE POUR SEPARER ET COUPER DE LA PATE ET D'AUTRES PRODUITS DU GENRE**  
[72] Cummins, Donald L., US  
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[22] 1990-05-30  
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[13] C  
[51] **Int.Cl. 5A01N 37/10**  
[25] EN  
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[54] **AGENTS HERBICIDES LIQUIDES**  
[72] Schumacher, Hans, DE  
[72] Heinrich, Rudolf, DE  
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[73] HOECHST AKTIENGESELLSCHAFT, DE  
[22] 1990-06-01  
[30] DE (P 39 17 959.1) 1989-06-02

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[11] **2,018,704**  
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[51] **Int.Cl. 5C07D 231/28 5A01N 43/56**  
[25] EN  
[54] **N-PHENYLPYRAZOLE DERIVATIVES**  
[54] **DERIVES DE 1-PHENYLPYRAZOLE**  
[72] Roberts, David Alan, GB  
[72] McGuire, Ross, GB  
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[22] 1990-06-11  
[30] GB (89 13866) 1989-06-16

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[11] **2,019,725**  
[13] C  
[51] **Int.Cl. 5H04N 17/00**  
[25] EN  
[54] **CALIBRATION SYSTEM AND METHOD FOR COLOR IMAGE SCANNING**  
[54] **SYSTEME ET METHODE D'ETALONNAGE POUR L'ANALYSE D'IMAGE EN COULEURS**  
[72] Smyth, William K., US  
[73] POLAROID CORPORATION, US  
[22] 1990-06-25  
[30] US (398,897) 1989-08-28

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[11] **2,020,660**  
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[51] **Int.Cl. 5A01N 25/30 5A01N 25/02**  
[25] EN  
[54] **DEFOAMER FOR LIQUID WETTING AGENTS AND LOW-FOAM LIQUID PLANT PROTECTION AGENTS**  
[54] **ANTIMOISSANT POUR AGENTS DE MOUILLAGE LIQUIDES ET AGENTS LIQUIDES PEU MOUSSANTS DE PROTECTION DES PLANTES**  
[72] Kocur, Jean, DE  
[72] Albrecht, Konrad, DE  
[73] HOECHST SCHERING AGREVO GMBH, DE  
[22] 1990-07-06  
[30] DE (P 39 22 500.3) 1989-07-08  
[30] DE (P 40 19 084.6) 1990-06-15

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[11] **2,027,489**  
[13] C  
[51] **Int.Cl. 5A61B 17/32**  
[25] EN  
[54] **ENDOLUMINAL TISSUE EXCISION CATHETER SYSTEM**  
[54] **SYSTEME DE CATHETER POUR L'EXCISION DE TISSU ENDOLUMINAL**  
[72] Fischell, Robert E., US  
[72] Fischell, Tim A., US  
[73] Fischell, Robert E., US  
[73] Fischell, Tim A., US  
[22] 1990-10-12  
[30] US (447,187) 1989-12-07

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[11] **2,028,399**  
[13] C  
[51] **Int.Cl. 5C10M 133/18 5C10M 135/00 5C10M 137/00 5C10M 139/00**  
[25] EN  
[54] **GEAR OILS AND ADDITIVES THEREFOR**  
[54] **HUILES A ENGRENAGE ET ADDITIFS POUR CES HUILES**  
[72] Norman, Stephen, US  
[72] Conary, Gregory S., US  
[73] Ethyl Petroleum Additives, Inc., US  
[22] 1990-10-24  
[30] US (434,266) 1989-11-13

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[11] **2,031,481**  
[13] C  
[51] **Int.Cl. 5H01H 33/91 5H01H 33/22**  
[25] EN  
[54] **GAS-INSULATED THREE-POLE HIGH-VOLTAGE SWITCH**  
[54] **COMMUTATEUR TRIPOLAIRE HAUTE TENSION ISOLE AU GAZ**  
[72] Abad, Dominique, FR  
[72] Balsarin, Gabriel, FR  
[72] Canovas, Diègo, FR  
[72] Chevalier, Francis, FR  
[72] Pettier, Claude, FR  
[73] MERLIN GERIN, FR  
[22] 1990-12-04  
[30] FR (8916592) 1989-12-13

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[11] **2,032,183**  
[13] C  
[51] **Int.Cl. 5H05B 6/12**  
[25] EN  
[54] **RAPID HEATING, UNIFORM, HIGHLY EFFICIENT GRIDDLE**  
[54] **GRIL A CHAUFFE RAPIDE ET UNIFORME, ET A EFFICACITE ENERGETIQUE ELEVEE**  
[72] Dickens, David, US  
[72] Taylor, James M., US  
[72] Mandelbaum, Fern, US  
[72] Doljack, Frank A., US  
[73] Metcal, Inc., US  
[22] 1990-12-13  
[30] US (07/480,895) 1990-02-16

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[11] **2,032,272**  
[13] C  
[51] **Int.Cl. 5B29C 47/00 5B29C 55/12 5C08F 210/14**  
[25] EN  
[54] **IMPROVED HEAT SHRINKABLE POLYOLEFIN FILM**  
[54] **PELLICULE DE POLYOLEFINE THERMORETRACTABLE**  
[72] Snyder, John Douglas, US  
[73] DU PONT (E. I.) DE NEMOURS AND COMPANY, US  
[22] 1990-12-14  
[30] US (451,977) 1989-12-18  
[30] US (592,707) 1990-10-10

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[11] **2,033,368**  
[13] C

[51] **Int.Cl. 5H01R 4/00**  
[25] FR  
[54] **ENSEMBLE PERMETTANT UNE LIAISON ELECTRIQUE A TRAVERS UNE CONDUITE FORMEE DE PLUSIEURS ELEMENTS**  
[54] **ASSEMBLY FOR ELECTRICAL CONNECTION THROUGH A MULTI-ELEMENT DUCT**  
[72] Morin, Pierre, FR  
[72] Sonnet, Alain, FR  
[73] L'INSTITUT FRANCAIS DU PETROLE, FR  
[22] 1990-12-28  
[30] FR (89/17.480) 1989-12-29

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[11] **2,034,411**  
[13] C

[51] **Int.Cl. 5H04B 7/26**  
[25] FR  
[54] **PROCEDE DE TRANSFERT DE COMMUNICATION DANS UN RESEAU DE RADIOTELEPHONIE**  
[54] **COMMUNICATION TRANSFER METHOD FOR A RADIOTELEPHONE NETWORK**  
[72] Issenmann, Edouard, FR  
[72] Reysset, Jean, FR  
[73] ALCATEL CIT, FR  
[22] 1991-01-17  
[30] FR (90 00 563) 1990-01-18

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[11] **2,034,487**  
[13] C

[51] **Int.Cl. 5C12N 15/62 6C07K 19/00 5C12P 21/02 5C12N 1/15 5C12N 9/34**  
[25] EN  
[54] **DNA SEQUENCES, VECTORS, AND FUSION POLYPEPTIDES TO INCREASE SECRETION OF DESIRED POLYPEPTIDES FROM FILAMENTOUS FUNGI**  
[54] **SEQUENCES D'ADN, VECTEURS ET POLYPEPTIDES DE FUSION POUR ACCROITRE LA SECRETION DES POLYPEPTIDES DESIRES DES CHAMPIGNONS FILAMENTEUX**  
[72] Lawlis, Virgil B., US  
[73] Genencor International, Inc., US  
[85] 1991-02-15  
[86] 1990-06-14 (PCT/US90/03272)  
[87] (WO90/15860)  
[30] US (369,698) 1989-06-16

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[11] **2,035,099**  
[13] C

[51] **Int.Cl. 5H04M 7/00**  
[25] EN  
[54] **METHOD AND CONFIGURATION FOR FORMING A LINE TERMINATION OF A TELEPHONE LINE**  
[54] **METHODE DE FORMATION D'UNE TERMINAISON DE LIGNE TELEPHONIQUE ET CONFIGURATION CONNEXE**  
[72] Dielacher, Franz, AT  
[72] Wallnberger, Gerald, AT  
[72] Formanek, Karl, AT  
[73] SIEMENS AKTIENGESELLSCHAFT, DE  
[22] 1991-01-28  
[30] EP (90101719.4) 1990-01-29

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[11] **2,035,708**  
[13] C

[51] **Int.Cl. 5G11B 5/00 5G11B 7/00**  
[25] EN  
[54] **REPRODUCING APPARATUS FOR VIDEO SIGNAL**  
[54] **APPAREIL DE LECTURE DE SIGNAUX VIDEO**  
[72] Tanaka, Souichi, JP  
[73] SONY CORPORATION, JP  
[22] 1991-02-05  
[30] JP (025151/90) 1990-02-06

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[11] **2,035,832**  
[13] C

[51] **Int.Cl. 5C07D 277/34 5C07D 417/12 5A61K 31/425**  
[25] EN  
[54] **THIAZOLIDINE DERIVATIVES WITH ANTI-DIABETIC ACTIVITY, THEIR PREPARATION AND THEIR USE**  
[54] **DERIVES DE THIAZOLIDINE AYANT UNE ACTIVITE ANTI-DIABETIQUE, PREPARATION ET UTILISATION**  
[72] Yoshioka, Takao, JP  
[72] Fujita, Takashi, JP  
[72] Kanai, Tsutomu, JP  
[72] Nakamura, Kanichi, JP  
[72] Hirikoshi, Hiroyoshi, JP  
[72] Sasahara, Kunihiko, JP  
[72] Kinoshita, Takeshi, JP  
[73] SANKYO COMPANY, LIMITED, JP  
[22] 1991-02-06  
[30] JP (2-28023) 1990-02-07

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[11] **2,036,053**  
[13] C

[51] **Int.Cl. 5A01F 29/00**  
[25] EN  
[54] **BALE RIPPER AND CONVEYOR**  
[54] **BRISE-BALLES ET SYSTEME DE CONVOYEUR**  
[72] Whittleton, David, CA  
[72] Burton, Leslie, CA  
[73] Whittleton, David, CA  
[73] Burton, Leslie, CA  
[22] 1991-02-08

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[11] **2,036,700**  
[13] C

[51] **Int.Cl. 5C09K 19/38 5C09K 19/10 5G02F 1/133 5C09K 19/14**  
[25] EN  
[54] **PROCESS OF PREPARING COMPOSITIONS HAVING MULTIPLE ORIENTED MESOGENS AND LIQUID CRYSTAL POLYMER FILMS AND FIBERS WITH ALIGNED MULTIPLE ORIENTATION**  
[54] **PROCEDE DE PREPARATION DE COMPOSITIONS A COMPOSES MESOGENES A ORIENTATIONS MULTIPLES ET PELLICULES ET FIBRES DE POLYMERES A CRISTAUX LIQUIDES AYANT DES ORIENTATIONS MULTIPLES DESIGNEES**  
[72] Shannon, Paul J., US  
[72] Sun, Shao-Tang, US  
[72] Swetlin, Brian J., US  
[73] ELSICON, INC., US  
[22] 1991-02-20  
[30] US (490,115) 1990-03-07  
[30] US (605,724) 1990-10-29

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[11] **2,037,496**  
[13] C

[51] **Int.Cl. 5B65D 41/28 5B65D 47/08**  
[25] EN  
[54] **PLASTIC SNAP HINGE WITH A FLEXIBLE ELEMENT GENERATING THE SNAP ACTION**  
[54] **CHARNIERE A PRESSION EN PLASTIQUE COMPOSEE D'UN ELEMENT SOUPLE CAPABLE DE TRANSMETTRE LA PRESSION EXERCEE**  
[72] Dubach, Werner Fritz, CH  
[73] CREATECHNIC AG, CH  
[22] 1991-03-04  
[30] CH (00785/90) 1990-03-12

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[11] **2,038,091**  
[13] C

[51] **Int.Cl. 5F42B 10/66**  
[25] FR  
[54] **SYSTEME POUR LE PILOTAGE  
D'UN MISSILE AU MOYEN DE  
TUYERE LATERALES**  
[54] **MISSILE GUIDING SYSTEM  
USING SIDE EXHAUST NOZZLES**  
[72] Morgand, Jean-Pierre, FR  
[73] Société Anonyme dite: Aérospatiale  
Société Industrielle, FR  
[22] 1991-03-11  
[30] FR (90 03252) 1990-03-14

[11] **2,038,501**  
[13] C

[51] **Int.Cl. 5B41N 10/04**  
[25] EN  
[54] **PRINTER'S BLANKET**  
[54] **BLANCHET D'IMPRESSION**  
[72] Burns, Alonzo Merrit, Jr., US  
[73] MILLIKEN & COMPANY, US  
[22] 1991-03-18  
[30] US (529,318) 1990-05-29

[11] **2,039,280**  
[13] C

[51] **Int.Cl. 5H02P 7/28**  
[25] EN  
[54] **APPARATUS FOR CONTROLLING  
AN ELECTRIC MOTOR**  
[54] **CONTROLEUR DE MOTEUR  
ELECTRIQUE**  
[72] Lombardi, Steven A., US  
[72] Marasch, Richard D., US  
[73] ALLEN-BRADLEY COMPANY INC.,  
US  
[22] 1991-03-27  
[30] US (518,352) 1990-05-03

[11] **2,040,068**  
[13] C

[51] **Int.Cl. 5C07D 239/52 5A01N 47/36**  
[25] EN  
[54] **1-{-0-  
(CYCLOPROPYLCARBONYL)  
PHENYL|SULFAMOYL}-3-(4,6-  
DIMETHOXY-2-PYRIMIDINYL) UREA  
AND METHOD FOR THE  
PREPARATION THEREOF**  
[54] **PHENYL|SULFAMOYL}-3-(4,6-  
DIMETHOXY-2-PYRIMIDINYL) UREE  
ET SA METHODE DE PREPARATION**  
[72] Brady, Thomas Eugene, US  
[72] Condon, Michael Edward, US  
[72] Marc, Pierre Antoine, US  
[73] AMERICAN CYANAMID  
COMPANY, US  
[22] 1991-04-09  
[30] US (07/542,564) 1990-06-22

[11] **2,040,073**  
[13] C

[51] **Int.Cl. 5H01H 85/044**  
[25] EN  
[54] **LOW AMPERAGE MICROFUSE**  
[54] **MICROFUSIBLE A FAIBLE  
INTENSITE DE COURANT**  
[72] Cook, James William, US  
[72] Evans, Terrence John, US  
[73] COOPER INDUSTRIES, INC., US  
[22] 1991-04-09  
[30] US (07/510,361) 1990-04-16

[11] **2,041,530**  
[13] C

[51] **Int.Cl. 5E05D 7/10 5E05D 7/00**  
[25] EN  
[54] **BASE WITH ADJUSTABLE  
ELEMENTS FOR A HINGE WING**  
[54] **BASE A ELEMENTS REGLABLES  
POUR LAME DE CHARNIERE**  
[72] Migli, Carlo, IT  
[72] Ferrari, Franco, IT  
[73] Ferrari, Franco, IT  
[22] 1991-04-30  
[30] IT (21161 B/90) 1990-05-11

[11] **2,043,161**  
[13] C

[51] **Int.Cl. 5H02K 41/02**  
[25] EN  
[54] **VOICE COIL TYPE ACTUATOR**  
[54] **ACTIONNEUR A BOBINE MOBILE**  
[72] Sakamoto, Satoshi, JP  
[73] SONY CORPORATION, JP  
[22] 1991-05-23  
[30] JP (P135993/90) 1990-05-25  
[30] JP (P412983/90) 1990-12-25

[11] **2,043,558**  
[13] C

[51] **Int.Cl. 5H01H 33/78 5H01H 33/985**  
[25] EN  
[54] **ELECTRICAL CIRCUIT BREAKER  
WITH ROTATING ARC AND SELF-  
EXTINGUISHING EXPANSION**  
[54] **DISJONCTEUR AVEC CONTACT  
D'ARC TOURNANT ET DISPOSITIF DE  
SOUFFLAGE D'ARC**  
[72] Kersusan, Jean-Pierre, FR  
[72] Filiputti, Hugues, FR  
[72] Pennucci, Victor, FR  
[73] MERLIN GERIN, FR  
[22] 1991-05-30  
[30] FR (9007558) 1990-06-14

[11] **2,045,096**  
[13] C

[51] **Int.Cl. 5C10G 45/58 5C10M 101/02**  
[25] EN  
[54] **PRODUCTION OF HIGH  
VISCOSITY INDEX LUBRICANTS**  
[54] **PRODUCTION DE LUBRIFIANTS A  
INDICE ELEVE DE VISCOSITE**  
[72] Degnan, Thomas F., US  
[72] Mazzone, Dominick N., US  
[73] MOBIL OIL CORPORATION, US  
[22] 1991-06-20  
[30] US (548,701) 1990-07-05

[11] **2,045,426**  
[13] C

[51] **Int.Cl. 5G05B 23/02**  
[25] EN  
[54] **DUMP VALVE OPERATIONAL  
FAULT-DETERMINATION SYSTEM**  
[54] **DETERMINATION DE DEFAUT DE  
FONCTIONNEMENT D'UN VIDE-VITE**  
[72] Drake, John W., US  
[72] Wood, James A., US  
[73] WESTINGHOUSE AIR BRAKE  
COMPANY, US  
[22] 1991-06-25  
[30] US (07/543,504) 1990-06-25

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[11] **2,046,423**  
[13] C

[51] **Int.Cl. 5H04B 7/26**  
[25] EN  
[54] **MOBILE RADIO COMMUNICATION SYSTEM**  
[54] **SYSTEME DE RADIOCOMMUNICATION MOBILE**  
[72] Tanaka, Masayuki, JP  
[72] Ito, Koichi, JP  
[73] Kabushiki Kaisha Toshiba, JP  
[22] 1991-07-05  
[30] JP (2-179527) 1990-07-09

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[11] **2,046,803**  
[13] C

[51] **Int.Cl. 5B21B 1/30**  
[25] FR  
[54] **PROCEDE DE LAMINAGE REVERSIBLE**  
[54] **REVESIBLE REDUCTION ROLLING**  
[72] Morel, Michel, FR  
[72] Farnik, Andrzej, FR  
[73] Clecim, FR  
[22] 1991-07-11  
[30] FR (90 08910) 1990-07-12

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[11] **2,047,759**  
[13] C

[51] **Int.Cl. 5B01D 53/34 5B01J 19/08 5B01D 53/32**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR WASTE GAS TREATMENT BY MULTI-STAGE ELECTRON BEAM IRRADIATION**  
[54] **PROCEDE ET APPAREIL DE TRAITEMENT DES GAZ DE COMBUSTION PAR IRRADIATION ELECTRONIQUE MULTI-ETAGES**  
[72] Namba, Hideki, JP  
[72] Tokunaga, Okihiko, JP  
[72] Sato, Shoichi, JP  
[72] Aoki, Shinji, JP  
[72] Suzuki, Ryoji, JP  
[72] Izutsu, Masahiro, JP  
[72] Okamoto, Kyoichi, JP  
[73] Ebara Corporation, JP  
[85] 1991-08-21  
[86] 1990-12-25 (PCT/JP90/01693)  
[87] (WO91/09665)  
[30] JP (331050/1989) 1989-12-22

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[11] **2,047,337**  
[13] C

[51] **Int.Cl. 5G01F 17/00**  
[25] EN  
[54] **ENHANCED PRESSURE MEASUREMENT FLOW CONTROL SYSTEM**  
[54] **SYSTEME COMBINE AMELIORE REGULATEUR-MANOMETRE**  
[72] Kamen, Dean L., US  
[73] DEKA PRODUCTS LIMITED PARTNERSHIP, US  
[85] 1991-09-19  
[86] 1990-04-27 (PCT/US90/02321)  
[87] (WO90/13795)  
[30] US (345,387) 1989-05-01

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[11] **2,051,133**  
[13] C

[51] **Int.Cl. 5F01D 5/28**  
[25] EN  
[54] **GAS TURBINE, GAS TURBINE BLADE USED THEREFOR AND MANUFACTURING METHOD FOR GAS TURBINE BLADE**  
[54] **TURBINE A GAZ, AILETTE DE TURBINE CONNEXE ET METHODE DE FABRICATION D'AILETTES DE TURBINE A GAZ**  
[72] Yoshinari, Akira, JP  
[72] Saito, Tosiaki, JP  
[72] Iijima, Katsumi, JP  
[72] Ishida, Tadami, JP  
[72] Hashida, Ryozo, JP  
[72] Kano, Kimio, JP  
[73] HITACHI, LTD., JP  
[73] Tohoku Electric Power Co. Inc., JP  
[22] 1991-09-11  
[30] JP (2-245210) 1990-09-14

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[11] **2,049,022**  
[13] C

[51] **Int.Cl. 5B01D 53/04 5B01J 8/02 5F25B 17/08**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ACHIEVING HIGH REACTION RATES IN SOLID-GAS REACTOR SYSTEMS**  
[54] **METHODE ET DISPOSITIF POUR L'OBTENTION DE REACTIONS RAPIDES DANS UN REACTEUR A REACTIFS SOLIDE ET GAZEUX**  
[72] Rockenfeller, Uwe, US  
[73] ROCKY RESEARCH, US  
[85] 1991-09-06  
[86] 1990-03-02 (PCT/US90/01171)  
[87] (WO90/10491)  
[30] US (320,562) 1989-03-08

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[11] **2,049,337**  
[13] C

[51] **Int.Cl. 5B01D 71/34 5C08F 214/18 5B01D 53/22**  
[25] EN  
[54] **PERFLUORODIOXOLE MEMBRANES**  
[54] **MEMBRANES DE PERFLUORODIOXOLE**  
[72] Nemser, Stuart Marshall, US  
[72] Roman, Ian Charles, US  
[73] DU PONT (E. I.) DE NEMOURS AND COMPANY, US  
[73] DUPONT CANADA INC., CA  
[85] 1991-11-06  
[86] 1990-06-13 (PCT/CA90/00195)  
[87] (WO90/15662)  
[30] US (07/366,400) 1989-06-15

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[11] **2,056,350**  
[13] C

[51] **Int.Cl. 5C04B 35/80 5C04B 30/02**  
[25] FR  
[54] **ARTICLES ISOLANTS A BASE DE FIBRES MINERALES ET LEUR PROCEDE DE FABRICATION**  
[54] **MINERAL FIBRE BASE INSULATING ARTICLES AND MANUFACTURING PROCESS THEREOF**  
[72] Besnard, Marie-Madeleine, FR  
[72] Brenner, Fabrice, FR  
[72] Knipper, Magali, FR  
[73] RHONE-POULENC CHIMIE, FR  
[22] 1991-11-27  
[30] FR (90 14 852) 1990-11-28

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[11] **2,052,168**  
[13] C

[51] **Int.Cl. 5G11B 27/10 5G11B 27/00**  
[25] EN  
[54] **OPTICAL DISC REPRODUCING APPARATUS HAVING DISPLAYING MADE CONTROL KEY FUNCTIONS**  
[54] **APPAREIL DE LECTURE DE DISQUES**  
[72] Ishii, Toshiyuki, JP  
[72] Misono, Kousuke, JP  
[72] Matsumoto, Hideki, JP  
[73] SONY CORPORATION, JP  
[22] 1991-09-24  
[30] JP (P263471/90) 1990-10-01

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[11] **2,055,446**  
[13] C

[51] **Int.Cl. 5B01D 71/34 5C08F 214/18 5B01D 53/22**  
[25] EN  
[54] **PERFLUORODIOXOLE MEMBRANES**  
[54] **MEMBRANES DE PERFLUORODIOXOLE**  
[72] Nemser, Stuart Marshall, US  
[72] Roman, Ian Charles, US  
[73] DU PONT (E. I.) DE NEMOURS AND COMPANY, US  
[73] DUPONT CANADA INC., CA  
[85] 1991-11-06  
[86] 1990-06-13 (PCT/CA90/00195)  
[87] (WO90/15662)  
[30] US (07/366,400) 1989-06-15

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[11] **2,056,350**  
[13] C

[51] **Int.Cl. 5C04B 35/80 5C04B 30/02**  
[25] FR  
[54] **ARTICLES ISOLANTS A BASE DE FIBRES MINERALES ET LEUR PROCEDE DE FABRICATION**  
[54] **MINERAL FIBRE BASE INSULATING ARTICLES AND MANUFACTURING PROCESS THEREOF**  
[72] Besnard, Marie-Madeleine, FR  
[72] Brenner, Fabrice, FR  
[72] Knipper, Magali, FR  
[73] RHONE-POULENC CHIMIE, FR  
[22] 1991-11-27  
[30] FR (90 14 852) 1990-11-28

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[11] **2,063,977**  
[13] C  
[51] **Int.Cl. 5H01H 79/00 5H02H 7/18**  
[25] EN  
[54] **CIRCUIT BYPASS DEVICE**  
[54] **DISPOSITIF DE DERIVATION DE CIRCUIT**  
[72] Wilson, Jean Pierre, US  
[73] SPACE SYSTEMS/LORAL, INC., US  
[22] 1992-03-25  
[30] US (704,772) 1991-05-23

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[11] **2,064,594**  
[13] C  
[51] **Int.Cl. 5B65H 35/00 5B26D 11/00**  
[25] EN  
[54] **APPARATUS FOR MANUFACTURING SHEETS**  
[54] **APPAREIL DE FABRICATION DE FEUILLES**  
[72] Totsuka, Akio, JP  
[73] Nippon Petrochemicals Company, Limited, JP  
[85] 1992-01-31  
[86] 1991-05-30 (PCT/JP91/00727)  
[87] (WO91/18721)  
[30] JP (2-141583) 1990-06-01

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[11] **2,065,210**  
[13] C  
[51] **Int.Cl. 5A61K 47/36**  
[25] EN  
[54] **CONTROLLED RELEASE MATRIX FOR PHARMACEUTICALS**  
[54] **MATRICE A LIBERATION CONTROLEE POUR PRODUITS PHARMACEUTIQUES**  
[72] Krishnamurthy, Thinnayam N., CA  
[73] EUROCELTIQUE, S.A., LU  
[22] 1992-04-06  
[30] US (758,883) 1991-09-11

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[54] **APPAREIL D'ECLAIRAGE A MONTAGE EN COIN ET DISPOSITIFS DE CABLAGE**  
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[51] **Int.Cl. 5C22C 38/58 5C22C 38/38**  
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[54] **INSTALLATION DE FORMAGE DE TUBES**  
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[54] **ISOTHIAZOLE DERIVATIVES AND PROCESSES FOR PREPARING THE SAME AS WELL AS TERMITE CONTROLLING AGENTS COMPRISING THE SAME AS ACTIVE INGREDIENT**  
[54] **DERIVES D'ISOTHIAZOLE, PROCEDES DE PREPARATION ET AGENTS DE LUTTE CONTRE LES TERMITES, RENFERMANT CES DERIVES COMME INGREDIENT ACTIF**  
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[72] Lu, Hui-Lan, US  
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[54] **METHODE ET DISPOSITIF D'ANALYSE DE LA FONCTION PULMONAIRE**  
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[11] 2,122,139  
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[85] 1994-07-13  
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[30] GB (9313869.1) 1993-07-05

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[72] Dimatteo, Sephen, US  
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[54] **PROCEDE DE GESTION THERMIQUE DES COMPOSANTS ELECTRONIQUES, UTILISANT DU DIAMANT SYNTHETIQUE**  
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[51] **Int.Cl. 5H02J 9/00 5F24F 13/10**  
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[54] **SOURCE D'ENERGIE, CAPACITIVE, DESTINEE AUX MOTEURS DE REGISTRES ET DE POUSSOIRS**  
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[72] Wheeler, Brian J., US  
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[13] C

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[54] **SYSTEME DE TELECOMMUNICATION MOBILE**  
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[13] C

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[25] EN  
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[54] **APPAREIL DE TRAITEMENT D'UNE TRAME DE MATIERE ET METHODE MISE EN OEUvre**  
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[54] **DISPOSITIF DE LOCALISATION D'UN VAISSEAU OU D'UNE ARTERE**  
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[72] Evans, Douglas, US  
[72] Fleischhacker, John J., US  
[73] Kensey Nash Corporation, US  
[85] 1995-03-29  
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[51] **Int.Cl. 6H04N 5/30 6H04N 5/335**  
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[54] **CIRCUIT DE CORRECTION DE DEFAUTS DANS LES PIXELS**  
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[25] EN  
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[25] EN  
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[25] EN  
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[85] 1995-06-19  
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[30] US (08/171,094) 1993-12-21

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[51] **Int.Cl. 6G01R 21/06**  
[25] EN  
[54] **MONITORING DEVICE SECURED TO POWER DISTRIBUTION SYSTEM CONDUCTORS**  
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[54] **RECEPTEUR GENERATEUR DE SIGNAUX DE DECISION PONDEREE**  
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[22] 1995-06-21  
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[51] **Int.Cl. 6B28B 1/08**  
[25] EN  
[54] **COMPACTING INSTALLATION**  
[54] **INSTALLATION DE COMPACTAGE**  
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[72] Den Boer, Anne Huig, NL  
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[51] **Int.Cl. 6C22C 1/05**  
[25] EN  
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[54] **POUDRE DE FER MIXTE**  
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[51] **Int.Cl. 6G06T 17/50**  
[25] EN  
[54] **A METHOD FOR AUTOMATICALLY DISPLAYING MAP SYMBOLS**  
[54] **PROCEDE D'AFFICHAGE AUTOMATIQUE DE SYMBOLES DE CARTES GEOGRAPHIQUES**  
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[72] Barrett, Willard H., US  
[73] RAYTHEON COMPANY, US  
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[86] 1995-01-27 (PCT/US95/01081)  
[87] (WO95/20799)  
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[13] C  
[51] **Int.Cl. 6H05K 1/14 6H05K 3/36**  
[25] EN  
[54] **ELECTRONIC DEVICE ASSEMBLY AND A MANUFACTURING METHOD OF THE SAME**  
[54] **DISPOSITIF ELECTRONIQUE ET SA METHODE DE FABRICATION**  
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[54] **METHODE ET DISPOSITIF DE CHARGEMENT D'ACCUMULATEUR AU PLOMB**  
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[73] THE PROCTER & GAMBLE COMPANY, US  
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[54] **PREPARATION DE 2-HALO-1-(PHENYLE SUBSTITUE)ETHANOL ET D'OXYDE DE STYRENE SUBSTITUE, OPTIQUEMENT ACTIFS**  
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[54] **PROCEDE DE PRODUCTION D'UN CORPS CREUX METALLIQUE, CORPS CREUX REALISE A L'AIDE DUDIT PROCEDE ET DISPOSITIF DE MISE EN OEUVRE DUDIT PROCEDE**  
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[51] **Int.Cl. 6G01N 1/28**  
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[54] **METHODE LIEE A LA PRESENCE D ECHANTILLONS AMORPHES ET MOYENS CONNEXES**  
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[51] **Int.Cl. 6C09F 1/00 6C09F 1/02 6C08G 63/06 6C12P 7/62 6C08G 63/78**  
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[54] **PROCEDE DE RECUPERATION DE POLYHYDROALCANOATES AU MOYEN D'UN FRACTIONNEMENT CENTRIFUGE**  
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[73] THE PROCTER & GAMBLE COMPANY, US  
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[25] EN  
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[25] EN  
[54] **PROCESS TO PRODUCE SANITARY NAPKINS WITH LOW TOLERANCE BETWEEN CRIMPED SIDE SEAL AND ABSORBENT CORE**  
[54] **PROCEDE DE FABRICATION DE SERVIETTES HYGIENIQUES A FAIBLE TOLERANCE ENTRE LA PARTIE D'ETANCHEITE LATERALE FRONCEE ET LA PARTIE CENTRALE ABSORBANTE**  
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[51] **Int.Cl. 6A44B 19/42**  
[25] EN  
[54] **METHOD OF MANUFACTURING SLIDE FASTENER**  
[54] **PROCEDE DE FABRICATION DE FERMETURE ECLAIR**  
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[54] **SYSTEME DE GESTION ET DE REPARTITION DE CABLES DE DIFFERENTS TYPES**  
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[54] **METHOD AND APPARATUS FOR THERMAL PROCESS CONTROL IN THE ELECTROFORMING OF STAMPERS FOR PRODUCTION OF CD/LD DATA CARRIERS**  
[54] **METHODE ET APPAREIL POUR LA CONDUITE DE PROCEDE THERMIQUE DANS L'ELECTROFORMAGE DE MATRICES POUR LA PRODUCTION DE SUPPORTS D'INFORMATION CD/LD**  
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[25] EN  
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[72] MCKINNEY, Ronald James, US  
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US  
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[54] **METHODE ET SYSTEME DE CONVERSION ET D'ENTREPOSAGE DE L'ENERGIE ELECTRIQUE**  
[72] KUZUMOTO, Masaki, JP  
[72] HIROTSUJI, Junji, JP  
[72] NAKAYAMA, Shigeki, JP  
[72] MATSUOKA, Osamu, JP  
[72] NOZAKI, Masao, JP  
[72] TANIMURA, Yasuhiro, JP  
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
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[54] **MULTIPLEXEUR-DEMULTIPLEXEUR OPTIQUE**  
[72] AKIBA, Kenji, JP  
[72] IKEGAYA, Morihiko, JP  
[73] HITACHI CABLE, LTD., JP  
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[51] **Int.Cl. 6C09D 101/00 6B05D 3/06**  
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[54] **COMPOSITIONS ET PROCEDES PERMETTANT UNE PROTECTION TEMPORAIRE DE SURFACES ACTIVEES**  
[72] WOODHALL, Edward W., US  
[72] SWIDLER, Ronald, US  
[73] CAL-WEST EQUIPMENT COMPANY, INC., US  
[85] 1997-03-04  
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[51] **Int.Cl. 6A61F 13/15**  
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[54] **PROCEDE D'ASSEMBLAGE DE MATERIAUX D'ARTICLES ABSORBANTS PAR SOUDURE**  
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[72] PLUMLEY, Julian Ashton, DE  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-04-07  
[86] 1995-10-19 (PCT/US95/13654)  
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[54] **SELF-REGULATING HEATING CABLE ASSEMBLY**  
[54] **CABLE CHAUFFANT AUTOREGULATEUR**  
[72] MANIERO, Daniel A., US  
[73] Wrap-On Company Inc., US  
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[54] CONNEXION DE DEFLECTEUR D'ACCUMULATEUR ET METHODE  
[72] PATEL, Chhotu, US  
[72] LAFER, Larry M., US  
[72] TOSSEY, Steven L., US  
[73] Automotive Fluid Systems, Inc., US  
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[25] EN  
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[54] APPAREIL ET PROCEDE PERMETTANT DE REALISER UN RACCORDEMENT PAR FUSION AU FOND D'UN TROU  
[72] REBER, Cleve C., US  
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[73] T T I TRENCHLESS TECHNOLOGIES, INC., US  
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[51] Int.Cl. 6H04Q 7/38 6H04Q 7/32  
[25] EN  
[54] SCHEME FOR CONTROLLING TRANSMISSION POWERS DURING SOFT HANDOVER IN A CDMA MOBILE COMMUNICATION SYSTEM  
[54] METHODE DE COMMANDE DE PUISSANCES D'EMISSION AU MOMENT DU TRANSFERT DANS UN SYSTEME DE COMMUNICATION MOBILE AMDC  
[72] NAKAMURA, Takehiro, JP  
[72] OHNO, Kouji, JP  
[72] NAKANO, Etsuhiro, JP  
[73] NTT MOBILE COMMUNICATIONS NETWORK INC., JP  
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[72] JOHNSON, Wallace W., US  
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[54] PROCEDE ET APPAREIL D'ASSEMBLAGE DE STRUCTURES DE VITRES SUR MESURE  
[72] RUECKHEIM, Eric W., US  
[73] CARDINAL IG COMPANY, US  
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[51] Int.Cl. 6H01B 3/12 6H01G 4/12  
[25] EN  
[54] DIELECTRIC CERAMIC COMPOSITION AND MONOLITHIC CERAMIC CAPACITOR USING SAME  
[54] COMPOSITION D'UNE CERAMIQUE DIELECTRIQUE ET SON USAGE DANS UN CONDENSATEUR FORME D'UN BLOC DE CERAMIQUE  
[72] HAMAJI, Yukio, JP  
[72] SANO, Harunobu, JP  
[72] WADA, Hiroyuki, JP  
[73] MURATA MANUFACTURING CO., LTD., JP  
[22] 1997-06-17  
[30] JP (8-160009) 1996-06-20

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[11] **2,208,220**  
[13] C  
[51] Int.Cl. 6G05B 19/406 6G05B 19/408  
[25] EN  
[54] PLANT PARAMETER DETECTION BY MONITORING OF POWER SPECTRAL DENSITIES  
[54] EVALUATION DES PARAMETRES D'UNE INSTALLATION PAR CONTROLE CONTINU DES DENSITES SPECTRALES DE PUISSANCE  
[72] NICHOLSON, Douglas Hugh, GB  
[72] BARTUSIAK, Raymond Donald, US  
[73] EXXON CHEMICAL PATENTS, INC., US  
[85] 1997-06-06  
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[72] PETERS, Craig L., US  
[72] SIERADZKI, Christopher Z., US  
[73] Amsted Industries Incorporated, US  
[22] 1997-06-12  
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[54] UNITE DE SUPPORT POUR RESONATEUR A VIBRATIONS ULTRASONIQUES  
[72] SATO, Shigeru, JP  
[72] ISHII, Ryoichi, JP  
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[54] **COMMUNICATIONS MULTIMEDIA VIA DES RESEAUX TELEPHONIQUE PUBLICS**  
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[87] (WO96/21986)  
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[13] C

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[25] EN  
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[54] **LONGERON DE CHENILLES POUR ENGIN CHENILLE**  
[72] FLEUCHAUS, James S., US  
[73] HARNISCHFEGER TECHNOLOGIES, INC., US  
[22] 1997-07-28  
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[54] **CONNECTEUR A STRUCTURE ANTIBRUIT AMELIOREE**  
[72] NAGAFUJI, Toshiaki, JP  
[73] NEC CORPORATION, JP  
[22] 1997-07-30  
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[54] **CIRCUIT DE COMMANDE POUR MOTEURS A DEUX VITESSES**  
[72] BOGWICZ, Robert R., US  
[72] ANDERSON, Jason S., US  
[72] DURKEE, John E., US  
[73] EMERSON ELECTRIC CO., US  
[22] 1997-09-08  
[30] US (08/741,209) 1996-10-29

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[54] **CIRCUIT DE COMMANDE DE MOTEUR**  
[72] ANDERSON, Jason S., US  
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[73] EMERSON ELECTRIC CO., US  
[22] 1997-09-16  
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[13] C

[51] **Int.Cl. 6F25B 49/04**  
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[54] **SYSTEME ANTISATURATION POUR MACHINE A ABSORPTION**  
[72] SAMS, Harold Wayne, US  
[72] MARTINI, David Michael, US  
[72] SERPENTE, Christopher Paul, US  
[72] DECKER, Marvin Clement, US  
[73] Carrier Corporation, US  
[22] 1997-09-23  
[30] US (08/728,205) 1996-10-10

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[13] C

[51] **Int.Cl. 6B01D 21/00 6B01D 19/00 6C02F 3/28**  
[25] EN  
[54] **SETTLING DEVICE FOR A FLUID CONTAINING LIQUID, GAS AND PARTICULATE MATERIAL, AS WELL AS A CLEANING DEVICE PROVIDED HEREWITH AND A METHOD FOR CLEANING WASTE WATER**  
[54] **DECANTEUR POUR FLUIDE CONTENANT DU LIQUIDE, DU GAZ ET DES MATIERES PARTICULAIRES, PURIFICATEUR DOTE D'UN TEL DECANTEUR ET TECHNIQUE DE CLARIFICATION DES EAUX RESIDUAIRES**  
[72] VELLINGA, Sjoerd Hubertus Jozef, NL  
[73] PAQUES B.V., NL  
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[54] **CARTE OPTIQUE**  
[72] TAKEI, Jiro, JP  
[72] AZUMA, Yoshihiro, JP  
[73] DAI NIPPON PRINTING CO., LTD., JP  
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[54] **TONER CARTRIDGE WITH EXTERNAL PLANAR INSTALLATION GUIDES**  
[54] **CARTOUCHE DE TONER AVEC GUIDES PLANS EXTERIEURS POUR L'INSTALLATION**  
[72] RENNICK, David Erwin, US  
[72] RAMSDELL, Richard Alden, US  
[72] HORRALL, Paul Douglas, US  
[72] COFFEY, Johnnie A., US  
[72] FOSTER, Larry Steven, US  
[72] MCINTYRE, John Randolph, US  
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[25] EN  
[54] EARLY WARNING DEVICE FOR  
TIRE RIMS AND HUB ASSEMBLIES  
[54] DISPOSITIF D'ALERTE RAPIDE  
POUR JANTES DE PNEUS ET  
ENSEMBLES DES MOYEUX  
[72] CHIA, Sam, CA  
[72] MANTINI, John, CA  
[72] ADAMS, Ken, CA  
[73] CHIA, Sam, CA  
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[73] ADAMS, Ken, CA  
[22] 1998-02-11  
[30] CA (2,199,649) 1997-03-11

[11] 2,230,379  
[13] C

[51] Int.Cl. 6H04N 7/16 6H04N 7/50  
[25] EN  
[54] VIDEO TELECOMMUNICATION  
SYSTEM AND METHOD  
[54] SYSTEME ET PROCEDE DE  
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[72] KIMATA, Hideaki, JP  
[72] AKIMOTO, Takaaki, JP  
[72] ICHIKAWA, Tadashi, JP  
[72] SUZUKI, Ryota, JP  
[72] KIMURA, Tsukasa, JP  
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[87] (WO98/02002)  
[30] JP (8/176052) 1996-07-05

[11] 2,231,034  
[13] C

[51] Int.Cl. 6A24F 13/00 6A24F 47/00  
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[54] SMOKERS VACUUM SYSTEM  
[54] ASPIRATEUR DE FUMEE DES  
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[72] HILLER, Maria, CA  
[73] OTVOS, Peter, CA  
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[22] 1998-04-30

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[13] C

[51] Int.Cl. 6H02M 5/00  
[25] EN  
[54] POWER SOURCE DEVICE  
INCLUDING A PLURALITY OF  
SWITCHING CIRCUITS FOR POWER  
CONVERSION WITH SWITCHING  
ELEMENTS USED IN COMMON  
[54] BLOC D'ALIMENTATION  
[72] NAKAMURA, Toshiaki, JP  
[72] SHINBORI, Hiroichi, JP  
[72] HIZUMA, Shinji, JP  
[72] SHIOMI, Tsutomu, JP  
[72] IWAHORI, Yutaka, JP  
[73] MATSUSHITA ELECTRIC WORKS,  
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[85] 1998-04-24  
[86] 1997-09-08 (PCT/JP97/03162)  
[87] (WO98/10509)  
[30] JP (8-238255) 1996-09-09  
[30] JP (9-169184) 1997-06-25

[11] 2,236,262  
[13] C

[51] Int.Cl. 6A01N 37/02 6A01N 59/00  
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[25] EN  
[54] ROOM TEMPERATURE  
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[54] STERILISANT A TEMPERATURE  
AMBIANTE POUR INSTRUMENTS  
MEDICAUX  
[72] ONSTAD, Bradley K., US  
[72] CARLSEN, Daniel B., US  
[72] HALL, Robert T., II, US  
[73] Minntech Corporation, US  
[85] 1998-04-29  
[86] 1996-11-25 (PCT/US96/18900)  
[87] (WO97/19594)  
[30] US (08/565,995) 1995-12-01

[11] 2,241,763  
[13] C

[51] Int.Cl. 6H04M 1/54  
[25] EN  
[54] METHOD AND APPARATUS FOR  
SPECIFYING ALPHANUMERIC  
INFORMATION WITH A TELEPHONE  
KEYPAD  
[54] METHODE ET APPAREIL DE  
SAISIE D'INFORMATIONS  
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[72] COLLINS, Gregg, US  
[73] MOVO MEDIA, INC., US  
[22] 1998-06-26  
[30] US (08/885,194) 1997-06-30

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[13] C

[51] Int.Cl. 6F16K 27/06 6B23P 15/00  
6F16K 5/20  
[25] EN  
[54] BALL VALVE ASSEMBLY AND  
METHOD FOR FORMING  
[54] ENSEMBLE CLAPET A BILLE ET  
PROCEDE DE FABRICATION  
[72] RAMBO, Anna K., US  
[72] SCHULLER, Mark W., US  
[72] EVANS, Robert J., US  
[72] BIBERSTEIN, Kraig A., US  
[73] AEROQUIP CORPORATION, US  
[85] 1998-08-18  
[86] 1997-03-04 (PCT/US97/03498)  
[87] (WO97/36125)  
[30] US (60/014,224) 1996-03-27  
[30] US (08/730,095) 1996-10-15

[11] 2,249,803  
[13] C

[51] Int.Cl. 6E02B 5/08  
[25] EN  
[54] TRASH RACK WITH NON-  
METALLIC REINFORCING ROD  
[54] GRILLE A DEBRIS DOTEE DE  
TIGES DE RENFORCEMENT NON  
METALLIQUES  
[72] PASTORE, Joseph, US  
[73] PASTORE, Joseph, US  
[22] 1998-10-06  
[30] US (944,283) 1997-10-06

[11] 2,264,899  
[13] C

[51] Int.Cl. 6F41A 29/02  
[25] EN  
[54] GUN BARREL AND TUBE  
CLEANING DEVICE  
[54] DISPOSITIF POUR NETTOYER UN  
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[72] HEDGE, Bruce F., US  
[73] MICHAELS OF OREGON CO., US  
[85] 1999-03-05  
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[30] US (08/719,791) 1996-09-25  
[30] US (08/790,676) 1997-01-28

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[25] EN  
[54] TOTAL TRUNK TRACTION EXERCISER  
[54] EXERCISEUR DU TRONC A TRACTION TOTALE  
[72] McQUINN, Andrew James, CA  
[71] McQUINN, Andrew James, CA  
[22] 1999-02-08  
[43] 2000-08-08

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[13] A1  
[51] Int.Cl. 6H05B 3/02 6F24D 13/00 6H01Q 1/02 6H02G 7/16  
[25] FR  
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[54] APPARATUS AND METHOD FOR HEATING BY SUPERIMPOSITION OF LIGHTS  
[72] COUTURE, Pierre, CA  
[71] HYDRO-QUEBEC, CA  
[22] 1999-02-09  
[43] 2000-08-09

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[13] A1  
[51] Int.Cl. 6B62D 55/07 6B62D 3/02 6B62D 55/104 6B62D 55/12  
[25] FR  
[54] VEHICULE POUR CIRCULER SUR UNE SURFACE ENNEIGEE  
[54] VEHICLE FOR DRIVING ON SNOWY SURFACES  
[72] BESSETTE, Robert, CA  
[71] BESSETTE, Robert, CA  
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[51] Int.Cl. 6C12N 9/64  
[25] EN  
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[54] NOUVELLES METALLOPROTEASES DE LA FAMILLE DE LA NEPRILYSINE  
[72] DESGROSEILLERS, Luc, CA  
[72] BOILEAU, Guy, CA  
[71] UNIVERSITÉ DE MONTRÉAL, CA  
[22] 1999-02-11  
[43] 2000-08-11

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[13] A1  
[51] Int.Cl. 6B62D 53/08  
[25] FR  
[54] SELLETTE D'ATTELLAGE A PLATEAU PIVOTANT  
[54] FIFTH WHEEL BEARING PIVOTING PLATE  
[72] BABIN, Pierre, CA  
[71] BABIN, Pierre, CA  
[22] 1999-02-08  
[43] 2000-08-08

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[25] FR  
[54] ECHANTILLONNEUR DE LAIT  
[54] MILK SAMPLER  
[72] DIONNE, Martin, CA  
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[22] 1999-02-08  
[43] 2000-08-08

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[13] A1  
[51] Int.Cl. 6G09F 15/00  
[25] EN  
[54] PORTABLE CLIP-STICK  
[54] MANCHE A PINCE PORTATIF  
[72] GORODETSKY, Arkady, CA  
[72] GORODETSKY, Svetlana, CA  
[71] GORODETSKY, Arkady, CA  
[71] GORODETSKY, Svetlana, CA  
[22] 1999-02-08  
[43] 2000-08-08

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[13] A1  
[51] Int.Cl. 6A61D 3/00 6G01G 3/00 6A01K 29/00 6G01G 17/08  
[25] EN  
[54] LEE CALF PROCESSING SLEIGH  
[54] TRAINEAU DE TRAITEMENT DE VEAU  
[72] LEE, William O. T., CA  
[71] LEE, William O. T., CA  
[22] 1999-02-11  
[43] 2000-08-11

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[21] **2,261,320**  
[13] A1  
[51] Int.Cl. 6B08B 3/10 6B26B 21/40  
[25] EN  
[54] METHOD AND APPARATUS FOR CLEANING RAZOR BLADE  
[54] METHODE ET APPAREIL DE NETTOYAGE DE LAME DE RASOIR  
[72] RIOUAL, Francis, CA  
[71] RIOUAL, Francis, CA  
[22] 1999-02-08  
[43] 2000-08-08

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[21] **2,261,321**  
[13] A1  
[51] **Int.Cl. 6F01C 1/00 6F01C 19/00**  
[25] EN  
[54] **SEALED COMPRESSION TURBINE ENGINE**  
[54] **MOTEUR A TURBINE DONT LA COMPRESSION EST PRODUITE DANS DES COMPARTIMENTS HERMETIQUES**  
[72] BARFUSS, Jack E., CA  
[71] BARFUSS, Jack E., CA  
[22] 1999-02-11  
[43] 2000-08-11

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[21] **2,261,326**  
[13] A1  
[51] **Int.Cl. 6B01L 3/06 6C07K 1/00**  
[25] EN  
[54] **LABORATORY CAP AND WELL FOR HANGING-DROP CRYSTALLIZATION METHODS**  
[54] **BOUCHON ET Puits DE LABORATOIRE POUR DES METHODES DE CRISTALLISATION PAR GOUTTE SUSPENDUE**  
[72] HOUDE, Christian, CA  
[72] VIOLA, Jean-Pascal, CA  
[71] HOUDE, Christian, CA  
[71] VIOLA, Jean-Pascal, CA  
[22] 1999-02-09  
[43] 2000-08-09

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[21] **2,261,327**  
[13] A1  
[51] **Int.Cl. 6B60L 7/10 6F03G 6/00 6B62K 11/00**  
[25] EN  
[54] **SOLAR ENERGY POWERED ELECTRIC VEHICLE**  
[54] **VEHICULE ELECTRIQUE ALIMENTE A L'ENERGIE SOLAIRE**  
[72] SHARAN, Anand Mohan, CA  
[71] SHARAN, Anand Mohan, CA  
[22] 1999-02-08  
[43] 2000-08-08

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[21] **2,261,354**  
[13] A1  
[51] **Int.Cl. 6F23Q 2/34**  
[25] EN  
[54] **IGNITION CONTROL SWITCH AND LOCKING LEVER ARRANGEMENT FOR A GAS IGNITION GUN**  
[54] **COMMANDE D'ALLUMAGE ET DISPOSITIF A LEVIER DE BLOCAGE POUR PISTOLET D'ALLUMAGE AU GAZ**  
[72] HSU, Huang-Hsi, TW  
[71] HSU, Huang-Hsi, TW  
[22] 1999-02-09  
[43] 2000-08-09

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[21] **2,261,355**  
[13] A1  
[51] **Int.Cl. 6A46B 5/02 6A61C 17/22**  
[25] EN  
[54] **IMPROVED TOOTHBRUSH HANDLE**  
[54] **MANCHE DE BROsse A DENTS AMELIORE**  
[72] PROULX, Genevieve Christianne, CA  
[71] PROULX, Genevieve Christianne, CA  
[22] 1999-02-10  
[43] 2000-08-10

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[21] **2,261,356**  
[13] A1  
[51] **Int.Cl. 6F23Q 2/34**  
[25] EN  
[54] **IGNITION SWITCH ARRANGEMENT FOR A GAS IGNITION GUN**  
[54] **DISPOSITIF DE COMMANDE D'ALLUMAGE POUR PISTOLET D'ALLUMAGE AU GAZ**  
[72] HSU, Huang-Hsi, TW  
[71] HSU, Huang-Hsi, TW  
[22] 1999-02-09  
[43] 2000-08-09

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[21] **2,261,358**  
[13] A1  
[51] **Int.Cl. 6A01K 85/01 6A01K 97/00 6A01N 63/00 6A01N 65/00**  
[25] EN  
[54] **FISH ATTRACTANT**  
[54] **ATTRACTIF A POISSONS**  
[72] BARNES, Desmond, CA  
[71] BARNES, Desmond, CA  
[22] 1999-02-08  
[43] 2000-08-08

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[21] **2,261,365**  
[13] A1  
[51] **Int.Cl. 6E05C 9/04 6B63B 19/00 6E05C 1/04 6E06B 5/12 6E06B 7/16 6B63B 43/32**  
[25] EN  
[54] **A PIVOTING DOOR OF THE TYPE HAVING AT LEAST ONE LEAF ON WHICH TWO BARS ARE MOUNTED IN PARALLEL BY MEANS OF LINKS**  
[54] **PORTE PIVOTANTE COMPORTANT AU MOINS UN VANTAIL SUPPORTANT DEUX BARRES PARALLELES RELIEES ENTRE ELLES**  
[72] ALIX, Guy-Paul, FR  
[71] L'INDUSTRIELLE DU PONANT SA, FR  
[22] 1999-02-09  
[43] 2000-08-09

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[21] **2,261,367**  
[13] A1  
[51] **Int.Cl. 6B29C 45/20**  
[25] EN  
[54] **INJECTION MOLDING VALVE MEMBER ACTUATING MECHANISM**  
[54] **MECANISME D'ACTIONNEMENT D'ELEMENTS DE ROBINET DE MOULAGE PAR INJECTION**  
[72] CHU, Simon, CA  
[72] GELLERT, JOBST ULRICH, CA  
[71] MOLD-MASTERS LIMITED, CA  
[22] 1999-02-08  
[43] 2000-08-08

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[21] **2,261,424**  
[13] A1  
[51] **Int.Cl. 6A61J 1/03 6G04B 47/00 6G04C 23/00 6G04G 1/00**  
[25] EN  
[54] **THE ELECTRONIC PILLMASTER**  
[54] **PILULIER**  
[72] RAUCHE, Stephen James, CA  
[71] RAUCHE, Stephen James, CA  
[22] 1999-02-11  
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[21] **2,261,428**  
[13] A1

[51] **Int.Cl. 6A61J 1/20 6B65D 39/00**  
[25] EN  
[54] **MEDICAMENT CONTAINER STOPPER WITH INTEGRAL SPIKE ACCESS MEANS**  
[54] **BOUCHON POUR CONTENANT A MEDICAMENT AVEC MOYEN D'ACCES COMPLET POUR PERFORATEUR**  
[72] GABBARD, Mark E., US  
[72] NIEDOSPIAL, John J., Jr., US  
[71] BRACCO INTERNATIONAL B.V., NL  
[22] 1999-02-11  
[43] 2000-08-11

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[21] **2,261,437**  
[13] A1

[51] **Int.Cl. 6B60P 1/43**  
[25] EN  
[54] **RAMP FOR VEHICLES**  
[54] **RAMPE POUR VEHICLES**  
[72] CRAIK, Sidney W., CA  
[71] CRAIK, Sidney W., CA  
[22] 1999-02-09  
[43] 2000-08-09

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[21] **2,261,447**  
[13] A1

[51] **Int.Cl. 6G02F 1/09 6G02F 1/21**  
[25] EN  
[54] **HIGH ISOLATION OPTICAL SWITCH, ISOLATOR OR CIRCULATOR HAVING THIN FILM POLARIZING BEAM-SPLITTERS**  
[54] **COMMUTATEUR, ISOLATEUR OU CIRCULATION OPTIQUE A ISOLEMENT ELEVE AVEC DIVISEURS DE FAISCEAUX POLARISANTS EN COUCHE MINCE**  
[72] LI, Li, CA  
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
[22] 1999-02-11  
[43] 2000-08-11

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[21] **2,261,448**  
[13] A1

[51] **Int.Cl. 6H04J 3/17 6H04J 3/16**  
[25] EN  
[54] **NETWORK ARCHITECTURES WITH TRANSPARENT TRANSPORT CAPABILITIES**  
[54] **ARCHITECTURES RESEAU AVEC FONCTIONS DE TRANSPORT TRANSPARENTES**  
[72] NICHOLSON, David John, CA  
[72] ARMSTRONG, Timothy James, CA  
[72] WIGHT, Mark Stephen, CA  
[72] SOLHEIM, Alan Glen, CA  
[72] MARTIN, DAVID WRIGHT, CA  
[72] TATAR, Mohammed Ismael, CA  
[72] GAGNON, Ronald J., CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1999-02-11  
[43] 2000-08-11

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[21] **2,261,451**  
[13] A1

[51] **Int.Cl. 6F28F 9/24 6F01M 5/00 6F01P 11/08**  
[25] EN  
[54] **PLATE-TYPE OIL COOLER**  
[54] **REFROIDISSEUR D'HUILE A PLAQUE**  
[72] LIN, Ching-Pao, TW  
[72] GUO, Ming-Shyan, TW  
[72] CHUANG, Chin-Fa, TW  
[71] LIN, Ching-Pao, TW  
[71] GUO, Ming-Shyan, TW  
[71] CHUANG, Chin-Fa, TW  
[22] 1999-02-10  
[43] 2000-08-10

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[21] **2,261,455**  
[13] A1

[51] **Int.Cl. 6F02P 17/00**  
[25] EN  
[54] **ENGINE IGNITION TIMING TOOL**  
[54] **OUTIL DE REGLAGE DE SEQUENCE D'ALLUMAGE DES MOTEURS A COMBUSTION**  
[72] NIELSEN, John E., CA  
[72] NIELSEN, Paul E., CA  
[71] NIELSEN, John E., CA  
[71] NIELSEN, Paul E., CA  
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[21] **2,261,457**  
[13] A1

[51] **Int.Cl. 6A61G 17/007 6A61G 17/00**  
[25] EN  
[54] **STRUCTURE FOR A CASKET SHELL**  
[54] **STRUCTURE DE DOUBLURE DE CERCUEIL**  
[72] BÉLANGER, Herman, CA  
[71] BÉLANGER, Herman, CA  
[22] 1999-02-11  
[43] 2000-08-11

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[21] **2,261,461**  
[13] A1

[51] **Int.Cl. 6B63B 49/00 6B63B 29/00 6B63H 25/00 6B63H 20/12**  
[25] EN  
[54] **CONTROL CONSOLE AND SEATING ARRANGEMENT FOR MOTORIZED WATERCRAFT**  
[54] **TABLEAU DE BORD ET SIEGE POUR UNE EMBARCATION PERSONNELLE MOTORISEE**  
[72] KOIZUMI, Marvin, CA  
[71] KOIZUMI, Marvin, CA  
[22] 1999-02-11  
[43] 2000-08-11

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[21] **2,261,464**  
[13]

[51] **Int.Cl. 6C12N 1/14 6A01N 63/04**  
[25] EN  
[54] **NEMATOPHAGOUS FUNGUS**  
[54] **CHAMPIGNON NEMATOPHAGE**  
[72] SHIH, Ju-Ying, TW  
[72] TZEAN, Shean Shong, CN  
[72] LIOU, Jun-Yang, TW  
[71] FOOD INDUSTRY RESEARCH AND DEVELOPMENT INSTITUTE, TW  
[22] 1999-02-12  
[43] 2000-08-12

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[21] **2,261,473**  
[13] A1

[51] **Int.Cl. 6G10D 9/02**  
[25] EN  
[54] **ORIENTED POLYMER REEDS FOR MUSICAL INSTRUMENTS**  
[54] **ANCHES EN POLYMERES ORIENTE POUR INSTRUMENTS DE MUSIQUE**  
[72] LÉGERE, Guy, CA  
[71] LÉGERE REEDS LTD., CA  
[22] 1999-02-11  
[43] 2000-08-11

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[21] **2,261,476**  
[13]  
[51] **Int.Cl. 6C02F 3/22**  
[25] EN  
[54] **APPARATUS FOR SEWAGE  
PURIFYING TREATMENT**  
[54] **APPAREIL POUR LA  
PURIFICATION DES EAUX USEES**  
[72] YAMAMOTO, Takashi, JP  
[71] YAMAMOTO, Takashi, JP  
[22] 1999-02-12  
[43] 2000-08-12

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[21] **2,261,502**  
[13]  
[51] **Int.Cl. 6A45D 8/00 6A45D 8/02**  
[25] EN  
[54] **SPIREL**  
[54] **ATTACHE-CHEVEUX**  
[72] THIBAUT, Céline, CA  
[71] THIBAUT, Céline, CA  
[22] 1999-02-12  
[43] 2000-08-12

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[21] **2,261,505**  
[13] A1  
[51] **Int.Cl. 6G10K 15/04 6A61B 17/32  
6A61B 17/36**  
[25] EN  
[54] **ULTRASONIC GENERATOR WITH  
SUPERVISORY CONTROL CIRCUITRY**  
[54] **D'ULTRASONS AVEC CIRCUIT DE  
COMMANDE DE SURVEILLANCE**  
[72] ALAM, Stephen J., US  
[72] KELLOGG, Scott, US  
[71] ETHICON ENDO-SURGERY, INC.,  
US  
[22] 1999-02-11  
[43] 2000-08-11

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[21] **2,261,508**  
[13]  
[51] **Int.Cl. 6E04F 21/24 6E01C 19/42**  
[25] EN  
[54] **VIBRATING SCREED FOR  
SURFACING CONCRETE**  
[54] **POUTRE LISSEUSE VIBRANTE  
POUR LE BETON**  
[72] ROUILLARD, Roger, CA  
[71] LES BÉTONS ROGER ROUILLARD  
INC., CA  
[22] 1999-02-12  
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[21] **2,261,509**  
[13] A1  
[51] **Int.Cl. 6H04J 14/02 6H04B 10/18**  
[25] EN  
[54] **METHODS FOR EQUALIZING  
WDM SYSTEMS**  
[54] **METHODES D'EGALISATION  
POUR SYSTEMES WDM**  
[72] WU, Chung Yu, CA  
[72] BARNARD, Chris Wilhelm, CA  
[71] NORTHERN TELECOM LIMITED,  
CA  
[22] 1999-02-11  
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[21] **2,261,510**  
[13] A1  
[51] **Int.Cl. 6G01V 7/02 6G01J 9/00  
6G01V 7/00 6G01D 11/02 6H01F 6/06  
6G01D 11/16 6G01V 7/16 6G01D 11/24**  
[25] EN  
[54] **GRAVITATIONAL SURVEY  
SYSTEM AND METHOD**  
[54] **METHODE ET SYSTEME DE  
MESURES GRAVITATIONNELLES**  
[72] KELLEY, John W., CA  
[71] KELLEY, John W., CA  
[22] 1999-02-11  
[43] 2000-08-11

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[21] **2,261,511**  
[13]  
[51] **Int.Cl. 6E05C 1/14**  
[25] EN  
[54] **DOOR LOCK DEVICE**  
[54] **DISPOSITIF DE VERROUILLAGE  
DE PORTE**  
[72] LIANG, Chia Pel, TW  
[71] LIANG, Chia Pel, TW  
[22] 1999-02-12  
[43] 2000-08-12

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[21] **2,261,515**  
[13]  
[51] **Int.Cl. 6G01F 23/30**  
[25] EN  
[54] **EMPTY PRODUCT DETECTOR**  
[54] **DETECTEUR D'EPUISEMENT DE  
LIQUIDE**  
[72] FURBER, John, US  
[72] TOETCHINGER, Mark, US  
[72] DECKER, James D., US  
[72] MONSRUD, Lee J., US  
[72] KEPPERS, Roger W., US  
[71] ECOLAB INC., US  
[22] 1999-02-12  
[43] 2000-08-12

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[21] **2,261,517**  
[13]  
[51] **Int.Cl. 6E21B 43/16**  
[25] EN  
[54] **METHOD OF ENHANCING OIL  
RECOVERY FROM AN OIL BEARING  
FORMATION THROUGH SECONDARY  
FLUID DISPLACEMENT**  
[54] **METHODE D'AMELIORATION DE  
LA RECUPERATION DE PETROLE  
D'UNE FORMATION PETROLIFERE  
AU MOYEN DU DEPLACEMENT D'UN  
FLUIDE SECONDAIRE**  
[72] PEACHEY, Bruce Richard, CA  
[71] PEACHEY, Bruce Richard, CA  
[22] 1999-02-12  
[43] 2000-08-12

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[21] **2,261,518**  
[13]  
[51] **Int.Cl. 6C07F 9/54 6C07F 9/535**  
[25] EN  
[54] **SYNTHETIC METHOD**  
[54] **METHODE DE SYNTHESE**  
[72] GAO, Xiaoliang, CA  
[72] SPENCE, Rupert Edward von Haken,  
CA  
[72] WURZ, RYAN PAUL, CA  
[71] NOVA CHEMICALS  
CORPORATION, CA  
[22] 1999-02-12  
[43] 2000-08-12

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[21] **2,261,523**  
[13]  
[51] **Int.Cl. 6E02F 9/16 6E02F 5/16**  
[25] EN  
[54] **CAB ENCLOSURE FOR A SELF-  
PROPELLED EARTH MOVING  
MACHINE**  
[54] **CABINE POUR MACHINE DE  
TERRASSEMENT AUTOMOTRICE**  
[72] FLEMING, Jeffery William Thomas, CA  
[71] FLEMING, Jeffery William Thomas, CA  
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[21] **2,261,526**  
[13]

[51] **Int.Cl. 6E04C 3/14 6F16B 19/00 6F16B 21/16 6E04C 3/36**  
[25] EN  
[54] **COMPOSITE WOODEN BEAM AND METHOD FOR PRODUCING SUCH BEAM**  
[54] **POUTRE COMPOSITE EN BOIS ET METHODE DE PRODUCTION**  
[72] WRIGHT, Jerauld George, CA  
[71] WRIGHT, Jerauld George, CA  
[22] 1999-02-12  
[43] 2000-08-12

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[21] **2,261,528**  
[13]

[51] **Int.Cl. 6A44C 5/10**  
[25] EN  
[54] **DOUBLE INTERCONNECTED JEWELLERY LINK**  
[54] **MAILLON DE JOAILLERIE A DOUBLE INTERCONNEXION**  
[72] RODELS, Len, CA  
[71] RODELS, Len, CA  
[22] 1999-02-12  
[43] 2000-08-12

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[21] **2,261,532**  
[13] A1

[51] **Int.Cl. 6B65F 1/04 6B65F 1/14**  
[25] EN  
[54] **CLUTTERBOX**  
[54] **BOITE A DECHETS**  
[72] SPARLING, Frederick J., CA  
[71] SPARLING, Frederick J., CA  
[22] 1999-02-08  
[43] 2000-08-08

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[21] **2,261,533**  
[13] A1

[51] **Int.Cl. 6A41D 27/16**  
[25] EN  
[54] **COLLAR SAVER**  
[54] **PROTEGE-COL**  
[72] DAVIDSON, Garry D., CA  
[71] DAVIDSON, Garry D., CA  
[22] 1999-02-11  
[43] 2000-08-11

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[21] **2,261,534**  
[13]

[51] **Int.Cl. 6A61G 7/053**  
[25] EN  
[54] **PORTABLE OVERHEAD BAR**  
[54] **BARRE SUPERIEURE DE LIT PORTATIVE**  
[72] SUCHON, John, CA  
[71] SUCHON, John, CA  
[22] 1999-02-12  
[43] 2000-08-12

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[21] **2,261,535**  
[13]

[51] **Int.Cl. 6G08B 5/36 6E05C 1/04 6G08B 13/08**  
[25] EN  
[54] **HOME SECURITY**  
[54] **DISPOSITIF DE SECURITE POUR LA MAISON**  
[72] STIRN, France, CA  
[71] STIRN, France, CA  
[22] 1999-02-12  
[43] 2000-08-12

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[21] **2,261,546**  
[13] A1

[51] **Int.Cl. 6F24C 5/18 6F23K 5/04 6F23K 5/16**  
[25] EN  
[54] **PORTABLE HEATER WITH MULTIPLE FUEL SOURCES AND ANTI-SIPHON DEVICE THEREFOR**  
[54] **APPAREIL DE CHAUFFAGE PORTATIF A SOURCES DE CARBURANT MULTIPLES ET DISPOSITIF ANTI-SIPHON CONNEXE**  
[72] LANGE, Jack, CA  
[71] LANGE, Jack, CA  
[22] 1999-02-09  
[43] 2000-08-09

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[21] **2,261,858**  
[13]

[51] **Int.Cl. 6H03F 3/18 6H03F 3/50**  
[25] EN  
[54] **HIGH SPEED PROCESS-CONTROLLED TRANSRESISTANCE AMPLIFIER**  
[54] **AMPLIFICATEUR A TRANSRESISTANCE COMMANDE PAR PROCESSUS HAUTE VITESSE**  
[72] HISSEN, Jurgen, CA  
[71] PMC-SIERRA LTD., CA  
[22] 1999-02-12  
[43] 2000-08-12

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[21] **2,261,876**  
[13]

[51] **Int.Cl. 6A47C 7/46 6A61F 5/01**  
[25] EN  
[54] **SHAPE ADJUSTING MECHANISM**  
[54] **MECANISME DE REGLAGE DE FORME**  
[72] RIETVELD, Jack, CA  
[72] COSENTINO, Christopher, CA  
[72] MAIER, Tony, CA  
[71] SCHUKRA MANUFACTURING INC., CA  
[22] 1999-02-12  
[43] 2000-08-12

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[21] **2,261,909**  
[13] A1

[51] **Int.Cl. 6B65F 1/16**  
[25] EN  
[54] **RECYCLING RECEPTACLE COVER**  
[54] **COUVERCLE DE RECIPIENT DE RECYCLAGE**  
[72] MCKINNON, Janice Elizabeth, CA  
[71] MCKINNON, Janice Elizabeth, CA  
[22] 1999-02-08  
[43] 2000-08-08

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[21] **2,261,912**  
[13]

[51] **Int.Cl. 6F24F 6/04 6A45C 13/00 6B65D 81/18**  
[25] EN  
[54] **PORTABLE PROGRAMMABLE HUMIDIFIER**  
[54] **HUMIDIFICATEUR PORTATIF PROGRAMMABLE**  
[72] BANTON, David J., CA  
[71] BANTON MUSICAL INSTRUMENTS INC., CA  
[22] 1999-02-12  
[43] 2000-08-12

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[21] **2,261,919**  
[13] A1

[51] **Int.Cl. 6F02M 35/10**  
[25] EN  
[54] **AIR FILTER FOR VEHICLES**  
[54] **FILTRE A AIR POUR VEHICLES**  
[72] NG-SEE-QUAN, Wendell E., CA  
[71] NG-SEE-QUAN, Wendell E., CA  
[22] 1999-02-09  
[43] 2000-08-09

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[21] **2,262,024**  
[13] A1  
[51] **Int.Cl. 6B65H 3/20 6A47J 31/08**  
[25] FR  
[54] **SEPARATEUR DE FILTRES A CAFE**  
[54] **COFFEE FILTER SEPARATOR**  
[72] BELLEMARE, Jacques, CA  
[71] BELLEMARE, Jacques, CA  
[22] 1999-02-10  
[43] 2000-08-10

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[21] **2,262,025**  
[13] A1  
[51] **Int.Cl. 6A63H 33/00**  
[25] EN  
[54] **MAZE 2000**  
[54] **MAZE 2000**  
[72] BUNESCU, Liliana, CA  
[72] BUNESCU, Bogdan, CA  
[71] BUNESCU, Liliana, CA  
[71] BUNESCU, Bogdan, CA  
[22] 1999-02-12  
[43] 2000-08-12

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[21] **2,262,130**  
[13] A1  
[51] **Int.Cl. 6A47B 81/00**  
[25] EN  
[54] **BIOLOGICAL SAFETY CABINET**  
[54] **ENCEINTE DE SECURITE BIOLOGIQUE**  
[72] BASTIAN, John M., US  
[72] PAVEGLIO, Scott P., US  
[71] FISHER HAMILTON INC., US  
[22] 1999-02-25  
[43] 2000-08-11  
[30] US (09/247,830) 1999-02-11

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[21] **2,262,200**  
[13] A1  
[51] **Int.Cl. 6G08G 1/087**  
[25] FR  
[54] **MODULE DE CONTROLE DES FEUX DE CIRCULATION**  
[54] **TRAFFIC LIGHT CONTROL MODULE**  
[72] CLOUTIER, Jean-François, CA  
[71] CLOUTIER, Jean-François, CA  
[22] 1999-02-12  
[43] 2000-08-12

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[21] **2,262,341**  
[13] A1  
[51] **Int.Cl. 6B65D 43/10 6G09F 23/00**  
[25] EN  
[54] **REUSABLE BEVERAGE CAN CAP**  
[54] **COUVERCLE DE CANETTE REUTILISABLE**  
[72] ROBINSON, Kenton I., CA  
[71] ROBINSON, Kenton I., CA  
[22] 1999-02-10  
[43] 2000-08-10

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[21] **2,262,342**  
[13] A1  
[51] **Int.Cl. 6B67B 7/78**  
[25] EN  
[54] **CAN-WIZARD 2000**  
[54] **CAN WIZARD 2000**  
[72] COOMBS, John Douglas, CA  
[71] COOMBS, John Douglas, CA  
[22] 1999-02-09  
[43] 2000-08-09

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[21] **2,262,343**  
[13] A1  
[51] **Int.Cl. 6F23D 5/06 6F23D 5/18**  
[25] EN  
[54] **VORTEX FLOW BURNER WITH FILM COMBUSTION**  
[54] **BRULEUR A ECOULEMENT ROTATIONNEL AVEC COMBUSTION SOUS FORME DE FILM**  
[72] RAO, Kuppu V., CA  
[71] RAO, Kuppu V., CA  
[22] 1999-02-10  
[43] 2000-08-10

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[21] **2,262,344**  
[13] A1  
[51] **Int.Cl. 6B64D 25/00 6B64D 17/80**  
[25] EN  
[54] **ENTITLED SMOKE HOLES**  
[54] **EXUTOIRES DE FUMEE**  
[72] SHOOFLAR, Henry, CA  
[71] SHOOFLAR, Henry, CA  
[22] 1999-02-12  
[43] 2000-08-12

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[21] **2,262,345**  
[13] A1  
[51] **Int.Cl. 6A47J 43/20**  
[25] EN  
[54] **WRAP MOULD**  
[54] **MOULE D'EMBALLAGE**  
[72] COATES, Faith, CA  
[71] SUN & SKY FOODS, CA  
[22] 1999-02-09  
[43] 2000-08-09

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[21] **2,264,222**  
[13] A1  
[51] **Int.Cl. 6F16K 15/20 6F16K 37/00 6B60C 29/06**  
[25] EN  
[54] **VALVE STEM WITH SLIDABLE, ROTATABLE AIR-TIGHT COUPLING FOR REMOVABLY ATTACHABLE DEVICES**  
[54] **TIGE DE SOUPAPE A ACCOUPLEMENT ETANCHE ROTATIF ET COULISSANT POUR DISPOSITIFS INTERCHANGEABLES**  
[72] LAIRD, David Norman, CA  
[71] H.E.I. DEVELOPMENTS LTD., CA  
[22] 1999-02-26  
[43] 2000-08-12  
[30] US (09/249,656) 1999-02-12

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[21] **2,264,225**  
[13] A1  
[51] **Int.Cl. 6G01F 1/74**  
[25] EN  
[54] **MULTI-PHASE FLUID FLOW MEASUREMENT APPARATUS AND METHOD**  
[54] **APPAREIL ET METHODE DE MESURE DE L'ECOULEMENT POLYPHASIQUE DE FLUIDES**  
[72] RIDLEY, Rodney K., CA  
[72] RAJAN, Varagur Srinivasa V., CA  
[71] ALBERTA RESEARCH COUNCIL, CA  
[22] 1999-03-03  
[43] 2000-08-08  
[30] US (09/246,300) 1999-02-08

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[21] **2,267,849**  
[13] A1

[51] **Int.Cl. 6B60S 9/22 6F16M 13/00 6E01H 5/06 6E02F 3/76**  
[25] EN  
[54] **A CUTTING EDGE HANDLER FOR PLOWS AND GRADERS**  
[54] **CHARIOT DE MANIPULATION DE LAME RACLEUSE DE CHASSE-NEIGE ET DE NIVELEUSES**  
[72] BULLER, Walter James, US  
[72] BERDAN, Brian James, US  
[72] PETERSON, Brian C., US  
[71] SPX CORPORATION, US  
[22] 1999-04-01  
[43] 2000-08-11  
[30] US (09/248,586) 1999-02-11

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[21] **2,269,362**  
[13] A1

[51] **Int.Cl. 6A01D 57/12**  
[25] EN  
[54] **WHEEL RAKE HUB GUARD**  
[54] **PROTEGE-MOYEU DE RATEAU-FANEUR**  
[72] ROWSE, Ron A., US  
[72] ROWSE, Dan D., US  
[71] ROWSE, Ron A., US  
[71] ROWSE, Dan D., US  
[22] 1999-04-19  
[43] 2000-08-10  
[30] US (09/247,491) 1999-02-10

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[21] **2,269,909**  
[13] A1

[51] **Int.Cl. 6E06C 7/00 6A62C 31/28**  
[25] EN  
[54] **QUICK-LOCK WATERWAY**  
[54] **LANCE A EAU A VERROUILLAGE RAPIDE**  
[72] McDONALD, Tim, US  
[72] GORDEE, Randall E., US  
[72] ZIMMER, Randy, US  
[72] STADTMUELLER, Daniel M., US  
[71] PIERCE MANUFACTURING INC., US  
[22] 1999-04-21  
[43] 2000-08-11  
[30] US (09/248,639) 1999-02-11

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[21] **2,271,217**  
[13] A1

[51] **Int.Cl. 6A47K 10/34 6B65D 83/00 6A47K 7/00 6B60N 3/10**  
[25] EN  
[54] **TISSUE DISPENSER FOR A VEHICLE CUP HOLDER**  
[54] **DISTRIBUTRICE DE PAPIER-MOUCHOIR POUR PORTE-GOBELET DE VEHICULE**  
[72] PARKES, Timothy H., US  
[72] KING, Arnold M., US  
[71] REMINGTON INDUSTRIES, INC., US  
[22] 1999-05-07  
[43] 2000-08-08  
[30] US (09/245,672) 1999-02-08

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[21] **2,271,344**  
[13] A1

[51] **Int.Cl. 6E04C 1/00 6E02D 29/02 6E04B 2/18**  
[25] EN  
[54] **DRY STACKABLE BLOCK STRUCTURES**  
[54] **STRUCTURES SECHES DE BLOCS EMPILABLES**  
[72] BOTT, Tim Allen, US  
[71] ALLAN BLOCK CORPORATION, US  
[22] 1999-05-07  
[43] 2000-08-08  
[30] US (09/246,230) 1999-02-08

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[21] **2,271,377**  
[13] A1

[51] **Int.Cl. 6F16L 3/01 6B61B 3/00**  
[25] EN  
[54] **WORK STATION FEEDING DEVICE**  
[54] **DISPOSITIF D'ALIMENTATION DE POSTE DE TRAVAIL**  
[72] MANTHEI, Uwe, DE  
[71] WAMPFLER AKTIENGESELLSCHAFT, DE  
[22] 1999-05-10  
[43] 2000-08-09  
[30] DE (199 05 336.7) 1999-02-09

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[21] **2,273,381**  
[13] A1

[51] **Int.Cl. 6B65D 35/28 6B65D 35/32**  
[25] EN  
[54] **IMPROVED ROLL UP TUBE DISPENSER APPARATUS**  
[54] **APPAREIL D'ENROULEMENT DE DISTRIBUTION TUBULAIRE AMELIORE**  
[72] LIBERATORE, Raymond, US  
[71] LIBERATORE, Raymond, US  
[22] 1999-05-28  
[43] 2000-08-08  
[30] US (09/246,681) 1999-02-08

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[21] **2,273,460**  
[13] A1

[51] **Int.Cl. 6A47B 96/14 6A47B 13/00 6A47B 91/12 6A47B 96/20**  
[25] EN  
[54] **FURNITURE CONSTRUCTION**  
[54] **ARTICLES D'AMEUBLEMENT**  
[72] GLASS, Peter, US  
[71] VIRCO MFG. CORPORATION, US  
[22] 1999-06-02  
[43] 2000-08-11  
[30] US (09/249,581) 1999-02-11

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[21] **2,273,618**  
[13] A1

[51] **Int.Cl. 6F16H 9/00**  
[25] EN  
[54] **VARIABLE SPEED CHANGE GEAR**  
[54] **VARIATEUR DE VITESSE**  
[72] MIMURA, Kenji, JP  
[71] MIMURA, Kenji, JP  
[22] 1999-06-02  
[43] 2000-08-09  
[30] JP (H11-31424) 1999-02-09

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[21] **2,273,780**  
[13]

[51] **Int.Cl. 6F16H 48/20 6F16H 48/06**  
[25] EN  
[54] **DIFFERENTIAL GEAR**  
[54] **ENGRENAGE DIFFERENTIEL**  
[72] MIMURA, Kenji, JP  
[71] MIMURA, Kenji, JP  
[22] 1999-06-08  
[43] 2000-08-12  
[30] JP (H11-34189) 1999-02-12

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[21] **2,274,209**  
[13] A1  
[51] **Int.Cl. 6A61F 13/48**  
[25] EN  
[54] **COMPRESS FOR MEDICAL TREATMENT**  
[54] **COMPRESSE POUR TRAITEMENT MEDICAL**  
[72] MÄHR, Rodolfo, CH  
[72] WENDT, Matthias, CH  
[71] INTERNATIONALE VERBANDSTOFF-FABRIK SCHAFFHAUSEN, CH  
[22] 1999-06-11  
[43] 2000-08-08  
[30] US (09/245,661) 1999-02-08

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[21] **2,277,246**  
[13] A1  
[51] **Int.Cl. 6B42D 15/08**  
[25] EN  
[54] **COHESIVE PATTERN FOR A CONTINUOUS Z-FOLD MAILER WITH REPLY ENVELOPE**  
[54] **FORME COHESIVE POUR DEPLIANT DE PUBLICITE DIRECTE EN ACCORDEON A ENVELOPPE DE REPONSE**  
[72] CANNON, TERRY K., US  
[72] SHARP, TRICIA E., US  
[71] MOORE U.S.A. INC., US  
[22] 1999-07-08  
[43] 2000-08-09  
[30] US (09/246,957) 1999-02-09

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[21] **2,279,078**  
[13] A1  
[51] **Int.Cl. 6G08B 13/02**  
[25] EN  
[54] **BICYCLE THEFT PROTECTION SYSTEM**  
[54] **SYSTEME ANTIVOL POUR BICYCLETTES**  
[72] THEOFANOUS, VICKIE, CA  
[72] TIKKANEN, PAUL, CA  
[71] THEOFANOUS, VICKIE, CA  
[71] TIKKANEN, PAUL, CA  
[22] 1999-07-28  
[43] 2000-08-11  
[30] US (09/249,228) 1999-02-11

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[21] **2,279,129**  
[13] A1  
[51] **Int.Cl. 6A42B 3/06**  
[25] EN  
[54] **A SPORTS HELMET WITH PROTECTIVE FINCAP**  
[54] **CASQUE DE SPORT MUNI D'UNE ARETE DE PROTECTION**  
[72] CORBETT, JOSEPH, US  
[71] CORBETT, JOSEPH, US  
[22] 1999-07-29  
[43] 2000-08-11  
[30] US (09/249,983) 1999-02-11

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[21] **2,279,726**  
[13]  
[51] **Int.Cl. 6B27F 7/15**  
[25] EN  
[54] **WOOD TIE END PLATING MACHINE**  
[54] **MACHINE A PLAQUER LES EXTREMITES DE TRAVERSES EN BOIS**  
[72] MATLOCK, GORDON E., US  
[71] MATLOCK, GORDON E., US  
[22] 1999-08-05  
[43] 2000-08-12  
[30] US (09/248,389) 1999-02-12

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[21] **2,279,819**  
[13] A1  
[51] **Int.Cl. 6A41D 25/00**  
[25] EN  
[54] **NECKTIE**  
[54] **CRAVATE**  
[72] HONG, KYUNG-SOO, KR  
[71] HONG, KYUNG-SOO, KR  
[22] 1999-08-10  
[43] 2000-08-08  
[30] KR (1920/1999) 1999-02-08

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[21] **2,280,390**  
[13] A1  
[51] **Int.Cl. 6A01D 90/10 6A01F 29/00 6A01K 5/00**  
[25] EN  
[54] **MECHANICAL HAY DISTRIBUTOR**  
[54] **DISTRIBUTEUR DE FOIN MECANIQUE**  
[72] SPARKS, JOHN SCOTT, US  
[72] WHATLEY, ROBERT TODD, US  
[71] SPARKS, JOHN SCOTT, US  
[71] WHATLEY, ROBERT TODD, US  
[22] 1999-08-13  
[43] 2000-08-11  
[30] US (09/247,873) 1999-02-11

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[21] **2,281,024**  
[13] A1  
[51] **Int.Cl. 6H04N 1/32 6H04M 11/06 6H04L 12/16 6H04L 12/52**  
[25] EN  
[54] **INTERNET FACSIMILE APPARATUS AND RELAY APPARATUS SELECTION METHOD**  
[54] **DISPOSITIF DE TELECOPIE PAR INTERNET ET METHODE DE SELECTION DE DISPOSITIF DE RELAIS**  
[72] YASHIKI, SATOSHI, JP  
[71] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP  
[22] 1999-08-30  
[43] 2000-08-10  
[30] JP (11-032859) 1999-02-10

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[21] **2,282,013**  
[13] A1  
[51] **Int.Cl. 6A61B 5/00 6G01K 1/02**  
[25] EN  
[54] **SYSTEM FOR LOCATING INFLAMED PLAQUE IN A VESSEL**  
[54] **SYSTEME POUR LOCALISER DES DEPOTS ENFLAMMES DANS UN VAISSEAU**  
[72] BROWN, DAVID LLOYD, US  
[71] BROWN, DAVID LLOYD, US  
[22] 1999-09-09  
[43] 2000-08-08  
[30] US (09/246,603) 1999-02-08

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[21] **2,282,797**  
[13]  
[51] **Int.Cl. 6B01F 17/52 6C09D 7/02**  
[25] EN  
[54] **EMULSIFICATION OF NON-AQUEOUS CHEMICAL ADDITIVES USING SOY METHYL ESTER AS A CARRIER**  
[54] **EMULSIFICATION D'ADDITIFS CHIMIQUES NON AQUEUX EN UTILISANT UN ESTER METHYLIQUE D'HUILE DE SOJA COMME PORTEUR**  
[72] RAULS, THOMAS E., US  
[71] PCI GROUP, INC., US  
[22] 1999-09-17  
[43] 2000-08-12  
[30] US (09/249,340) 1999-02-12

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[21] **2,282,864**  
[13] A1

[51] **Int.Cl. 6B42D 15/00 6G09F 3/10**  
[25] EN  
[54] **PACKAGE SHIPMENT-FACILITATING BUSINESS FORMS AND METHOD OF UTILIZATION THEREOF**  
[54] **FORMULAIRES COMMERCIAUX FACILITANT L'EXPEDITION DE COLIS ET METHODE D'UTILISATION**  
[72] MURPHY, SHARON M., US  
[71] MOORE NORTH AMERICA, INC., US  
[22] 1999-09-20  
[43] 2000-08-09  
[30] US (09/246,958) 1999-02-09

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[21] **2,285,787**  
[13]

[51] **Int.Cl. 6C22F 1/14 6B22F 3/10**  
[25] EN  
[54] **SINTER OF NOBLE METAL AND METHOD FOR PRODUCTION THEREOF**  
[54] **FRITTE EN METAL NOBLE ET METHODE POUR SA PRODUCTION**  
[72] FUJIMARU, ATSUSHI, JP  
[72] SHIMAMOTO, KATSUSHIKO, JP  
[72] ARAKI, HITOSHI, JP  
[72] MIYATA, MAKOTO, JP  
[71] AIDA CHEMICAL INDUSTRIES CO., LTD., JP  
[22] 1999-10-08  
[43] 2000-08-12  
[30] JP (11-033631) 1999-02-12

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[21] **2,285,814**  
[13] A1

[51] **Int.Cl. 6B42D 3/12**  
[25] EN  
[54] **PRINTABLE KIT FOR MAKING AN ORIGINAL HOLDER FOR FLAT OBJECTS**  
[54] **NECESSAIRE D'IMPRESSION DE SUPPORT ORIGINAL POUR OBJETS PLATS**  
[72] TSUBOUCHI, TAKAO, JP  
[72] YAMAMOTO, HISAYO, JP  
[72] YOKOTA, MIHO, JP  
[72] NAKANISHI, NORIKO, JP  
[72] NAKAGAWA, YUSUKE, JP  
[72] NIWA, KEISUKE, JP  
[71] HISAGO KABUSHIKI KAISHA, JP  
[22] 1999-10-13  
[43] 2000-08-10  
[30] JP (11-33301) 1999-02-10  
[30] JP (11-155645) 1999-06-02

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[21] **2,286,411**  
[13] A1

[51] **Int.Cl. 6B60R 1/06**  
[25] EN  
[54] **FASTENING APPARATUS FOR A MOTOR VEHICLE REARVIEW MIRROR**  
[54] **DISPOSITIF DE FIXATION DE RETROVISEUR DE VEHICULE A MOTEUR**  
[72] POPP, ALBRECHT, DE  
[72] LANG, HEINRICH, DE  
[71] LANG-MEKRA NORTH AMERICA, LLC, US  
[22] 1999-10-15  
[43] 2000-08-10  
[30] DE (199 05 545.9) 1999-02-10

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[21] **2,286,863**  
[13] A1

[51] **Int.Cl. 6B60H 1/26 6F16L 3/00**  
[25] EN  
[54] **MOLDED AIR DUCT WITH INTEGRAL ATTACHMENT MEMBER**  
[54] **CONDUIT D'AIR MOULE A ELEMENT DE FIXATION INTEGRE**  
[72] GALBRAITH, MICHAEL, US  
[71] FORD MOTOR COMPANY OF CANADA LIMITED, CA  
[22] 1999-10-15  
[43] 2000-08-10  
[30] US (09/248,356) 1999-02-10

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[21] **2,287,119**  
[13]

[51] **Int.Cl. 6E04F 11/18**  
[25] EN  
[54] **OUTDOOR RAILING SYSTEM AND RAILS**  
[54] **SYSTEME ET PROFILS DE LISSAGE EXTERIEUR**  
[72] MICHAEL, STEPHEN W., US  
[72] PASTORE, JOHN M., US  
[72] HALL, JAMES R., JR., US  
[71] SPARTANBURG FOREST PRODUCTS, INC., US  
[22] 1999-10-25  
[43] 2000-08-12  
[30] US (09/252,593) 1999-02-12

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[21] **2,287,281**  
[13]

[51] **Int.Cl. 6E04F 11/18 6E04H 17/00**  
[25] EN  
[54] **OUTDOOR RAILING SYSTEM AND RAILS**  
[54] **SYSTEME ET PROFILS DE LISSAGE EXTERIEUR**  
[72] PASTORE, JOHN M., US  
[72] MICHAEL, STEPHEN W., US  
[72] HALL, JAMES R., JR., US  
[71] SPARTANBURG FOREST PRODUCTS, INC., US  
[22] 1999-10-25  
[43] 2000-08-12  
[30] US (09/252,597) 1999-02-12

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[21] **2,290,922**  
[13] A1

[51] **Int.Cl. 7B08B 15/00 7H01L 21/02**  
[25] EN  
[54] **FLOW CONTROL APPARATUS FOR A SEMICONDUCTOR MANUFACTURING WET BENCH**  
[54] **DISPOSITIF DE CONTROLE DE FLUX POUR TABLE DE FABRICATION DE SEMICONDUCTEURS PAR VOIE HUMIDE**  
[72] LAPORT, MICHAEL, US  
[72] HRKMAN, LOUIS JR., US  
[72] JACOB, STEVEN D., US  
[71] SIEMENS BUILDING TECHNOLOGIES, INC., US  
[22] 1999-11-29  
[43] 2000-08-10  
[30] US (09/247,698) 1999-02-10

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[21] **2,291,309**  
[13] A1

[51] **Int.Cl. 7D06F 35/00**  
[25] EN  
[54] **DRIVE SYSTEM FOR CLOTHES WASHER**  
[54] **SYSTEME D'ENTRAINEMENT POUR LAVEUSE**  
[72] BROKER, JOHN F., US  
[72] WUNDERLICH, DANIEL F., US  
[72] KROPF, KEITH E., US  
[72] THOMAS, JOHN E., US  
[71] MAYTAG CORPORATION, US  
[22] 1999-11-30  
[43] 2000-08-09  
[30] US (09/247,740) 1999-02-09

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[21] **2,291,504**  
[13] A1  
[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **DISPOSABLE ABSORBENT PULL-UP TYPE DIAPERS AND INCONTINENT BRIEFS**  
[54] **COUCHES ET CULOTTES JETABLES A ENFILER POUR INCONTINENTS**  
[72] KARAMI, HAMZEH, US  
[71] FIRST QUALITY ENTERPRISES, INC., US  
[22] 1999-12-03  
[43] 2000-08-10  
[30] US (09/247,629) 1999-02-10

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[21] **2,291,834**  
[13] A1  
[51] **Int.Cl. 7H04Q 3/66**  
[25] EN  
[54] **SELECTIVE MESSAGING IN A MULTIPLE MESSAGING LINK ENVIRONMENT**  
[54] **ENVOI SELECTIF DE MESSAGES DANS UN ENVIRONNEMENT DE MESSAGERIE A LIAISONS MULTIPLES**  
[72] DEZONNO, ANTHONY J., US  
[71] ROCKWELL ELECTRONIC COMMERCE CORPORATION, US  
[22] 1999-12-07  
[43] 2000-08-09  
[30] US (09/246,389) 1999-02-09

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[21] **2,291,885**  
[13] A1  
[51] **Int.Cl. 7B65B 27/12**  
[25] EN  
[54] **IMPROVED PRE-BAGGING METHOD AND APPARATUS**  
[54] **METHODE ET DISPOSITIF D'ENSACHAGE PRELIMINAIRE AMELIORES**  
[72] GALLAGHER, DENIS, US  
[71] MCNEIL-PPC, INC., US  
[22] 1999-12-08  
[43] 2000-08-09  
[30] US (09/247,765) 1999-02-09

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[21] **2,292,038**  
[13] A1  
[51] **Int.Cl. 7G06F 9/54**  
[25] EN  
[54] **USER INTERFACE FOR TRANSFERRING ITEMS BETWEEN DISPLAYED WINDOWS**  
[54] **INTERFACE UTILISATEUR SERVANT AU TRANSFERT D'ELEMENTS ENTRE DES FENETRES AFFICHEES**  
[72] MULLER, JOHN KURT, US  
[72] RICH, CHRISTOPHER JACOB, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1999-12-10  
[43] 2000-08-09  
[30] US (09/247,133) 1999-02-09

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[21] **2,292,118**  
[13] A1  
[51] **Int.Cl. 7B26D 1/02**  
[25] EN  
[54] **CUTTING ARRANGEMENT**  
[54] **DISPOSITIF DE COUPE**  
[72] LANDOLT, MARKUS, CH  
[71] GRETAG IMAGING TRADING AG, CH  
[22] 1999-12-13  
[43] 2000-08-11  
[30] EP (99 101 760.9) 1999-02-11

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[21] **2,292,316**  
[13] A1  
[51] **Int.Cl. 7G02B 6/42**  
[25] EN  
[54] **APPARATUS FOR ALIGNING OPTICAL SOURCE WITH OPTICAL FIBER AND OPTICAL SOURCE MODULE HAVING THE SAME**  
[54] **DISPOSITIF POUR ALIGNER UNE SOURCE OPTIQUE AVEC UNE FIBRE OPTIQUE ET MODULE DE SOURCE OPTIQUE COMPORTANT CE DISPOSITIF**  
[72] LIM, SEONG-EUN, KR  
[72] YUN, TAE-WOO, KR  
[72] KWON, OH-DAL, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 1999-12-16  
[43] 2000-08-06  
[30] KR (4098/1999) 1999-02-06

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[21] **2,292,869**  
[13] A1  
[51] **Int.Cl. 7G09F 7/08**  
[25] EN  
[54] **SIGN DECORATION SYSTEM**  
[54] **SYSTEME D'ELEMENTS DECORATIFS POUR PANNEAU**  
[72] GRIFFIN, ALAN G., US  
[71] GRIFFIN GROUP, INC., US  
[22] 1999-12-20  
[43] 2000-08-08  
[30] US (09/246,719) 1999-02-08

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[21] **2,293,009**  
[13] A1  
[51] **Int.Cl. 7C08F 232/08 7C08L 21/00 7C08L 45/00**  
[25] EN  
[54] **POLYMERIC DICYCLOPENTADIENE/LIMONENE RESIN**  
[54] **RESINE POLYMERE DE DICYCLOPENTADIENE/LIMONENE**  
[72] KEITH, DENISE JEANNETTE, US  
[72] SEGATTA, THOMAS JOSEPH, US  
[72] WIDEMAN, LAWSON GIBSON, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 1999-12-22  
[43] 2000-08-09  
[30] US (09/246,391) 1999-02-09

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[21] **2,293,111**  
[13] A1  
[51] **Int.Cl. 7B43K 19/00 7B43K 19/16**  
[25] EN  
[54] **WRITING INSTRUMENT WITH LOCKING CORE**  
[54] **INSTRUMENT D'ECRITURE A NOYAU DE POSITIONNEMENT**  
[72] GRAY, TERRY A., US  
[71] DIXON TICONDEROGA COMPANY, US  
[22] 1999-12-23  
[43] 2000-08-10  
[30] US (09/247,598) 1999-02-10

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**Demandes canadiennes mises à la disponibilité du public**  
**6 août 2000 - 12 août 2000**

<p style="text-align: right;">[21] <b>2,293,954</b> [13]</p> <p>[51] <b>Int.Cl. 7B67D 3/00</b> [25] EN [54] <b>REFILL CARTRIDGE FOR A DRINK-DISPENSING DEVICE AND DEVICE DESIGNED FOR SUCH A CARTRIDGE</b> [54] <b>CARTOUCHE DE RECHARGE DE DISTRIBUTEUR A BOISSONS ET DISPOSITIF CONCU POUR CETTE CARTOUCHE</b> [72] JEANNIN, BERNARD, FR [72] MASEK, PETR, CH [72] BARDIN, ENNIO, CH [71] SOCIÉTÉ DES PRODUITS NESTLÉ S.A., CH [22] 2000-01-05 [43] 2000-08-12 [30] EP (99200394.7) 1999-02-12</p>	<p style="text-align: right;">[21] <b>2,295,396</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A44B 19/16 7B65D 33/28</b> [25] EN [54] <b>SLIDE ZIPPER ASSEMBLY</b> [54] <b>FERMETURE A GLISSIERE</b> [72] MACHACEK, ZDENEK, US [72] KOBETSKY, ROBERT G., US [71] ILLINOIS TOOL WORKS INC., US [22] 2000-01-13 [43] 2000-08-09 [30] US (09/247,676) 1999-02-09</p>	<p style="text-align: right;">[21] <b>2,295,904</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B25B 13/06</b> [25] EN [54] <b>NUTSETTER</b> [54] <b>TOURNE-ECROU</b> [72] DOBSON, STEWART B., US [72] MASSIH, MALEK ABDUL, US [71] BLACK &amp; DECKER INC., US [22] 2000-01-13 [43] 2000-08-08 [30] US (09/246,237) 1999-02-08</p>
<p style="text-align: right;">[21] <b>2,294,658</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F21V 7/22</b> [25] EN [54] <b>LAMP REFLECTOR WITH A BARRIER COATING OF A PLASMA POLYMER</b> [54] <b>REFLECTEUR POUR LAMPE AVEC UN REVETEMENT D'ISOLEMENT EN POLYMERE DEPOSE PAR PLASMA</b> [72] FRAIZER, ROBERT L., US [71] VALEO SYLVANIA L.L.C., US [22] 2000-01-07 [43] 2000-08-08 [30] US (09/246,218) 1999-02-08</p>	<p style="text-align: right;">[21] <b>2,295,403</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 15/173</b> [25] EN [54] <b>NON-UNIFORM MEMORY ACCESS (NUMA) DATA PROCESSING SYSTEM HAVING SHARED INTERVENTION SUPPORT</b> [54] <b>SYSTEME DE TRAITEMENT DE DONNEES A ACCES EN MEMOIRE NON UNIFORME (NUMA) PRENANT EN CHARGE LE PARTAGE D'INTERVENTION</b> [72] DEAN, MARK E., US [72] GLASCO, DAVID B., US [72] CARPENTER, GARY D., US [71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US [22] 2000-01-13 [43] 2000-08-10 [30] US (09/248,503) 1999-02-10</p>	<p style="text-align: right;">[21] <b>2,296,178</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/12 7C12N 5/10 7C07K 16/18 7C07K 14/47 7G01N 33/58</b> [25] EN [54] <b>HUMAN INTESTINAL NPT2B</b> [54] <b>NPT2B DE L'INTESTIN HUMAIN</b> [72] SANKURATI, SURYANARAYANA, US [72] CANNON, PAUL DAVID, US [71] F.HOFFMAN-LA ROCHE AG, CH [22] 2000-02-07 [43] 2000-08-09 [30] US (60/119,321) 1999-02-09</p>
<p style="text-align: right;">[21] <b>2,295,374</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 33/28</b> [25] EN [54] <b>RECLOSABLE ZIPPER WITH FUSIBLE RIB LAYER</b> [54] <b>FERMETURE A GLISSIERE REUTILISABLE A COUCHE NERVUREE THERMOFUSIBLE</b> [72] MATTHEWS, DAVE J., US [71] ILLINOIS TOOL WORKS INC., US [22] 2000-01-13 [43] 2000-08-10 [30] US (09/247,875) 1999-02-10</p>	<p style="text-align: right;">[21] <b>2,295,410</b> [13]</p> <p>[51] <b>Int.Cl. 7B01J 19/32</b> [25] EN [54] <b>FILLER BODY WITH A CROSS CHANNEL STRUCTURE</b> [54] <b>CORPS DE REMPLISSAGE AVEC STRUCTURE A CANAUX CROISES</b> [72] KESSLER, ALWIN, CH [71] SULZER CHEMTECH AG, CH [22] 2000-01-13 [43] 2000-08-12 [30] EP (99 810 130.7) 1999-02-12</p>	<p style="text-align: right;">[21] <b>2,296,180</b> [13]</p> <p>[51] <b>Int.Cl. 7H02K 11/00 7H02K 5/14</b> [25] EN [54] <b>THERMAL PROTECTION APPARATUS FOR ELECTRIC MOTORS</b> [54] <b>APPAREIL DE PROTECTION THERMIQUE POUR LES MOTEURS ELECTRIQUES</b> [72] BERFIELD, ROBERT C., US [71] SHOP VAC CORPORATION, US [22] 2000-01-17 [43] 2000-08-12 [30] US (09/249,518) 1999-02-12</p>
<p style="text-align: right;">[21] <b>2,296,233</b> [13]</p> <p>[51] <b>Int.Cl. 7F16H 59/14</b> [25] EN [54] <b>METHOD OF ADJUSTING AN ENGINE LOAD SIGNAL USED BY A TRANSMISSION CONTROLLER</b> [54] <b>METHODE D'ADAPTATION D'UN SIGNAL DE CHARGE DE MOTEUR PAR UN CONTROLEUR D'EMISSION</b> [72] GOODNIGHT, TRENT LYNN, US [71] DEERE &amp; COMPANY, US [22] 2000-01-18 [43] 2000-08-12 [30] US (09/250,780) 1999-02-12</p>		

Canadian Laid-Open Applications  
August 6, 2000 - August 12, 2000

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[21] **2,296,236**  
[13] A1  
[51] **Int.Cl. 7F16J 9/00 7F16J 15/34**  
[25] EN  
[54] **SEAL ASSEMBLY**  
[54] **JOINT D'ETANCHEITE**  
[72] ZITTING, RICHARD D., US  
[71] MACROTECH POLYSEAL, INC., US  
[22] 2000-01-18  
[43] 2000-08-09  
[30] US (247,252) 1999-02-09

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[21] **2,296,254**  
[13] A1  
[51] **Int.Cl. 7F04B 25/00**  
[25] EN  
[54] **TWO STAGE OIL FREE AIR COMPRESSOR**  
[54] **COMPRESSEUR D'AIR A PISTON SEC A DEUX ETAGES**  
[72] WOOD, MARK W., US  
[71] DEVILBISS AIR POWER COMPANY, US  
[22] 2000-01-19  
[43] 2000-08-09  
[30] US (09/247,705) 1999-02-09

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[21] **2,296,422**  
[13] A1  
[51] **Int.Cl. 7B01D 39/08 7E02B 11/00 7B01D 29/17**  
[25] EN  
[54] **FILTER**  
[54] **FILTRE**  
[72] DE BOER, ANTHONY, CA  
[71] SYFILCO LTD., CA  
[22] 2000-01-19  
[43] 2000-08-09  
[30] US (60/199,352) 1999-02-09

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[21] **2,296,630**  
[13] A1  
[51] **Int.Cl. 7B60P 1/28 7B62D 33/00 7B65D 88/22 7B65D 88/62**  
[25] EN  
[54] **WASTE CONCRETE CONTAINER**  
[54] **CONTENEUR POUR BETON MIS AU REBUT**  
[72] WELTON, RICHARD J., US  
[71] TXI OPERATIONS, LP, US  
[22] 2000-01-18  
[43] 2000-08-08  
[30] US (09/246,403) 1999-02-08

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[21] **2,296,795**  
[13] A1  
[51] **Int.Cl. 7E02D 29/02 7E04H 17/00**  
[25] EN  
[54] **METHOD OF CONSTRUCTING FENCES AND WINDBREAKS FROM USED TIRES**  
[54] **METHODE DE CONSTRUCTION DE CLOTURES ET DE BRISE-VENT AVEC DES PNEUS USAGES**  
[72] STEFFANSON, PAUL, CA  
[71] STEFFANSON, PAUL, CA  
[22] 2000-01-13  
[43] 2000-08-06

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[21] **2,296,808**  
[13] A1  
[51] **Int.Cl. 7C30B 30/02**  
[25] EN  
[54] **ELECTROCHEMICAL PROCESS FOR FABRICATING ARTICLE EXHIBITING SUBSTANTIAL THREE-DIMENSIONAL ORDER AND RESULTANT ARTICLE**  
[54] **PROCEDE ELECTROCHIMIQUE POUR LA FABRICATION D'ARTICLES AYANT UNE IMPORTANTE STRUCTURE TRIDIMENTIONNELLE ORDONNEE ET ARTICLE AINSI FABRIQUE**  
[72] BRAUN, PAUL VANNEST, US  
[72] WILTZIUS, PIERRE, US  
[72] STEIGERWALD, MICHAEL LOUIS, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-01-24  
[43] 2000-08-11  
[30] US (09/248,858) 1999-02-11

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[21] **2,296,810**  
[13] A1  
[51] **Int.Cl. 7H04M 3/487 7H04L 12/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REMOTELY ACCESSING CALL ORIGINATION INFORMATION**  
[54] **METHODE ET DISPOSITIF D'ACCES A DISTANCE A L'INFORMATION DE PROVENANCE DES APPELS**  
[72] HENDERSON, DONNIE, US  
[71] AT&T CORP., US  
[22] 2000-01-24  
[43] 2000-08-10  
[30] US (09/244,989) 1999-02-10

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[21] **2,296,819**  
[13] A1  
[51] **Int.Cl. 7H01L 21/02**  
[25] EN  
[54] **PROCESS FOR FABRICATING ARTICLE EXHIBITING SUBSTANTIAL THREE-DIMENSIONAL MICRON-SCALE ORDER AND RESULTANT ARTICLE**  
[54] **PROCEDE POUR LA FABRICATION D'ARTICLES AYANT UNE IMPORTANTE STRUCTURE TRIDIMENSIONNELLE ORDONNEE D'ECHELLE MICROMETRIQUE ET ARTICLE AINSI FABRIQUE**  
[72] WILTZIUS, PIERRE, US  
[72] PATEL, SANJAY, US  
[72] BRAUN, PAUL VANNEST, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-01-24  
[43] 2000-08-11  
[30] US (09/248,577) 1999-02-11

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[21] **2,296,825**  
[13] A1  
[51] **Int.Cl. 7H01R 39/08 7H05K 1/00 7H05K 3/10 7H01R 43/10**  
[25] EN  
[54] **ELECTRICAL SLIP RING HAVING A HIGHER CIRCUIT DENSITY**  
[54] **BAGUE COLLECTRICE ELECTRIQUE AYANT UNE DENSITE SUPERIEURE DE CIRCUITS**  
[72] VAUGHT, LARRY DEAN, US  
[72] WHITHERSPOON, BARRY KENT, US  
[71] LITTON SYSTEMS, INC., US  
[22] 2000-01-24  
[43] 2000-08-08  
[30] US (09/246,098) 1999-02-08

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[21] **2,296,879**  
[13] A1  
[51] **Int.Cl. 7F27D 17/00 7C21C 5/00 7F22B 1/18**  
[25] EN  
[54] **PROCESS FOR THE TREATMENT OF STEEL WORK GASES**  
[54] **PROCEDE DE TRAITEMENT DES GAZ D'ACIERIE**  
[72] AVART, PASCAL, FR  
[72] GIRARD, JÉROME, FR  
[72] MURE, GENEVIEVE, FR  
[72] POUSSET, EMMANUEL, FR  
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES, FR  
[22] 2000-01-24  
[43] 2000-08-11  
[30] FR (99 01599) 1999-02-11

**Demandes canadiennes mises à la disponibilité du public**  
**6 août 2000 - 12 août 2000**

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[21] **2,296,916**  
[13]

[51] **Int.Cl. 7H03D 3/00 7G01R 31/316**  
[25] EN  
[54] **BUILT-IN SELF TEST FOR A SATELLITE DEMODULATOR**  
[54] **AUTO-ESSAI INTEGRE POUR DEMODULATEUR DE SATELLITE**  
[72] MORETTI, VINCENT C., US  
[72] NIU, EDWARD L., US  
[72] LIU, SAM H., US  
[71] TRW INC., US  
[22] 2000-01-25  
[43] 2000-08-12  
[30] US (09/249,908) 1999-02-12

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[21] **2,296,946**  
[13] A1

[51] **Int.Cl. 7H04M 3/493 7H04Q 7/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR TRANSMISSION AND DELIVERY OF TRAVEL INSTRUCTIONS TO INFORMATIONAL APPLIANCES**  
[54] **SYSTEME ET METHODE DE TRANSMISSION ET DE LIVRAISON D'INSTRUCTIONS DE VOYAGE A DES DISPOSITIFS D'INFORMATION**  
[72] LADD, DAVID J., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-01-26  
[43] 2000-08-10  
[30] US (09/248,077) 1999-02-10

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[21] **2,296,958**  
[13]

[51] **Int.Cl. 7H02H 3/26**  
[25] EN  
[54] **DETECTION OF SUB-CYCLE SELF-CLEARING FAULTS**  
[54] **DETECTION DE DEFAILLANCES AUTOCORRECTIVES EN MOINS D'UN CYCLE**  
[72] NEWTON, TIMOTHY T., US  
[72] KOJOVIC, LJUBOMIR A., US  
[71] MCGRAW-EDISON COMPANY, US  
[22] 2000-01-25  
[43] 2000-08-12  
[30] US (09/249,190) 1999-02-12

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[21] **2,296,968**  
[13]

[51] **Int.Cl. 7H04L 29/02 7H04N 5/50**  
[25] EN  
[54] **WIDEBAND PARALLEL PROCESSING DIGITAL TUNER**  
[54] **DISPOSITIF D'ACCORD NUMERIQUE DE TRAITEMENT EN PARALLELE LARGE BANDE**  
[72] NIU, EDWARD L., US  
[72] LIU, SAM H., US  
[72] CASO, GREGORY S., US  
[71] TRW INC., US  
[22] 2000-01-25  
[43] 2000-08-12  
[30] US (09/249,904) 1999-02-12

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[21] **2,296,991**  
[13] A1

[51] **Int.Cl. 7F16B 19/00 7F16B 13/08 7F16B 21/08**  
[25] EN  
[54] **FASTENER PROVIDED WITH A SNAPPING-IN FOOT TO BE PUSHED IN THROUGH A HOLE IN A PANEL**  
[54] **ATTACHE COMPORTANT UNE PATTE A ENCLenchEMENT DESTINEE A ETRE INSEREE DANS UN ORIFICE DANS UN PANNEAU**  
[72] CASTRO, DOMINIQUE, FR  
[71] I.T.W. DE FRANCE, FR  
[22] 2000-01-26  
[43] 2000-08-09  
[30] FR (9901501) 1999-02-09

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[21] **2,297,138**  
[13]

[51] **Int.Cl. 7B65D 47/08**  
[25] EN  
[54] **CONTAINER WITH DISPENSING ASSEMBLY**  
[54] **CONTENANT A DISTRIBUTEUR**  
[72] HASHIMOTO, MASAYA, JP  
[71] DART INDUSTRIES INC., US  
[22] 2000-01-26  
[43] 2000-08-12  
[30] US (09/250,041) 1999-02-12

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[21] **2,297,218**  
[13] A1

[51] **Int.Cl. 7B27K 3/00**  
[25] EN  
[54] **METHOD OF MAINTAINING THE INTEGRITY OF A WOOD STRUCTURE BY THE USE OF A CHEMICAL TREATMENT AGENT**  
[54] **METHODE DE MAINTIEN DE L'INTEGRITE D'UNE STRUCTURE EN BOIS PAR L'APPLICATION D'UN AGENT DE TRAITEMENT CHIMIQUE**  
[72] NORTON, KENNETH J., US  
[71] OSMOSE, INC., US  
[22] 2000-01-26  
[43] 2000-08-10  
[30] US (09/248,397) 1999-02-10

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[21] **2,297,257**  
[13] A1

[51] **Int.Cl. 7H01H 13/70**  
[25] FR  
[54] **DISPOSITIF DE GESTION D'UN CLAVIER A TOUCHES**  
[54] **BUTTON KEY PAD MANAGEMENT DEVICE**  
[72] ATTIMONT, LUC, FR  
[72] BODIN, JANNICK, FR  
[71] ALCATEL, FR  
[22] 2000-01-21  
[43] 2000-08-11  
[30] FR (99 01 608) 1999-02-11

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[21] **2,297,291**  
[13] A1

[51] **Int.Cl. 7C22C 38/06 7C21D 8/02 7C22C 38/18 7B21B 1/26**  
[25] EN  
[54] **HIGH TENSILE STRENGTH HOT-ROLLED STEEL SHEET AND METHOD OF PRODUCING THE SAME**  
[54] **FEUILLE D'ACIER LAMINEE A CHAUD DE FORTE RESISTANCE A LA TRACTION ET METHODES POUR SA PRODUCTION**  
[72] KANEKO, SINJIRO, JP  
[72] SHIMIZU, TETSUO, JP  
[72] FURUKIMI, OSAMU, JP  
[71] KAWASAKI STEEL CORPORATION, JP  
[22] 2000-01-18  
[43] 2000-08-09  
[30] JP (11-031353) 1999-02-09

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August 6, 2000 - August 12, 2000

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[21] **2,297,391**  
[13] A1  
[51] **Int.Cl. 7F16K 17/36 7F16K 17/164 7F16K 31/56**  
[25] EN  
[54] **VALVE ACTUATOR WITH EMERGENCY SHUTDOWN FEATURE**  
[54] **ACTIONNEUR DE ROBINET MUNI D'UN DISPOSITIF D'ARRET D'URGENCE**  
[72] BAKER, GERALD, US  
[71] COOPER CAMERON CORPORATION, US  
[22] 2000-01-28  
[43] 2000-08-11  
[30] US (09/248,660) 1999-02-11

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[21] **2,297,419**  
[13] A1  
[51] **Int.Cl. 7H05B 41/288**  
[25] EN  
[54] **CIRCUIT ARRANGEMENT FOR OPERATING AT LEAST ONE LOW-PRESSURE DISCHARGE LAMP**  
[54] **CONFIGURATION DE CIRCUIT POUR L'EXPLOITATION D'AU MOINS UNE LAMPE A DECHARGE A BASSE PRESSION**  
[72] RUDOLPH, BERND, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 2000-01-28  
[43] 2000-08-11  
[30] DE (19905487.8) 1999-02-11

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[21] **2,297,430**  
[13] A1  
[51] **Int.Cl. 7B25C 1/10**  
[25] EN  
[54] **EXPLOSIVE POWDER ACTUATED SETTINGTOOL**  
[54] **OUTIL DE POSE ACTIONNE PAR UNE POUDRE EXPLOSIVE**  
[72] EHMIG, GERHARD, AT  
[71] HILTI AKTIENGESELLSCHAFT, LI  
[22] 2000-01-28  
[43] 2000-08-09  
[30] DE (199 05 216.6) 1999-02-09

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[21] **2,297,521**  
[13] A1  
[51] **Int.Cl. 7B65D 47/06**  
[25] EN  
[54] **BEVERAGE CONTAINER WITH CAP AND SPOUT**  
[54] **CONTENANT A BOISSONS A COUVERCLE ET BEC**  
[72] CAUTEREELS, VICTOR J. J., BE  
[72] BACKAERT, DIMITRI M. C. J., BE  
[71] DART INDUSTRIES INC., US  
[22] 2000-01-31  
[43] 2000-08-10  
[30] US (09/248,240) 1999-02-10

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[21] **2,297,522**  
[13] A1  
[51] **Int.Cl. 7H04B 10/14 7H04B 10/24**  
[25] EN  
[54] **LIGHT TRANSMITTING/RECEIVING MODULE**  
[54] **MODULE EMETTEUR-RECEPTEUR DE LUMIERE**  
[72] KUHARA, YOSHIKI, JP  
[72] NAKANISHI, HIROMI, JP  
[71] NHK SPRING CO., LTD., JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 2000-02-01  
[43] 2000-08-09  
[30] JP (11-30855) 1999-02-09

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[21] **2,297,553**  
[13] A1  
[51] **Int.Cl. 7A01K 39/01**  
[25] EN  
[54] **BIRD FEEDER**  
[54] **MANGEOIRE D'OISEAUX**  
[72] COTE, PAUL, CA  
[71] COTE, PAUL, CA  
[22] 2000-02-01  
[43] 2000-08-10  
[30] US (60/119,444) 1999-02-10  
[30] US (60/150,940) 1999-08-16

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[21] **2,297,585**  
[13] A1  
[51] **Int.Cl. 7B23B 51/00**  
[25] EN  
[54] **LASER-CLAD COMPOSITE CUTTING TOOL AND METHOD**  
[54] **OUTIL DE COUPE COMPOSITE PLAQUE AU LASER ET METHODE CONNEXE**  
[72] BOYER, RONALD E., US  
[71] ALVORD-POLK, INC., US  
[22] 2000-02-02  
[43] 2000-08-08  
[30] US (247,470) 1999-02-08

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[21] **2,297,590**  
[13] A1  
[51] **Int.Cl. 7B01D 53/047**  
[25] EN  
[54] **SINGLE BED PRESSURE SWING ADSORPTION PROCESS AND SYSTEM**  
[54] **PROCEDE ET SYSTEME D'ADSORPTION MODULEE EN PRESSION SUR LIT SIMPLE**  
[72] NAHEIRI, TARIK, US  
[71] AIR PRODUCTS AND CHEMICALS, INC., US  
[22] 2000-02-02  
[43] 2000-08-09  
[30] US (09/246,517) 1999-02-09

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[21] **2,297,591**  
[13] A1  
[51] **Int.Cl. 7F17D 1/02 7F17D 3/00 7B01D 53/053**  
[25] EN  
[54] **PRESSURE SWING ADSORPTION GAS FLOW CONTROL METHOD AND SYSTEM**  
[54] **METHODE ET SYSTEME DE CONTROLE DU FLUX DE GAZ PAR ADSORPTION MODULEE EN PRESSION**  
[72] NAHEIRI, TARIK, US  
[71] AIR PRODUCTS AND CHEMICALS, INC., US  
[22] 2000-02-02  
[43] 2000-08-09  
[30] US (09/246,515) 1999-02-09

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**6 août 2000 - 12 août 2000**

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[21] **2,297,613**  
[13] A1

[51] **Int.Cl. 7C12P 19/40 7C07H 21/04 7C12P 19/30**  
[25] EN  
[54] **PROCESS FOR PRODUCING PURINE NUCLEOTIDES**  
[54] **PROCEDE DE PRODUCTION DE NUCLEOTIDES PURIQUES**  
[72] IKEDA, MASATO, JP  
[72] TAKANO, YUTAKA, JP  
[72] FUJIO, TATSURO, JP  
[71] KYOWA HAKKO KOGYO CO., LTD., JP  
[22] 2000-02-02  
[43] 2000-08-08  
[30] JP (29738/99) 1999-02-08

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[21] **2,297,632**  
[13] A1

[51] **Int.Cl. 7H01R 13/646 7H01R 9/05**  
[25] EN  
[54] **COAXIAL CONNECTORS MOUNTED BACK-TO-BACK ON BACKPLANE**  
[54] **CONNECTEURS COAXIAUX MONTES DOS-A-DOS SUR UNE CARTE DE FOND DE PANIER**  
[72] MYERS, DALE BRUCE, US  
[71] GENERAL INSTRUMENT CORPORATION, US  
[22] 2000-02-02  
[43] 2000-08-10  
[30] US (09/248,144) 1999-02-10

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[21] **2,297,636**  
[13] A1

[51] **Int.Cl. 7C07C 255/19 7C07C 253/30**  
[25] EN  
[54] **PROCESS FOR PREPARING CYANOACETIC ESTERS**  
[54] **PROCEDE DE PREPARATION DE CYANOACETATES**  
[72] HANSELMANN, PAUL, CH  
[72] HILDBRAND, STEFAN, CH  
[71] LONZA AG, CH  
[22] 2000-02-03  
[43] 2000-08-09  
[30] EP (99102286.4) 1999-02-09

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[21] **2,297,638**  
[13] A1

[51] **Int.Cl. 7C10G 9/00 7C10G 11/00 7C10G 47/00**  
[25] EN  
[54] **PROCESS FOR THERMAL, AND OPTIONALLY CATALYTIC UPGRADING AND HYDROGENATION OF HYDROCARBONS**  
[54] **PROCEDE POUR LA VALORISATION ET L'HYDROGENATION THERMIQUES ET, AU BESOIN, CATALYTIQUES DES HYDROCARBURES**  
[72] ELLINGSEN, OLAV, NO  
[71] INDUSTRIKONTAKT, ING. O. ELLINGSEN & CO., NO  
[22] 2000-02-03  
[43] 2000-08-11  
[30] NO (19990650) 1999-02-11

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[21] **2,297,646**  
[13] A1

[51] **Int.Cl. 7B25C 1/16**  
[25] EN  
[54] **CARTRIDGE MAGAZINE CHARGEUR A CARTOUCHES**  
[72] HEEB, NORBERT, CH  
[72] EHMIG, GERHARD, AT  
[71] HILTI AKTIENGESELLSCHAFT, LI  
[22] 2000-02-02  
[43] 2000-08-11  
[30] DE (199 05 548.3) 1999-02-11

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[21] **2,297,649**  
[13] A1

[51] **Int.Cl. 7B25C 1/10**  
[25] EN  
[54] **EXPLOSIVE POWDER CHARGE OPERATED SETTINGTOOL**  
[54] **OUTIL DE POSE ACTIONNE PAR UNE CHARGE DE POUDRE EXPLOSIVE**  
[72] EHMIG, GERHARD, AT  
[71] HILTI AKTIENGESELLSCHAFT, LI  
[22] 2000-02-02  
[43] 2000-08-11  
[30] DE (199 05 896.2) 1999-02-11

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[21] **2,297,684**  
[13]

[51] **Int.Cl. 7F42B 6/06 7F41B 5/22**  
[25] EN  
[54] **ARROW FLIGHT STABILISER ATTACHMENT**  
[54] **DISPOSITIF DE FIXATION POUR STABILISATEUR DE TRAJECTOIRE DE FLECHE**  
[72] OSSEGE, JOHANNES, DE  
[71] OSSEGE, JOHANNES, DE  
[22] 2000-02-01  
[43] 2000-08-12  
[30] DE (199 05 828.8) 1999-02-12

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[21] **2,297,694**  
[13]

[51] **Int.Cl. 7C12N 5/12 7C07K 16/10 7G01N 33/569 7G01N 33/577 7C12Q 1/70**  
[25] EN  
[54] **ANTIBODIES AND DIAGNOSTIC METHODS FOR THE DIAGNOSIS OF PESTVIRUSES**  
[54] **ANTICORPS ET METHODES DIAGNOSTIQUES POUR LE DIAGNOSTIC DE VIRUS DE LA PESTE**  
[72] BAUMEISTER, JUDITH, DE  
[72] KONIG, MATTHIAS, DE  
[72] THIEL, HEINZ JURGEN, DE  
[72] STARK, ROBERT, DE  
[71] AKZO NOBEL N.V., NL  
[22] 2000-02-02  
[43] 2000-08-12  
[30] EP (99200430.9) 1999-02-12

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[21] **2,297,704**  
[13]

[51] **Int.Cl. 7A61G 17/08**  
[25] EN  
[54] **DEVICE FOR SCATTERING CREMATION REMAINS**  
[54] **DISPOSITIF D'EPANDAGE DE RESIDUS DE CREMATION**  
[72] THESKEN, MARK H., US  
[72] SOMTRAKOOL, SAMACHA, US  
[71] BATESVILLE SERVICES, INC., US  
[22] 2000-02-03  
[43] 2000-08-12  
[30] US (60/119,869) 1999-02-12

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[21] **2,297,714**  
[13] A1  
[51] **Int.Cl. 7B67D 5/37 7B60S 5/02 7G05D 3/12**  
[25] EN  
[54] **SYSTEM AND METHODS FOR DELIVERING FUEL AND FOR ALIGNING ELEMENTS OF A FUEL DELIVERY SYSTEM**  
[54] **SYSTEME ET METHODES DE DISTRIBUTION DE CARBURANT ET D'ALIGNEMENT DES ELEMENTS DU SYSTEME DE DISTRIBUTION DE CARBURANT**  
[72] AGUILAR, FREDDIE S., US  
[71] AGUILAR, FREDDIE S., US  
[22] 2000-01-31  
[43] 2000-08-11  
[30] US (09/248,545) 1999-02-11

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[21] **2,297,878**  
[13] A1  
[51] **Int.Cl. 7G11C 7/00**  
[25] EN  
[54] **SYNCHRONOUS MEMORY**  
[54] **MEMOIRE SYNCHRONE**  
[72] JOHNSTON, DAVID, GB  
[72] ALBON, RICHARD, GB  
[72] MARTIN, ALAN, GB  
[71] MITEL SEMICONDUCTOR LIMITED, GB  
[22] 2000-02-03  
[43] 2000-08-06  
[30] GB (9902561.1) 1999-02-06

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[21] **2,297,985**  
[13] A1  
[51] **Int.Cl. 7E21D 21/00**  
[25] EN  
[54] **ROCK BOLT**  
[54] **BOULON D'ANCRAGE**  
[72] SWEMMER, THEODORE DANIEL, ZA  
[71] HUGOTEK (PROPRIETARY) LIMITED, ZA  
[22] 2000-02-03  
[43] 2000-08-07  
[30] ZA (98/11147) 1999-02-07

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[21] **2,297,992**  
[13] A1  
[51] **Int.Cl. 7H04B 10/12 7H04J 14/02 7H04B 10/04 7H04B 10/06**  
[25] EN  
[54] **AN OPTICAL TRANSMISSION SYSTEM AND TRANSMITTERS AND RECEIVERS**  
[54] **SYSTEME DE TRANSMISSION OPTIQUE ET EMETTEURS ET RECEPTEURS**  
[72] PFEIFFER, THOMAS, DE  
[71] ALCATEL, FR  
[22] 2000-02-04  
[43] 2000-08-06  
[30] DE (199 04 940.8) 1999-02-06

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[21] **2,298,020**  
[13] A1  
[51] **Int.Cl. 7A61K 7/02 7A61K 7/06 7A61K 7/40 7A61K 7/48**  
[25] FR  
[54] **UTILISATION DE PARTICULES D'UN ORGANOPOLYSILOXANE HYDROPHILE DANS UNE COMPOSITION DE MAQUILLAGE OU DE SOIN RESISTANTE A L'EAU**  
[54] **USE OF PARTICLES FROM A HYDROPHILIC ORGANOPOLYSILOXANE IN A WATER-RESISTANT MAKE-UP OR CARE COMPOUND**  
[72] BARA, ISABELLE, FR  
[71] L'OREAL, FR  
[22] 2000-02-07  
[43] 2000-08-08  
[30] FR (99 01 447) 1999-02-08

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[21] **2,298,021**  
[13] A1  
[51] **Int.Cl. 7B25H 7/04**  
[25] FR  
[54] **MACHINE DE MARQUAGE**  
[54] **MARKING MACHINE**  
[72] CHESSARI, PATRICK, FR  
[72] THEROND, MARCEL, FR  
[71] TECHNIFOR S.A., FR  
[22] 2000-02-08  
[43] 2000-08-09  
[30] FR (99 01 665) 1999-02-09

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[21] **2,298,040**  
[13] A1  
[51] **Int.Cl. 7E02F 3/413 7E02F 3/47**  
[25] EN  
[54] **LOAD BEARING PIVOT ASSEMBLY PROVIDING A FLUID PATH**  
[54] **DISPOSITIF D'ARTICULATION PORTEUR COMPRENANT UN CIRCUIT POUR LE LIQUIDE**  
[72] KACZMARSKI, WALLY L., US  
[71] CLARK EQUIPMENT COMPANY, US  
[22] 2000-02-02  
[43] 2000-08-11  
[30] US (09/248,679) 1999-02-11

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[21] **2,298,043**  
[13] A1  
[51] **Int.Cl. 7B08B 15/04 7A47L 5/38**  
[25] EN  
[54] **WORKSHOP DUST COLLECTION APPARATUS AND METHOD**  
[54] **RAMASSE-POUSSIERES ET METHODE DE RAMASSAGE POUR ETABLI**  
[72] RHEA, STEVEN, US  
[72] BREAKFIELD, ROGER, US  
[71] EMERSON ELECTRIC CO., US  
[22] 2000-02-02  
[43] 2000-08-10  
[30] US (09/247,351) 1999-02-10

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[21] **2,298,048**  
[13] A1  
[51] **Int.Cl. 7B62D 5/00**  
[25] EN  
[54] **STEERING ASSEMBLY FOR MEANS OF TRANSPORT**  
[54] **DIRECTION POUR MOYEN DE TRANSPORT**  
[72] ROSSI, PAOLO, IT  
[72] KLUN, FRANCO, IT  
[71] FANTUZZI-REGGIANE S.P.A., IT  
[22] 2000-02-04  
[43] 2000-08-10  
[30] IT (M099A000019) 1999-02-10

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**6 août 2000 - 12 août 2000**

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[21] **2,298,058**  
[13] A1

[51] **Int.Cl. 7C03B 9/40**  
[25] EN  
[54] **SYNCHRONIZATION OF INDIVIDUAL SECTION MACHINE OPERATION TO GOB FEED IN A GLASSWARE FORMING SYSTEM**  
[54] **SYNCHRONISATION DU FONCTIONNEMENT DE MACHINES A SECTIONS INDIVIDUELLES RECEVANT LES PARAISONS DANS UN SYSTEME DE FABRICATION D'ARTICLES DE VERRE**  
[72] LEIDY, D. WAYNE, US  
[72] FARKAS, DANIEL STEPHEN, US  
[72] SHINABERRY, DEREK, US  
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US  
[22] 2000-02-04  
[43] 2000-08-08  
[30] US (09/247,797) 1999-02-08

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[21] **2,298,071**  
[13] A1

[51] **Int.Cl. 7A61K 7/13 7A61K 7/021 7A61K 7/043 7A61K 7/42**  
[25] FR  
[54] **UTILISATION DE COMPOSES POLYCYCLIQUES CONDENSES CATIONIQUES EN TEINTURE DES MATIERES KERATINIQUES, COMPOSITIONS TINCTORIALES ET PROCEDES DE TEINTURE**  
[54] **USE OF CATIONIC CONDENSED POLYCYCLIC COMPOUNDS IN DYES FOR KERATINOUS MATERIALS, DYE COMPOUNDS AND DYEING PROCESSES**  
[72] LAGRANGE, ALAIN, FR  
[72] VANDENBOSSCHE, JEAN JACQUES, FR  
[71] L'OREAL, FR  
[22] 2000-02-08  
[43] 2000-08-09  
[30] FR (99 01 504) 1999-02-09  
[30] FR (99 04 185) 1999-04-02

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[21] **2,298,072**  
[13] A1

[51] **Int.Cl. 7G01N 25/08**  
[25] FR  
[54] **DISPOSITIF EBULLIOMETRIQUE POUR MESURER AVEC GRANDE PRECISION UN PARAMETRE PHYSIQUE DE SUBSTANCES LIQUIDES**  
[54] **EBULLIOMETRY DEVICE TO MEASURE WITH GREAT PRECISION A PHYSICAL PARAMETER OF LIQUID SUBSTANCES**  
[72] VELLUT, DAVID, FR  
[72] BEHAR, EMMANUEL, FR  
[72] JOSE, JACQUES, FR  
[71] L'INSTITUT FRANCAIS DU PETROLE, FR  
[22] 2000-02-08  
[43] 2000-08-09  
[30] FR (99 01 541) 1999-02-09

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[21] **2,298,079**  
[13] A1

[51] **Int.Cl. 7A47J 27/21**  
[25] EN  
[54] **WATER FILTER DEVICE WITH BOILING JUG**  
[54] **DISPOSITIF DE FILTRAGE D'EAU AVEC POT D'EBULLITION**  
[72] HENKE, HOLGER, DE  
[72] WEYRAUCH, DETLEV, DE  
[71] BRITA GMBH, DE  
[22] 2000-02-02  
[43] 2000-08-11  
[30] DE (199 05 600.5) 1999-02-11

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[21] **2,298,083**  
[13] A1

[51] **Int.Cl. 7D21C 5/00**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR REMOVING SOLIDS FROM AN AQUEOUS PAPER FIBER SUSPENSION**  
[54] **PROCEDE ET DISPOSITIF DE RETRAIT DES SOLIDES EN SUSPENSION DANS UN MILIEU AQUEUX DE FIBRES DE PAPIER**  
[72] KRIEBEL, ALMUT, DE  
[72] KEMPER, MARTIN, DE  
[72] GOMMEL, AXEL, DE  
[71] VOITH SULZER PAPIERTECHNIK PATENT GMBH, DE  
[22] 2000-02-03  
[43] 2000-08-10  
[30] DE (199 05 439.8) 1999-02-10

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[21] **2,298,098**  
[13] A1

[51] **Int.Cl. 7H04N 7/32 7H04N 7/64**  
[25] EN  
[54] **METHOD AND DEVICE FOR CONTROL AND COMPATIBLE DELIVERY OF DIGITALLY COMPRESSED VISUAL DATA IN A HETEROGENEOUS COMMUNICATION NETWORK**  
[54] **METHODE ET DISPOSITIF DE COMMANDE ET DE DISTRIBUTION COMPATIBLES DE DONNEES VISUELLES NUMERIQUES COMPRIEES DANS UN RESEAU DE COMMUNICATIONS HETEROGEN**  
[72] BANHAM MARK R., US  
[72] CHAN, CHEUK L., US  
[72] BRAILEAN, JAMES C., US  
[72] WEN, JIANGTAO, US  
[72] AL-SHAYKH, OSAMA, US  
[71] PACKETVIDEO CORPORATION, US  
[22] 2000-02-04  
[43] 2000-08-11  
[30] US (09/248462) 1999-02-11

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[21] **2,298,110**  
[13] A1

[51] **Int.Cl. 7E01B 33/00 7E01B 29/04**  
[25] EN  
[54] **A METHOD OF CORRECTING THE POSITION OF A TRACK**  
[54] **METHODE DE CORRECTION DE LA POSITION D'UN RAIL**  
[72] LICHTBERGER, BERNHARD, AT  
[72] THEURER, JOSEF, AT  
[71] FRANZ PLASSER BAHNBAUMASCHINEN-INDUSTRIEGESELLSCHAFT M.B.H., AT  
[22] 2000-02-09  
[43] 2000-08-10  
[30] AT (A 184/99) 1999-02-10

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[21] **2,298,111**  
[13] A1

[51] **Int.Cl. 7B23B 51/08**  
[25] EN  
[54] **SPADE DRILL**  
[54] **FORET A LANGUE D'ASPIC**  
[72] COLE, JOHN M., US  
[71] COLE CARBIDE INDUSTRIES, INC., US  
[22] 2000-02-09  
[43] 2000-08-10  
[30] US (60/119,436) 1999-02-10

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August 6, 2000 - August 12, 2000

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[21] **2,298,112**  
[13] A1  
[51] **Int.Cl. 7F16H 47/02 7F16H 57/02 7B60K 17/10**  
[25] EN  
[54] **HYDROSTATIC TRANSAXLE HAVING AXIAL PISTON MOTOR AND METHOD FOR MANUFACTURING TRANSAXLES**  
[54] **BOITE-PONT HYDROSTATIQUE COMPRENANT UN MOTEUR A PISTONS AXIAUX ET METHODE DE FABRICATION DE BOITES-PONTS**  
[72] RUEBUSCH, RICHARD T., US  
[72] JOLLIFF, NORMAN E., US  
[72] TWADDLE, GARY G., US  
[72] DOWEN, GORDON C., US  
[71] TECUMSEH PRODUCTS COMPANY, US  
[22] 2000-02-09  
[43] 2000-08-09  
[30] US (60/119,381) 1999-02-09  
[30] US (60/145,619) 1999-07-26

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[21] **2,298,119**  
[13] A1  
[51] **Int.Cl. 7A61B 17/00**  
[25] EN  
[54] **PERCUTANEOUS DEVICE ANCHORING SYSTEM**  
[54] **SYSTEME D'ANCRAGE DE DISPOSITIF PERCUTANE**  
[72] CRAGG, ANDREW H., US  
[71] CRAGG, ANDREW H., US  
[22] 2000-02-08  
[43] 2000-08-08  
[30] US (09/246,628) 1999-02-08

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[21] **2,298,120**  
[13] A1  
[51] **Int.Cl. 7H01M 2/16**  
[25] EN  
[54] **SEPARATOR FOR FUEL CELL AND SOLID POLYMER TYPE FUEL CELL USING SAID SEPARATOR**  
[54] **SEPARATEUR POUR PILE A COMBUSTIBLE ET PILE A COMBUSTIBLE A POLYMERES SOLIDES REALISEE AVEC CE SEPARATEUR**  
[72] HAGIWARA, ATSUSHI, JP  
[72] YAMAMOTO, SEIJI, JP  
[72] SAITO, KAZUO, JP  
[71] NISSHINBO INDUSTRIES, INC., JP  
[22] 2000-02-08  
[43] 2000-08-09  
[30] JP (11-31040) 1999-02-09

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[21] **2,298,129**  
[13] A1  
[51] **Int.Cl. 7A61M 16/06**  
[25] EN  
[54] **GAS DELIVERY CONNECTION ASSEMBLY**  
[54] **DISPOSITIF DE RACCORDEMENT POUR L'APPROVISIONNEMENT EN GAZ**  
[72] LITHGOW, PERRY DAVID, AU  
[72] KWOK, PHILIP RODNEY, AU  
[72] GUNARATNAM, MICHAEL KASSIPILLAI, AU  
[71] RESMED LTD., AU  
[22] 2000-02-08  
[43] 2000-08-09  
[30] AU (PP 8550) 1999-02-09

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[21] **2,298,130**  
[13] A1  
[51] **Int.Cl. 7C08K 5/101 7C08C 19/00 7C08L 17/00 7C08L 95/00 7C08K 5/09 7C08J 3/12**  
[25] EN  
[54] **GROUND ELASTOMER AND METHOD**  
[54] **ELASTOMERE BROYE ET METHODE**  
[72] ROUSE, MICHAEL W., US  
[72] DEEB, VICTOR M., US  
[71] R & D TECHNOLOGY, INC., US  
[22] 2000-02-08  
[43] 2000-08-10  
[30] US (09/247,569) 1999-02-10

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[21] **2,298,133**  
[13] A1  
[51] **Int.Cl. 7A61K 7/42**  
[25] EN  
[54] **COSMETIC LIGHT SCREENING COMPOSITION**  
[54] **COMPOSITIONS COSMETIQUES DE FILTRAGE DE LA LUMIERE**  
[72] GONZENBACH, HANS ULRICH, CH  
[72] SCHWARZENBACH, ROLF, CH  
[72] SIDRAC, DOMINIQUE, FR  
[72] BRINGHEN, ALAIN, CH  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 2000-02-04  
[43] 2000-08-08  
[30] EP (99102456.3) 1999-02-08

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[21] **2,298,135**  
[13] A1  
[51] **Int.Cl. 7A61M 1/12**  
[25] EN  
[54] **MAGNETICALLY SUSPENDED FLUID PUMP AND CONTROL SYSTEM**  
[54] **POMPE A SUSPENSION MAGNETIQUE POUR FLUIDE ET SYSTEME DE COMMANDE**  
[72] PREM, EDWARD K., US  
[71] VASCOR, INC., US  
[22] 2000-02-09  
[43] 2000-08-09  
[30] US (09/307,116) 1999-05-07  
[30] US (60/119,356) 1999-02-09

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[21] **2,298,137**  
[13] A1  
[51] **Int.Cl. 7F17C 5/06 7F04B 39/16**  
[25] EN  
[54] **FAST FILL METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL DE REMPLISSAGE RAPIDE**  
[72] SUGANO, HISAYUKI, JP  
[72] SARUTA, MASAMI, JP  
[72] KISHIDA, HAJIME, JP  
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP  
[22] 2000-02-08  
[43] 2000-08-08  
[30] JP (HEI 11-30593) 1999-02-08  
[30] JP (HEI 11-30607) 1999-02-08

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[21] **2,298,138**  
[13] A1  
[51] **Int.Cl. 7E21B 33/14**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR CEMENTING PIPE STRINGS IN WELL BORES**  
[54] **METHODES ET COMPOSES POUR LA CIMENTATION DES TRAINS DE TIGES DANS LES Puits DE FORAGE**  
[72] CHATTERJI, JITEN, US  
[72] CROMWELL, ROGER S., US  
[72] KING, BOBBY J., US  
[72] KUHLMAN, ROBERT D., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[22] 2000-02-09  
[43] 2000-08-09  
[30] US (09/247,813) 1999-02-09

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**6 août 2000 - 12 août 2000**

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[21] **2,298,139**  
[13] A1

[51] **Int.Cl. 7E21B 33/04**  
[25] EN  
[54] **WELLHEAD**  
[54] **TETE DE PUIITS**  
[72] MACK, ROBERT D., US  
[72] RING, LEV, US  
[72] HAUT, RICHARD CARL, US  
[72] BRISCO, DAVID PAUL, US  
[72] STEWART, R. BRUCE, NL  
[72] COOK, ROBERT LANCE, US  
[71] SHELL INTERNATIONALE  
RESEARCH MAATSCHAPPIJ B.V., NL  
[22] 2000-02-09  
[43] 2000-08-11  
[30] US (60/119,611) 1999-02-11

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[21] **2,298,144**  
[13]

[51] **Int.Cl. 7F16H 57/00 7F16H 57/02**  
[25] EN  
[54] **PIN FOR CONNECTING GEARS TO  
A SUPPORTING MEMBER, AND  
TRANSMISSION FEATURING SUCH A  
PIN**  
[54] **CLAVETTE DE LIAISON  
D'ENGRENAGES A UN ELEMENT  
PORTEUR, ET TRANSMISSION  
PORTANT CETTE CLAVETTE**  
[72] ODDONE, GIOVANNI, IT  
[72] ALTAMURA, PAOLO, IT  
[71] FIATAVIO S.P.A., IT  
[22] 2000-02-09  
[43] 2000-08-12  
[30] IT (TO99A 000109) 1999-02-12

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[21] **2,298,145**  
[13] A1

[51] **Int.Cl. 7H04M 1/253 7H04M 11/06**  
[25] EN  
[54] **PALM PC DOCKABLE PHONE**  
[54] **APPAREIL TELEPHONIQUE  
POUVANT ETRE CONNECTE A UN  
ORDINATEUR DE POCHE**  
[72] BIJMAN, ED, CA  
[72] ODDY, DOUGLAS, CA  
[72] PINARD, DEBBIE, CA  
[71] MITEL CORPORATION, CA  
[22] 2000-02-09  
[43] 2000-08-11  
[30] GB (9903042.1) 1999-02-11

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[21] **2,298,146**  
[13] A1

[51] **Int.Cl. 7B62D 7/16**  
[25] EN  
[54] **SYSTEM FOR LINKING A  
STEERING ROD TO A STEERING  
GEAR IN A STEERABLE VEHICLE OR  
A SNOWMOBILE**  
[54] **SYSTEME DE LIAISON D'UNE  
BIELLE DE DIRECTION A UN  
MECANISME DE DIRECTION DE  
VEHICULE A COMMANDE DE  
DIRECTION OU DE MOTONEIGE**  
[72] BESSETTE, ROBERT, CA  
[71] ROBERT BESSETTE TECHNOLOGIE  
INC., CA  
[22] 2000-02-09  
[43] 2000-08-10  
[30] CA (2,260,319) 1999-02-10

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[21] **2,298,150**  
[13] A1

[51] **Int.Cl. 7B25G 1/01 7A01B 1/02  
7E01H 5/02**  
[25] EN  
[54] **SHOCK ABSORBENT SHOVEL**  
[54] **PELLE A AMORTISSEUR**  
[72] KELEMEN, MICHAEL, CA  
[71] KELEMEN, MICHAEL, CA  
[22] 2000-02-09  
[43] 2000-08-09  
[30] US (09/246,813) 1999-02-09

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[21] **2,298,153**  
[13] A1

[51] **Int.Cl. 7F01N 11/00 7F01N 9/00  
7F01N 3/08**  
[25] EN  
[54] **A CLEANING APPARATUS FOR  
THE ADSORPTIVE CLEANING OF  
PROPELLENT GAS**  
[54] **UN APPAREIL DE NETTOYAGE  
POUR LE NETTOYAGE PAR  
ADSORPTION DE GAZ PROPULSEUR**  
[72] KUFFMEIER, RAINER, AT  
[72] BRANDT, ANDREAS, AT  
[71] JENBACHER  
AKTIENGESELLSCHAFT, AT  
[22] 2000-02-07  
[43] 2000-08-08  
[30] AT (A 159/99) 1999-02-08

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[21] **2,298,154**  
[13]

[51] **Int.Cl. 7F16D 65/12 7B22D 18/00  
7F16D 65/10**  
[25] EN  
[54] **ROTARY FRICTION MEMBER,  
AND PROCESS FOR PRODUCING THE  
SAME**  
[54] **ELEMENT DE FRICTION  
ROTATIF ET PROCEDE POUR SA  
PRODUCTION**  
[72] KITAMURA, KATSUHIRO, JP  
[72] NAKAMURA, KOJI, JP  
[72] NAKAO, YASUHIRO, JP  
[72] SHIBATA, KATSUHIRO, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 2000-02-07  
[43] 2000-08-12  
[30] JP (11-34663) 1999-02-12

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[21] **2,298,156**  
[13]

[51] **Int.Cl. 7A61K 7/42 7A61K 7/06**  
[25] FR  
[54] **COMPOSITIONS COSMETIQUES  
ANTISOLAIRES A BASE D'UN  
MELANGE SYNERGIQUE DE FILTRES  
ET UTILISATIONS**  
[54] **COSMETIC SUNSCREEN  
COMPOSITIONS BASED ON A  
SYNERGIC COMBINATION OF  
FILTERS AND USES**  
[72] CANDAU, DIDIER, FR  
[71] L'ORÉAL, FR  
[22] 2000-02-11  
[43] 2000-08-12  
[30] FR (99 01 730) 1999-02-12

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[21] **2,298,160**  
[13] A1

[51] **Int.Cl. 7H01M 8/08**  
[25] EN  
[54] **FUEL CELL**  
[54] **PILE A COMBUSTIBLE**  
[72] SUGITA, NARUTOSHI, JP  
[72] WARIISHI, YOSHINORI, JP  
[72] FUJII, YOSUKE, JP  
[72] SUZUKI, MASAHARU, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 2000-02-07  
[43] 2000-08-09  
[30] JP (11-31760) 1999-02-09

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August 6, 2000 - August 12, 2000

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[21] **2,298,163**  
[13] A1  
[51] **Int.Cl. 7H04L 29/02 7H04Q 7/36**  
[25] EN  
[54] **A NETWORK MANAGER AND METHOD THEREOF FOR A COMMUNICATION SYSTEM**  
[54] **GESTIONNAIRE DE RESEAU ET METHODE ASSOCIEE POUR SYSTEME DE COMMUNICATION**  
[72] KARCH, BRAD, US  
[72] KREMSKE, RANDALL G., US  
[72] PETERSON, LARRY M., US  
[72] AGARWAL, VIJAY, US  
[72] DUBINSKY, LANA S., US  
[72] CRAMER, KRISTIN, US  
[72] BALLEW, ELIZA, US  
[72] HARPER, JOHN D., US  
[72] MATZ, STEVEN A., US  
[71] MOTOROLA, INC., US  
[22] 2000-02-07  
[43] 2000-08-10  
[30] US (09/247,386) 1999-02-10

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[21] **2,298,164**  
[13]  
[51] **Int.Cl. 7F16D 69/04 7B21C 23/22 7C04B 41/88**  
[25] EN  
[54] **METHOD FOR MANUFACTURING ALUMINUM-BASED COMPOSITE PLATE**  
[54] **METHODE DE FABRICATION D'UNE PLAQUE COMPOSITE A BASE D'ALUMINIUM**  
[72] KATO, TAKASHI, JP  
[72] ECHIGO, TAKAHARU, JP  
[72] SHOJI, HIROTO, JP  
[72] SUGAYA, KUNITOSHI, JP  
[72] NAKAO, YASUHIRO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-02-11  
[43] 2000-08-12  
[30] JP (11-034795) 1999-02-12  
[30] JP (11-079405) 1999-03-24

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[21] **2,298,177**  
[13]  
[51] **Int.Cl. 7H04M 11/06**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PRIVATE SWITCHED BASED COMMUNICATION TO A NETWORK SITE DURING NETWORK SITE COMMUNICATION THROUGH A COMMUNICATION NETWORK**  
[54] **SYSTEME ET METHODE DE LIAISON COMMUTEE PRIVEE ENTRE UN COMMUTEUR ET UN EMPLACEMENT RESEAU AU MOYEN D'UN RESEAU DE TELECOMMUNICATION**  
[72] MILLER, STEVEN M., US  
[72] POSTHUMA, CARL ROBERT, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-02-07  
[43] 2000-08-12  
[30] US (09/249,027) 1999-02-12

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[21] **2,298,183**  
[13]  
[51] **Int.Cl. 7H05K 7/20**  
[25] EN  
[54] **ELECTRONIC EQUIPMENT SHELF WITH BLANK FOR UNEQUIPPED POSITION**  
[54] **TABLETTE ELECTRONIQUE A POSITION NON EQUIPEE**  
[72] PATEL, NARESH C., US  
[72] CLARKE, JOHN E., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-02-07  
[43] 2000-08-12  
[30] US (09/249,692) 1999-02-12

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[21] **2,298,191**  
[13] A1  
[51] **Int.Cl. 7H04L 12/56**  
[25] EN  
[54] **ROUTER WITH A CACHE HAVING A HIGH HIT PROBABILITY**  
[54] **ROUTEUR COMPORTANT UNE ANTEMEMOIRE PRESENTANT UNE GRANDE PROBABILITE DE PRESENCE DE DONNEES**  
[72] MURASE, TUTOMU, JP  
[72] KOBAYASHI, MASAYOSHI, JP  
[72] SHIMONISHI, HIDEYUKI, JP  
[71] NEC CORPORATION, JP  
[22] 2000-02-09  
[43] 2000-08-10  
[30] JP (033287/1999) 1999-02-10

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[21] **2,298,192**  
[13] A1  
[51] **Int.Cl. 7G06F 3/12**  
[25] EN  
[54] **INTERFACE DEVICE, CONTROL METHOD FOR THE SAME, AND DATA STORAGE MEDIUM FOR RECORDING THE CONTROL METHOD**  
[54] **DISPOSITIF D'INTERFACE, METHODE DE COMMANDE DU DISPOSITIF D'INTERFACE ET SUPPORT D'INFORMATION POUR L'ENREGISTREMENT DE LA METHODE DE COMMANDE**  
[72] ARUGA, KAZUHISA, JP  
[72] MINOWA, MASAHIRO, JP  
[71] SEIKO EPSON CORPORATION, JP  
[22] 2000-02-07  
[43] 2000-08-08  
[30] JP (11-030035) 1999-02-08  
[30] JP (2000-009345) 2000-01-18

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[21] **2,298,204**  
[13] A1  
[51] **Int.Cl. 7C03B 33/06**  
[25] EN  
[54] **PROCESS FOR MANUFACTURING CYLINDRICAL SECTIONS FROM TUBES, PREFERABLY OF GLASS, AND A DEVICE FOR PERFORMING THE PROCESS**  
[54] **PROCEDE ET DISPOSITIF DE FABRICATION DE TRONCONS CYLINDRIQUES A PARTIR DE TUBES, DE PREFERENCE EN VERRE**  
[72] KAVALLAR, GUNTER, DE  
[72] GLOCKER, JOACHIM, DE  
[72] VETTER, HELMUT, DE  
[72] RUSTEMEIER, OLIVER, DE  
[71] ARZNEIMITTEL GMBH APOTHEKER VETTER & CO. RAVENSBURG, DE  
[22] 2000-02-04  
[43] 2000-08-06  
[30] DE (199 04 978.5-45) 1999-02-06

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[21] **2,298,205**  
[13] A1  
[51] **Int.Cl. 7F02M 35/104 7F16K 1/226**  
[25] EN  
[54] **LOW LEAKAGE AIR VALVE FOR VARIABLE AIR INTAKE SYSTEM**  
[54] **RENIFLARD A FAIBLES FUITES POUR SYSTEME D'ADMISSION D'AIR**  
[72] HATTON, BRUCE M., US  
[71] EATON CORPORATION, US  
[22] 2000-02-08  
[43] 2000-08-10  
[30] US (247,409) 1999-02-10

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**6 août 2000 - 12 août 2000**

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[21] **2,298,206**  
[13] A1

[51] **Int.Cl. 7H04L 12/26**  
[25] EN  
[54] **A TECHNIQUE FOR DETECTING LEAKY POINTS WITHIN A NETWORK PROTOCOL DOMAIN**  
[54] **TECHNIQUE DE DETECTION DES POINTS DE FUITE DANS UN DOMAINE DE PROTOCOLE DE RESEAU**  
[72] NG, BILLY C., US  
[72] LI, YUNZHOU, US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-02-09  
[43] 2000-08-11  
[30] US (09/248,803) 1999-02-11

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[21] **2,298,207**  
[13] A1

[51] **Int.Cl. 7B27B 29/00**  
[25] EN  
[54] **DEVICE FOR PROCESSING TREE TRUNKS**  
[54] **DISPOSITIF POUR TRANSFORMER LES TRONCS D'ARBRES**  
[72] DALE, SANBORN, US  
[72] JOHANN, WOLF, AT  
[71] WOLF SYSTEMBAU GESELLSCHAFT M.B.H., AT  
[22] 2000-02-08  
[43] 2000-08-09  
[30] AT (A 169/99) 1999-02-09

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[21] **2,298,209**  
[13] A1

[51] **Int.Cl. 7A63C 11/22 7A45B 9/00**  
[25] EN  
[54] **POLE PROVIDED WITH A QUICK-RELEASING INTERCHANGEABLE LATERAL SUPPORT EXTENSION**  
[54] **BATON MUNI D'UN PROLONGEMENT D'APPUI LATERAL INTERCHANGEABLE A DEMONTAGE RAPIDE**  
[72] MANNINEN, TAISTO, FI  
[71] EXEL OYJ, FI  
[22] 2000-02-08  
[43] 2000-08-08  
[30] FI (990235) 1999-02-08

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[21] **2,298,210**  
[13] A1

[51] **Int.Cl. 7E21D 23/00 7E21D 21/00**  
[25] EN  
[54] **MINE ROOF TRUSS WITH CABLE TIE MEMBER**  
[54] **ARMATURE DE POUTRES DE MINE A MONTANTS A SERRE-CABLES**  
[72] STANKUS, JOHN C., US  
[72] TAYLOR, KENDAL L., US  
[72] PRIDE, ROBERT, US  
[71] JENNMAR CORPORATION, US  
[22] 2000-02-08  
[43] 2000-08-10  
[30] US (60/119,452) 1999-02-10

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[21] **2,298,214**  
[13] A1

[51] **Int.Cl. 7A61K 45/00 7A61K 9/10 7A61K 9/14 7A61K 47/30**  
[25] EN  
[54] **PHARMACEUTICAL SOLID DISPERSIONS**  
[54] **DISPERSIONS SOLIDES DE PRODUITS PHARMACEUTIQUES**  
[72] NIGHTINGALE, JAMES ALAN SCHRIVER, US  
[72] FRIESEN, DWAYNE THOMAS, US  
[72] BABCOCK, WALTER CHRISTIAN, US  
[72] SHANKER, RAVI MYSORE, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-02-09  
[43] 2000-08-10  
[30] US (60/119,401) 1999-02-10

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[21] **2,298,215**  
[13] A1

[51] **Int.Cl. 7E01H 5/02**  
[25] EN  
[54] **SNOW RAKE**  
[54] **RATEAU A NEIGE**  
[72] PETERSON, FRANCIS, US  
[72] MAIRE, PAUL, US  
[71] PETERSON, FRANCIS, US  
[71] MAIRE, PAUL, US  
[22] 2000-02-07  
[43] 2000-08-08  
[30] US (60/119,163) 1999-02-08

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[21] **2,298,221**  
[13] A1

[51] **Int.Cl. 7H04L 1/22 7H04J 3/02**  
[25] EN  
[54] **ENCODER FOR MULTIPLEXING BLOCKS ERROR PROTECTED BITS WITH BLOCKS OF UNPROTECTED BITS**  
[54] **CODEUR POUR LE MULTIPLEXAGE DE BLOCS DE BITS PROTEGES CONTRE LES ERREURS AVEC DES BITS NON PROTEGES**  
[72] SERIZAWA, MASAHIRO, JP  
[72] ITO, HIRONORI, JP  
[71] NEC CORPORATION, JP  
[22] 2000-02-09  
[43] 2000-08-10  
[30] JP (11-032122) 1999-02-10

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[21] **2,298,224**  
[13] A1

[51] **Int.Cl. 7E21B 33/12**  
[25] EN  
[54] **PACKER INSERT FOR SEALING ON MULTIPLE ITEMS IN A WELLBORE**  
[54] **MATERIAU DE REMPLISSAGE POUR RENDRE ETANCHE PLUSIEURS PARTIES D'UN Puits DE FORAGE**  
[72] CARBAUGH, WILLIAM L., US  
[71] HYDRIL COMPANY, US  
[22] 2000-02-07  
[43] 2000-08-08  
[30] US (60/119,007) 1999-02-08  
[30] US (09/496,867) 2000-02-02

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[21] **2,298,227**  
[13] A1

[51] **Int.Cl. 7B01J 23/745 7C07C 15/46**  
[25] EN  
[54] **CATALYST FOR THE DEHYDROGENATION OF ETHYLBENZENE TO STYRENE**  
[54] **CATALYSEUR POUR LA DESHYDROGENATION D'ETHYLBENZENE EN STYRENE**  
[72] WANJEK, HERBERT, DE  
[72] WALSDORFF, CHRISTIAN, DE  
[72] PETERSEN, HERMANN, DE  
[72] BAIER, MICHAEL, DE  
[71] WANJEK, HERBERT, DE  
[71] WALSDORFF, CHRISTIAN, DE  
[71] PETERSEN, HERMANN, DE  
[71] BAIER, MICHAEL, DE  
[22] 2000-02-09  
[43] 2000-08-10  
[30] DE (19905392.8) 1999-02-10  
[30] DE (19932362.3) 1999-07-10

Canadian Laid-Open Applications  
August 6, 2000 - August 12, 2000

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[21] **2,298,233**  
[13] A1  
[51] **Int.Cl. 7C01B 7/19**  
[25] EN  
[54] **PROCESS FOR PREPARING PURE HYDROFLUORIC ACID**  
[54] **PROCEDE DE PREPARATION D'ACIDE FLUORHYDRIQUE PUR**  
[72] LAILACH, GUNTHER, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2000-02-09  
[43] 2000-08-12  
[30] DE (19905798.2) 1999-02-12

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[21] **2,298,237**  
[13] A1  
[51] **Int.Cl. 7F16H 39/08 7F16H 39/16**  
[25] EN  
[54] **HYDROSTATIC TRANSMISSION HAVING TWO-PIECE PUMP AND MOTOR BLOCK ASSEMBLY**  
[54] **TRANSMISSION HYDROSTATIQUE COMPRENANT UNE POMPE EN DEUX PARTIES ET UN BLOC MOTEUR**  
[72] JOHNSON, KEVIN J., US  
[72] JOLLIFF, NORMAN E., US  
[71] TECUMSEH PRODUCTS COMPANY, US  
[22] 2000-02-07  
[43] 2000-08-09  
[30] US (60/119,381) 1999-02-09  
[30] US (60/145,619) 1999-07-26

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[21] **2,298,238**  
[13] A1  
[51] **Int.Cl. 7A61K 9/14 7A61K 45/00 7A61P 13/00 7A61P 29/00 7A61P 9/12 7A61P 25/18 7A61K 9/22 7A61K 31/40 7A61K 31/4422 7A61K 9/52**  
[25] EN  
[54] **CONTROLLED RELEASE BY EXTRUSION OF SOLID AMORPHOUS DISPERSIONS OF DRUGS**  
[54] **LIBERATION CONTROLEE PAR EXTRUSION DE DISPERSIONS SOLIDES AMORPHES DE MEDICAMENTS**  
[72] NIGHTINGALE, JAMES ALAN SCHRIVER, US  
[72] THOMBRE, AVINASH GOVIND, US  
[72] APPEL, LEAH ELIZABETH, US  
[72] HERBIG, SCOTT MAX, US  
[72] CURATOLO, WILLIAM JOHN, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-02-09  
[43] 2000-08-10  
[30] US (60/119,406) 1999-02-10

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[21] **2,298,242**  
[13] A1  
[51] **Int.Cl. 7G06F 13/16 7G06F 12/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR HANDLING MEMORY ACCESS REQUESTS IN A DATA PROCESSING SYSTEM**  
[54] **APPAREIL ET METHODE DE TRAITEMENT DES DEMANDES D'ACCES A LA MEMOIRE DANS UN SYSTEME DE TRAITEMENT DE DONNEES**  
[72] HARRIS, JEREMY G., GB  
[71] SUN MICROSYSTEMS, INC., US  
[22] 2000-02-08  
[43] 2000-08-08  
[30] US (09/246,614) 1999-02-08

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[21] **2,298,244**  
[13] A1  
[51] **Int.Cl. 7B05C 17/01**  
[25] EN  
[54] **EXTENDED PIGGYBACK DISPENSING DEVICE WITH INTERCHANGEABLE APPLICATION GUIDES**  
[54] **DISPOSITIF DE DISTRIBUTION ALLONGE DOUBLE AVEC GUIDES D'APPLICATION INTERCHANGEABLES**  
[72] CHANG, PETER J., US  
[71] CHANG, PETER J., US  
[22] 2000-02-08  
[43] 2000-08-09  
[30] US (60/119,477) 1999-02-09  
[30] US (60/130,150) 1999-04-20

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[21] **2,298,245**  
[13] A1  
[51] **Int.Cl. 7A61K 9/10 7A61K 45/06 7A61K 9/22 7A61K 47/30 7A61K 31/40 7A61K 31/44 7A61K 9/52**  
[25] EN  
[54] **MATRIX CONTROLLED RELEASE DEVICE**  
[54] **DISPOSITIF POUR LA LIBERATION CONTROLEE A PARTIR D'UNE MATRICE**  
[72] NIGHTINGALE, JAMES ALAN SCHRIVER, US  
[72] CURATOLO, WILLIAM JOHN, US  
[72] THOMBRE, AVINASH GOVIND, US  
[72] FRIESEN, DWAYNE THOMAS, US  
[72] APPEL, LEAH ELIZABETH, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-02-09  
[43] 2000-08-10  
[30] US (60/119,400) 1999-02-10

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[21] **2,298,249**  
[13] A1  
[51] **Int.Cl. 7A01N 31/02 7A01N 35/02**  
[25] EN  
[54] **INHIBITION OF PHOSPHOLIPASE D**  
[54] **INHIBITION DE LA PHOSPHOLIPASE D**  
[72] YADA, RICKEY Y., CA  
[72] MURR, DENNIS P., CA  
[72] PINHERO, REENA GRITTLE, CA  
[72] PALIYATH, GOPINADHAN, CA  
[71] UNIVERSITY OF GUELPH, CA  
[22] 2000-02-07  
[43] 2000-08-08  
[30] US (60/119,023) 1999-02-08

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[21] **2,298,250**  
[13] A1  
[51] **Int.Cl. 7H01Q 19/12 7H01Q 1/08**  
[25] EN  
[54] **REMOTELY ADJUSTABLE MESH DEPLOYABLE REFLECTORS**  
[54] **REFLECTEUR DEPLOYABLE EN TREILLIS REGLABLE A DISTANCE**  
[72] GILGER, L. DWIGHT, US  
[71] TRW INC., US  
[22] 2000-02-08  
[43] 2000-08-09  
[30] US (09/247,162) 1999-02-09

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[21] **2,298,253**  
[13] A1  
[51] **Int.Cl. 7A61F 13/26**  
[25] EN  
[54] **INFRARED TREATED TAMPON APPLICATORS**  
[54] **APPLICATEURS DE TAMPON TRAITES A L'INFRAROUGE**  
[72] ASSENHEIMER DOWNS, SUZANNE E., US  
[72] NORQUEST, ROBERT CLINTON, US  
[71] PLAYTEX PRODUCTS, INC., US  
[22] 2000-02-08  
[43] 2000-08-08  
[30] US (09/245,732) 1999-02-08

**Demandes canadiennes mises à la disponibilité du public**  
**6 août 2000 - 12 août 2000**

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[21] **2,298,255**  
[13] A1

[51] **Int.Cl. 7F26B 3/20 7F26B 25/02 7B27D 1/02 7B65G 47/06**  
[25] EN  
[54] **METHOD OF TRANSFERRING A SHEET THROUGH A WORKING APPARATUS**  
[54] **METHODE DE TRANSFERT DE FEUILLES DANS UN APPAREIL DE TRANSFORMATION**  
[72] HONDA, NORIYUKI, JP  
[71] MEINAN MACHINERY WORKS, INC., JP  
[22] 2000-02-08  
[43] 2000-08-09  
[30] JP (H11-70698) 1999-02-09

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[21] **2,298,259**  
[13] A1

[51] **Int.Cl. 7A61K 47/38 7A61K 45/00**  
[25] EN  
[54] **BASIC DRUG COMPOSITIONS WITH ENHANCED BIOAVAILABILITY**  
[54] **COMPOSITIONS DE MEDICAMENTS DE BASE AYANT UNE BIODISPONIBILITE ACCRUE**  
[72] SUTTON, STEVEN CHARLES, US  
[72] SHANKER, RAVI MYSORE, US  
[72] CURATOLO, WILLIAM JOHN, US  
[72] NIGHTINGALE, JAMES ALAN SCHRIVER, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-02-07  
[43] 2000-08-09  
[30] US (60/119,283) 1999-02-09

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[21] **2,298,260**  
[13]

[51] **Int.Cl. 7H04Q 7/36 7H04B 7/005**  
[25] EN  
[54] **METHOD FOR ALLOCATING DOWNLINK ELECTROMAGNETIC POWER IN WIRELESS NETWORKS**  
[54] **METHODE D'ATTRIBUTION DE PUISSANCE ELECTROMAGNETIQUE DE LIAISON DESCENDANTE DANS DES RESEAUX SANS FIL**  
[72] PITTAMPALLI, ESHWAR, US  
[72] HUO, DAVID DI, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-02-07  
[43] 2000-08-12  
[30] US (09/249,313) 1999-02-12

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[21] **2,298,261**  
[13]

[51] **Int.Cl. 7H04Q 7/36 7H01Q 21/28**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ADJUSTING ANTENNA RADIATION IN A WIRELESS NETWORK**  
[54] **SYSTEME ET METHODE DE REGLAGE DU RAYONNEMENT D'ANTENNE DANS UN RESEAU SANS FIL**  
[72] HUO, DAVID DI, US  
[72] PITTAMPALLI, ESHWAR, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-02-07  
[43] 2000-08-12  
[30] US (09/249,312) 1999-02-12

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[21] **2,298,264**  
[13] A1

[51] **Int.Cl. 7C08G 65/332 7C07C 219/06 7C07C 323/12 7C07C 69/28 7C08G 65/333 7C08G 65/334**  
[25] EN  
[54] **HAZE FREE POLYETHER POLYOL COMPOSITIONS AND A METHOD FOR THEIR PREPARATION**  
[54] **COMPOSITIONS DE POLYOL DE POLYETHER NON TROUBLE ET METHODE POUR LES PREPARER**  
[72] BETKE, BRIAN J., US  
[72] THANKACHAN, CHACKO, US  
[72] WELCH, MICHAEL C., US  
[71] BASF CORPORATION, US  
[22] 2000-02-07  
[43] 2000-08-11  
[30] US (09/248,418) 1999-02-11

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[21] **2,298,265**  
[13] A1

[51] **Int.Cl. 7B29C 45/26 7B29C 33/00 7B29D 22/00**  
[25] EN  
[54] **MOULD AND USE THEREOF**  
[54] **MOULE ET UTILISATION CONNEXE**  
[72] PICCOLO, PAOLO, IT  
[71] GATTI & PICCOLO S.R.L., IT  
[22] 2000-02-07  
[43] 2000-08-08  
[30] IT (MI99 A 000240) 1999-02-08  
[30] IT (MI99 A 000700) 1999-04-02

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

[51] **Int.Cl. 7H04L 29/02 7G06F 15/16**  
[25] EN  
[54] **DYNAMICALLY ALLOCATING SERVER RESOURCES TO COMPETING CLASSES OF WORK BASED UPON ACHIEVEMENT OF SERVICE GOALS**  
[54] **ALLOCATION DYNAMIQUE DE RESSOURCES D'UN SERVEUR A DES CLASSES DE TRAVAUX CONCURRENTES BASEE SUR L'ATTEINTE D'OBJECTIFS DE SERVICE**  
[72] EDWARDS, THOMAS J., US  
[72] MULLEN, DAVID, US  
[71] EDWARDS, THOMAS J., US  
[71] MULLEN, DAVID, US  
[22] 2000-02-08  
[43] 2000-08-10  
[30] US (09/247,893) 1999-02-10

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[21] **2,298,267**  
[13] A1

[51] **Int.Cl. 7G06F 15/16 7H04L 29/02 7G06F 9/445**  
[25] EN  
[54] **HIERARCHICAL REMEDIATION OF SERVICE LEVELS FOR TRANSACTION CLASSES WHICH ARE INDEPENDENT OF THE ORGANIZATION OF RESOURCE SKILLS**  
[54] **CORRECTION HIERARCHIQUE DE NIVEAUX DE SERVICE POUR DES CLASSES DE TRANSACTION QUI SONT INDEPENDANTES DE L'ORGANISATION DE RESSOURCES DE COMPETENCES**  
[72] MULLEN, DAVID, US  
[72] CLIPPINGER, JOYCE A., US  
[71] MULLEN, DAVID, US  
[71] CLIPPINGER, JOYCE A., US  
[22] 2000-02-08  
[43] 2000-08-10  
[30] US (09/248,047) 1999-02-10

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[21] **2,298,268**  
[13] A1  
[51] **Int.Cl. 7H01Q 23/00 7H04B 1/59**  
[25] EN  
[54] **ENCAPSULATED ANTENNA IN PASSIVE TRANSPONDERS**  
[54] **ANTENNE ENCAPSULEE DANS DES TRANSPONDEURS PASSIFS**  
[72] GRANHED, MAGNUS, SE  
[72] FUKS, PETER, SE  
[72] LARSSON, GUNNAR, SE  
[72] REHN, ANDERS, SE  
[71] GRANHED, MAGNUS, SE  
[22] 2000-02-08  
[43] 2000-08-09  
[30] SE (9900430-1) 1999-02-09  
[30] SE (9904624-5) 1999-12-16

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[21] **2,298,279**  
[13] A1  
[51] **Int.Cl. 7G03D 3/02**  
[25] EN  
[54] **PHOTOGRAPHIC LIQUIDS EFFLUENT DISCHARGE**  
[54] **REJET D'EFFLUENTS DE LIQUIDES POUR PHOTOGRAPHIE**  
[72] GRAVEL, BERNARD, CA  
[72] RIVIERE, JOHN L., CA  
[72] REN, JIAN MIN, CA  
[72] BRUNELLE, DENIS, CA  
[71] METAFIX INC., CA  
[22] 2000-02-09  
[43] 2000-08-10  
[30] CA (2,261,557) 1999-02-10

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[21] **2,298,284**  
[13] A1  
[51] **Int.Cl. 7H02K 1/12 7H02K 15/02**  
[25] EN  
[54] **MODULAR MOTOR CONSTRUCTION**  
[54] **MOTEUR MODULAIRE**  
[72] BREIT, STEPHEN M., US  
[71] CAMCO INTERNATIONAL INC., US  
[22] 2000-02-10  
[43] 2000-08-11  
[30] US (09/248,864) 1999-02-11

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[21] **2,298,285**  
[13] A1  
[51] **Int.Cl. 7E04B 1/90 7B60R 13/08**  
[25] EN  
[54] **SOUND AND HEAT INSULATION MATERIAL**  
[54] **MATERIAU D'INSONORISATION ET D'ISOLATION THERMIQUE**  
[72] BECKMANN, FRIEDHELM, DE  
[71] MOLLER PLAST GMBH, DE  
[22] 2000-02-09  
[43] 2000-08-09  
[30] DE (199 05 226.3) 1999-02-09

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[21] **2,298,292**  
[13]  
[51] **Int.Cl. 7E04C 3/12 7B27M 3/00 7B27M 1/08**  
[25] EN  
[54] **COMPOSITE WOODEN BEAM AND METHOD FOR PRODUCING SUCH BEAM**  
[54] **POUTRES EN BOIS COMPOSITE ET METHODE DE FABRICATION**  
[72] WRIGHT, JERAULD GEORGE, CA  
[71] WRIGHT, JERAULD GEORGE, CA  
[22] 2000-02-04  
[43] 2000-08-12  
[30] CA (2,261,526) 1999-02-12

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[21] **2,298,295**  
[13]  
[51] **Int.Cl. 7H04Q 7/38 7H04Q 7/34**  
[25] EN  
[54] **WIRELESS NETWORK USING HIGH AND LOW DECISION THRESHOLDS FOR SELECTING AND MAINTAINING A CHANNEL**  
[54] **RESEAU SANS FIL UTILISANT DES SEUILS DE DECISION BAS ET ELEVE POUR SELECTIONNER ET RETENIR UN CANAL**  
[72] ISHII, KENICHI, JP  
[71] NEC CORPORATION, JP  
[22] 2000-02-11  
[43] 2000-08-12  
[30] JP (JP 11-033782) 1999-02-12

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[21] **2,298,297**  
[13]  
[51] **Int.Cl. 7G09F 11/15 7H04M 1/274 7H04Q 7/32 7H01H 19/54**  
[25] EN  
[54] **A CONTROL ELEMENT FOR A MENU CONTROLLED DEVICE AND RADIO TELEPHONE WITH ONE SUCH CONTROL ELEMENT**  
[54] **ELEMENT DE COMMANDE POUR DISPOSITIF DE COMMANDE PAR MENU ET RADIOTELEPHONE COMPORTANT UN TEL ELEMENT**  
[72] GADEAU, JEAN-YVES, FR  
[72] VAUDREY, DENIS, FR  
[71] ALCATEL, FR  
[22] 2000-02-11  
[43] 2000-08-12  
[30] EP (99 440 026.5) 1999-02-12  
[30] EP (99 440 027.3) 1999-02-12

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[21] **2,298,298**  
[13] A1  
[51] **Int.Cl. 7E21B 33/00**  
[25] EN  
[54] **LINER ASSEMBLY AND METHOD OF RUNNING THE SAME**  
[54] **CREPINE ET METHODE D'UTILISATION**  
[72] DAVISON, JOHN, GB  
[71] WEATHERFORD/LAMB, INC., US  
[22] 2000-02-04  
[43] 2000-08-06  
[30] GB (9902683.3) 1999-02-06

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[21] **2,298,299**  
[13]  
[51] **Int.Cl. 7B65D 1/34**  
[25] EN  
[54] **A PAPERBOARD CONTAINER HAVING ENHANCED RIGIDITY AND A METHOD OF MAKING THE SAME**  
[54] **CONTENANT EN CARTON POSSEDANT UNE RIGIDITE AMELIOREE ET METHODE DE FABRICATION**  
[72] SWOBODA, DEAN, US  
[71] FORT JAMES CORPORATION, US  
[22] 2000-02-04  
[43] 2000-08-12  
[30] US (09/249,485) 1999-02-12

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**6 août 2000 - 12 août 2000**

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[21] **2,298,300**  
[13] A1

[51] **Int.Cl. 7G01N 1/34 7G01N 33/483 7G01N 30/74**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SORTING AND SEPARATING PARTICLES FROM A FLUID SUSPENSION**  
[54] **METHODE ET APPAREIL POUR TRIER ET SEPARER DES PARTICULES D'UNE SUSPENSION FLUIDE**  
[72] RAZ, RYAN S., CA  
[71] MORPHOMETRIX TECHNOLOGIES INC., CA  
[22] 2000-02-08  
[43] 2000-08-09  
[30] US (60/119,292) 1999-02-09

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[21] **2,298,302**  
[13] A1

[51] **Int.Cl. 7B65D 81/32 7A45D 34/00**  
[25] FR  
[54] **DISPOSITIF POUR LE STOCKAGE DE TROIS COMPOSANTS, LEUR MELANGE ET LA DISTRIBUTION DU MELANGE AINSI OBTENU**  
[54] **DEVICE FOR STORAGE OF THREE COMPONENTS, THEIR MIXING AND DISTRIBUTION OF THE MIXTURE OBTAINED**  
[72] VIEU, VALERIE, FR  
[71] L'OREAL, FR  
[22] 2000-02-09  
[43] 2000-08-10  
[30] FR (99 01 555) 1999-02-10

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[21] **2,298,304**  
[13] A1

[51] **Int.Cl. 7A22B 5/18**  
[25] FR  
[54] **APPAREIL DE POSE DE LIGATURES D'HERBIERE**  
[54] **WEASAND TIE APPLICATOR**  
[72] LANDEL, PHILIPPE, FR  
[71] SOCIETE NOUVELLE DES ETABLISSEMENTS TERMET SOLEFI, FR  
[22] 2000-02-09  
[43] 2000-08-10  
[30] FR (99 01 575) 1999-02-10

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[21] **2,298,314**  
[13] A1

[51] **Int.Cl. 7C08L 7/00 7B60C 1/00 7C08L 9/00**  
[25] FR  
[54] **AMELIORATION DE LA DUREE DE VIE DE PNEUMATIQUES A CARCASSE RADIALE PAR UTILISATION DE COMPOSITIONS SPECIFIQUES COHESIVES ET FAIBLEMENT HYSTERETIQUES**  
[54] **IMPROVEMENT OF RADIAL PLY TIRE LIFE BY USING SPECIFIC COHESIVE COMPOSITIONS OF LOW HYSTERESIS**  
[72] SERRE, FREDERIC, FR  
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH  
[22] 2000-02-10  
[43] 2000-08-11  
[30] FR (99 01 766) 1999-02-11

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[21] **2,298,315**  
[13] A1

[51] **Int.Cl. 7C08L 7/00 7B60C 1/00 7C08L 9/00**  
[25] FR  
[54] **AMELIORATION DE LA DUREE DE VIE DE PNEUMATIQUES A CARCASSE RADIALE PAR UTILISATION DE COMPOSITIONS SPECIFIQUES COHESIVES ET FAIBLEMENT HYSTERETIQUES**  
[54] **IMPROVEMENT OF RADIAL PLY TIRE LIFE BY USING SPECIFIC COHESIVE COMPOSITIONS OF LOW HYSTERESIS**  
[72] SERRE, FREDERIC, FR  
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH  
[22] 2000-02-10  
[43] 2000-08-11  
[30] FR (99 01 766) 1999-02-11

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[21] **2,298,347**  
[13]

[51] **Int.Cl. 7B28B 11/24 7E04C 2/10 7C04B 24/24**  
[25] EN  
[54] **WATER RESISTANT PLASTER-BASED CONSTRUCTION ELEMENT**  
[54] **ELEMENT DE CONSTRUCTION A BASE DE PLATRE ET RESISTANT A L'EAU**  
[72] MOLINES, GÉRARD, FR  
[72] BOLD, JORG, DE  
[72] MARTIN, DANIEL, FR  
[71] LAFARGE CORPORATION, US  
[22] 2000-02-09  
[43] 2000-08-12  
[30] FR (99/01884) 1999-02-12

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[21] **2,298,357**  
[13]

[51] **Int.Cl. 7H04N 7/08 7H04N 7/26**  
[25] EN  
[54] **A PROCESS FOR THE DIGITAL TRANSMISSION OF COMPRESSED TELEVISION SIGNALS**  
[54] **PROCESSUS DE TRANSMISSION NUMERIQUE DE SIGNAUX DE TELEVISION COMPRIMES**  
[72] SCHMIDT, THOMAS, DE  
[71] ALCATEL, FR  
[22] 2000-02-11  
[43] 2000-08-12  
[30] DE (199 05 843.1) 1999-02-12

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[21] **2,298,363**  
[13]

[51] **Int.Cl. 7G01C 7/04 7B61K 9/08 7G01S 5/14**  
[25] EN  
[54] **A METHOD OF SURVEYING A TRACK**  
[54] **METHODE DE MESURAGE DE PISTES PAR CHEMINEMENT**  
[72] LICHTBERGER, BERNHARD, AT  
[72] THEURER, JOSEF, AT  
[71] FRANZ PLASSER BAHNBAUMASCHINEN-INDUSTRIEGESELLSCHAFT M.B.H., AT  
[22] 2000-02-11  
[43] 2000-08-12  
[30] AT (A 204/99) 1999-02-12

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[21] **2,298,364**  
[13]

[51] **Int.Cl. 7F16L 23/04**  
[25] EN  
[54] **INTERLOCKING PIPE COUPLING  
DE TUYAUX**  
[72] GARDNER, LYLE, AU  
[71] MINING SUPPLIES AUSTRALIA PTY  
LTD., AU  
[22] 2000-02-11  
[43] 2000-08-12  
[30] AU (PP 8638) 1999-02-12

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[21] **2,298,367**  
[13]

[51] **Int.Cl. 7B22F 3/105**  
[25] EN  
[54] **METHOD OF ELECTRIC  
SINTERING METHOD AND MOLD FOR  
USE IN THE METHOD**  
[54] **METHODE DE FRITTAGE  
ELECTRIQUE ET MOULE SERVANT A  
APPLIQUER CETTE METHODE**  
[72] YOSHINO, JUN, JP  
[72] MURATA, MASAHIRO, JP  
[72] SUGAI, ATSUSHI, JP  
[72] TSUBOI, SHIGERU, JP  
[72] KUROISHI, NOBUHITO, JP  
[72] SHIOMI, YASUAKI, JP  
[71] KUBOTA CORPORATION, JP  
[22] 2000-02-11  
[43] 2000-08-12  
[30] JP (11-33618) 1999-02-12  
[30] JP (11-33619) 1999-02-12  
[30] JP (2000-26215) 2000-02-03

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[21] **2,298,413**  
[13] A1

[51] **Int.Cl. 7B32B 27/12 7B65D 90/02  
7B65D 90/50**  
[25] EN  
[54] **COMPOSITE CONTAINMENT  
DEVICE AND METHOD OF MAKING IT**  
[54] **DISPOSITIF DE CONFINEMENT  
COMPOSITE ET METHODE POUR LE  
FABRIQUER**  
[72] WARREN, ANTHONY G., CA  
[72] HEATH, BRIAN, CA  
[72] SCOTT, STEUART, CA  
[71] QUALITRON COMPOSITES INC., CA  
[22] 2000-02-11  
[43] 2000-08-11  
[30] US (09/247,952) 1999-02-11

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[21] **2,298,421**  
[13] A1

[51] **Int.Cl. 7C12N 5/08 7A61L 27/00  
7C12N 5/06**  
[25] EN  
[54] **CARTILAGE TISSUE  
ENGINEERING**  
[54] **GENIE TISSULAIRE DU  
CARTILAGE**  
[72] RIESLE, JENS UWE, NL  
[72] VAN BLITTERSWIJK, CLEMENS  
ANTONI, NL  
[72] MAHMOOD, TAHIR, US  
[71] ISOTIS B.V., NL  
[22] 2000-02-10  
[43] 2000-08-10  
[30] EP (99200396.2) 1999-02-10

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[21] **2,298,427**  
[13]

[51] **Int.Cl. 7C12P 17/12 7C07D 241/44**  
[25] EN  
[54] **MICROBIAL CONVERSION OF 2-  
METHYLQUINOXALINE**  
[54] **CONVERSION MICROBIENNE DE  
LA 2-METHYLQUINOXALINE**  
[72] WONG, JOHN WING, US  
[72] BURNS, MICHAEL PAUL, US  
[72] CAWLEY, JAMES JOSEPH, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-02-10  
[43] 2000-08-12  
[30] US (60/119,942) 1999-02-12

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[21] **2,298,433**  
[13]

[51] **Int.Cl. 7A63F 7/06**  
[25] EN  
[54] **END CAP ASSEMBLY FOR A  
TABLE SOCCER PLAYING FIGURE**  
[54] **EMBOUT DE FIGURINE DE  
SOCCER SUR TABLE**  
[72] LAM, JAMES, HK  
[72] NALLY, MICHAEL, US  
[71] SPORTCRAFT, LTD., US  
[22] 2000-02-11  
[43] 2000-08-12  
[30] US (09/249,306) 1999-02-12

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[21] **2,298,436**  
[13]

[51] **Int.Cl. 7A63F 7/26**  
[25] EN  
[54] **HOCKEY GAME TABLE HAVING  
ELECTRONIC BUMPERS**  
[54] **TABLE DE HOCKEY  
COMPRENANT DES PLOTS  
ELECTRONIQUES**  
[72] NOWAKOWSKI, SIGMUND, US  
[72] FLOOD, DOUGLAS J., US  
[72] O'KEEFE, JAMES, US  
[72] MAGUIRE, BRUCE, US  
[72] NALLY, MICHAEL, US  
[72] LAM, JAMES, HK  
[71] SPORTCRAFT, LTD., US  
[22] 2000-02-11  
[43] 2000-08-12  
[30] US (09/249,308) 1999-02-12

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[21] **2,298,717**  
[13]

[51] **Int.Cl. 7F23N 1/00 7F23Q 3/00 7F23D  
14/12 7F23N 5/24 7F23D 14/46**  
[25] EN  
[54] **ADAPTABLE GAS BURNER  
SYSTEM**  
[54] **SYSTEME DE BRULEUR A GAZ  
ADAPTABLE**  
[72] DURSA, MATTHEW J., US  
[72] GRASSI, MICHAEL J., US  
[72] WILLIAMS, LEE R., US  
[72] WILLIS, THOMAS J., US  
[72] ADAMS, JOSEPH T., US  
[72] NAMESTKA, JOSEPH M., US  
[72] STARTARE, ANTHONY V., US  
[72] CIMBA, DAVID F., US  
[72] GINTHER, BRIAN B., US  
[72] SHEN, TINGRONG, US  
[72] STETS, JOSEPH A., US  
[71] ROBERTSHAW CONTROLS  
COMPANY, US  
[22] 2000-02-11  
[43] 2000-08-12  
[30] US (60/119,970) 1999-02-12

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**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,298,722**  
[13] A1

[51] **Int.Cl. 7H04J 11/00 7H04J 1/16**  
[25] EN  
[54] **ESTIMATION OF FREQUENCY OFFSETS IN OFDM COMMUNICATION SYSTEMS**  
[54] **ESTIMATION DES DECALAGES DE FREQUENCE DANS LES SYSTEMES DE COMMUNICATIONS OFDM**  
[72] SIMOENS, SEBASTIEN, FR  
[72] BUZENAC SETTINERI, VERONIQUE, FR  
[72] DE COURVILLE, MARC, FR  
[71] MOTOROLA, INC., US  
[22] 2000-02-11  
[43] 2000-08-11  
[30] EP (99400319.2) 1999-02-11

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[21] **2,298,740**  
[13] A1

[51] **Int.Cl. 7C07C 69/16 7C07C 69/017 7C07C 67/08 7C07C 67/14 7C07C 69/28 7C07C 69/78**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF 2,3,5-TRIMETHYLHYDROQUINONE DIESTERS**  
[54] **PROCEDE DE PRODUCTION DE DIESTERS DE 2,3,5-TRIMETHYLHYDROQUINONE**  
[72] HUTHMACHER, KLAUS, DE  
[72] KRILL, STEFFEN, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 2000-02-10  
[43] 2000-08-11  
[30] DE (199 05 685.4) 1999-02-11

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[21] **2,298,746**  
[13] A1

[51] **Int.Cl. 7F02P 17/06**  
[25] EN  
[54] **ENGINE IGNITION TIMING TOOL**  
[54] **OUTIL DE REGLAGE DE LA SEQUENCE D'ALLUMAGE DES MOTEURS A COMBUSTION**  
[72] NIELSEN, JOHN E., CA  
[72] NIELSEN, PAUL E., CA  
[71] NIELSEN, PAUL E., CA  
[22] 2000-02-10  
[43] 2000-08-10  
[30] CA (2,261,455) 1999-02-10

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[21] **2,298,747**  
[13]

[51] **Int.Cl. 7F01P 3/20 7B60K 11/02**  
[25] EN  
[54] **ENHANCED SPLIT COOLING SYSTEM**  
[54] **SYSTEME DE REFROIDISSEMENT AMELIORE A PLUSIEURS ELEMENTS**  
[72] AGGARWAL, MAHESH CHAND, US  
[72] VALENTINE, PETER LORING, US  
[72] RHODES, WAYNE ARTHUR, US  
[72] SMITH, GEOFFREY, DANIEL, US  
[72] MARSH, GREGORY, ALAN, US  
[72] NOWAK, THEODORE JOHN JR., US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-02-10  
[43] 2000-08-12  
[30] US (09/249,516) 1999-02-12

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[21] **2,298,753**  
[13]

[51] **Int.Cl. 7B60T 15/00 7F15B 13/042 7B62D 5/08 7B60T 15/36**  
[25] EN  
[54] **DUAL BRAKE VALVE FOR A STEERING ASSIST SYSTEM**  
[54] **ROBINET DE FREINAGE DOUBLE POUR SYSTEME DE DIRECTION ASSISTEE**  
[72] TILLMAN, VINCENT J., JR., US  
[71] MICO, INC., US  
[22] 2000-02-11  
[43] 2000-08-12  
[30] US (09/249,129) 1999-02-12

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[21] **2,298,769**  
[13]

[51] **Int.Cl. 7G06F 17/30 7G11B 23/00 7G01N 37/00**  
[25] EN  
[54] **SYSTEM FOR ELECTRONICALLY MANAGING, FINDING, AND/OR DISPLAYING BIOMOLECULAR INTERACTIONS**  
[54] **SYSTEME ELECTRONIQUE DE GESTION, DE RECHERCHE ET/OU D'AFFICHAGE D'INTERACTIONS MOLECULAIRES**  
[72] HOGUE, CHRISTOPHER, CA  
[72] BADER, GARY, CA  
[71] MOUNT SINAI HOSPITAL, CA  
[22] 2000-02-11  
[43] 2000-08-12  
[30] US (60/119,850) 1999-02-12

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[21] **2,298,883**  
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[51] **Int.Cl. 7A63B 23/02**  
[25] EN  
[54] **ABDOMINAL EXERCISER DEVICE**  
[54] **DISPOSITIF POUR EXERCICES ABDOMINAUX**  
[72] RAYMOND, JEAN-GUY, CA  
[71] RAYMOND, JEAN-GUY, CA  
[22] 2000-02-11  
[43] 2000-08-12  
[30] US (60/120,043) 1999-02-12

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[21] **2,301,474**  
[13] A1

[51] **Int.Cl. 7H04L 12/16**  
[25] EN  
[54] **METHOD AND SYSTEM FOR TARGETED DISTRIBUTION**  
[54] **METHODE ET SYSTEME DE DISTRIBUTION CIBLEE**  
[72] ST-DENIS, DANNY PAUL, CA  
[71] ST-DENIS, DANNY PAUL, CA  
[22] 2000-03-15  
[43] 2000-08-06

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**Canadian Laid-Open Applications  
August 6, 2000 - August 12, 2000**

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[13] A1  
[51] Int.Cl. 6C11D 3/386 6A61K 7/28  
6A23G 3/30 6A61K 7/48 6C12N 9/54  
[25] EN  
[54] **CLEANING COMPOSITIONS  
CONTAINING MULTIPLY-  
SUBSTITUTED PROTEASE VARIANTS  
CONTENANT DES VARIANTES DE  
PROTEASES A SUBSTITUTIONS  
MULTIPLES**  
[72] BAECK, ANDRE CESAR, BE  
[72] OHTANI, RYOHEI, JP  
[72] BUSCH, ALFRED, BE  
[72] SHOWELL, MICHAEL STANFORD,  
US  
[72] NADHERNY, JOANNE, US  
[72] SCHELLENBERGER, VOLKER, US  
[72] POULOSE, AYROOKARAN J., US  
[72] CALDWELL, ROBERT M., US  
[72] COLLIER, KATHERINE D., US  
[72] KELLIS, JAMES T., JR., US  
[72] GHOSH, CHANCHAL KUMAR, US  
[72] PAECH, CHRISTIAN, US  
[72] NAKI, DONALD P., US  
[71] THE PROCTER & GAMBLE  
COMPANY, US  
[71] GENENCOR INTERNATIONAL,  
INC., US  
[85] 2000-04-20  
[86] 1998-10-23 (PCT/US98/22588)  
[87] 1999-04-29 (WO99/20727)  
[30] US (08/956,323) 1997-10-23  
[30] US (08/956,564) 1997-10-23  
[30] US (08/956,324) 1997-10-23

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[21] **2,306,936**  
[13] A1  
[51] Int.Cl. 6E21B 19/16 6B25B 17/00  
[25] EN  
[54] **APPARATUS FOR UNSCREWING  
DRILL PIPE SECTIONS  
APPAREIL POUR DEVISSER DES  
SECTIONS DE TIGE DE FORAGE**  
[72] GRINDSTAFF, WILLIAM C., US  
[72] MADDEN, JOHN D., US  
[72] PEARCE, RICHARD J., US  
[71] DRILTECH INC., US  
[85] 2000-04-12  
[86] 1998-10-29 (PCT/US98/22636)  
[87] 1999-05-14 (WO99/22915)  
[30] US (08/961,226) 1997-10-30

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[21] **2,309,343**  
[13] A1  
[51] Int.Cl. 6C12N 15/13 6A61K 38/17  
6C07K 16/28 6C07K 14/705  
[25] EN  
[54] **TOSO  
PROTEINE TOSO**  
[72] NOLAN, GARRY P., US  
[72] HITOSHI, YASUMICHI, US  
[71] THE BOARD OF TRUSTEES OF  
LELAND STANFORD JUNIOR  
UNIVERSITY, US  
[85] 2000-05-12  
[86] 1998-11-16 (PCT/US98/24391)  
[87] 1999-05-27 (WO99/25832)  
[30] US (60/066,063) 1997-11-17  
[30] US (09/135,238) 1998-08-17

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[21] **2,310,235**  
[13] A1  
[51] Int.Cl. 7H04Q 7/30 7H04B 7/216  
7H04Q 7/32 7H04B 1/69  
[25] EN  
[54] **DEVICE AND METHOD FOR  
PERFORMING FRAME SYNC USING  
SYNC CHANNEL IN MOBILE  
COMMUNICATION SYSTEM  
DISPOSITIF ET PROCEDE  
PERMETTANT D'EFFECTUER UNE  
SYNCHRONISATION DE TRAME A  
L'AIDE D'UN CANAL DE  
SYNCHRONISATION DANS UN  
SYSTEME DE COMMUNICATIONS  
MOBILE**  
[72] MOON, HI-CHAN, KR  
[72] KIM, JONG-HAN, KR  
[71] SAMSUNG ELECTRONICS CO.,  
LTD., KR  
[85] 2000-05-16  
[86] 1999-09-17 (PCT/KR99/00562)  
[87] 2000-03-23 (WO00/16437)  
[30] KR (38919/1998) 1998-09-17

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[21] **2,310,258**  
[13] A1  
[51] Int.Cl. 7H04Q 7/36 7H04Q 7/30  
7H04Q 7/32 7H04B 1/69  
[25] EN  
[54] **COMMON CHANNEL  
COMMUNICATION DEVICE AND  
METHOD SUPPORTING VARIOUS  
DATA RATES IN MOBILE  
COMMUNICATION SYSTEM  
PROCEDE ET DISPOSITIF DE  
COMMUNICATION A CANAUX  
COMMUNS SUPPORTANT DIVERS  
DEBITS DE DONNEES DANS UN  
SYSTEME DE COMMUNICATION  
MOBILE**  
[72] KIM, DAE-GYUN, KR  
[72] LEE, HYUN-SEOK, KR  
[71] SAMSUNG ELECTRONICS CO.,  
LTD., KR  
[85] 2000-05-12  
[86] 1999-09-14 (PCT/KR99/00543)  
[87] 2000-03-23 (WO00/16434)  
[30] KR (1998/38352) 1998-09-14

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<p style="text-align: center;">[21] <b>2,310,321</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H03M 13/19 7G06F 17/30</b> [25] EN [54] <b>METHOD AND SYSTEM FOR DETERMINING APPROXIMATE HAMMING DISTANCE AND APPROXIMATE NEAREST NEIGHBORS IN AN ELECTRONIC STORAGE DEVICE</b> [54] <b>PROCEDE ET SYSTEME POUR LA DETERMINATION DE LA DISTANCE DE HAMMING ET DES ELEMENTS VOISINS APPROXIMATIVEMENT LES PLUS PROCHES DANS UN DISPOSITIF DE STOCKAGE ELECTRONIQUE</b> [72] RABANI, YUVAL, US [72] OSTROVSKY, RAFAIL, US [71] TELCORDIA TECHNOLOGIES, INC., US [85] 2000-05-16 [86] 1998-11-17 (PCT/US98/24452) [87] 1999-05-27 (WO99/26235) [30] US (60/066,936) 1997-11-17</p>	<p style="text-align: center;">[21] <b>2,310,724</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/472 7D21F 7/12</b> [25] EN [54] <b>METHOD OF MAKING A SHAPED ABSORBENT INTERLABIAL DEVICE</b> [54] <b>PROCEDE DE FABRICATION D'UN DISPOSITIF INTERLABIAL ABSORBANT FORME</b> [72] MCFALL, RONALD RAY, US [72] HERSHBERGER, MICHAEL NYLE, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-05-18 [86] 1998-11-25 (PCT/US98/25223) [87] 1999-06-03 (WO99/26770) [30] US (08/979,979) 1997-11-26</p>	<p style="text-align: center;">[21] <b>2,310,812</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04B 1/69 7H04Q 7/20</b> [25] EN [54] <b>APPARATUS AND METHOD OF SEARCHING FOR PN SEQUENCE PHASE IN MULTI-CARRIER CDMA MOBILE COMMUNICATION SYSTEM</b> [54] <b>APPAREIL ET PROCEDE POUR RECHERCHER LA PHASE DE SEQUENCE DE BRUIT PSEUDO-ALEATOIRE DANS UN SYSTEME DE COMMUNICATION MOBILE AMCR A PORTEUSES MULTIPLES</b> [72] KIM, SANG-BUM, KR [72] KIM, HYE-JEONG, KR [71] SAMSUNG ELECTRONICS CO., LTD., KR [85] 2000-05-23 [86] 1999-09-27 (PCT/KR99/00583) [87] 2000-03-30 (WO00/18142) [30] KR (39747/1998) 1998-09-24</p>
	<p style="text-align: center;">[21] <b>2,310,745</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01J 20/06 7B65D 81/20 7C08K 3/22 7C08K 3/30</b> [25] EN [54] <b>OXYGEN SCAVENGING HYDROTALCITE AND COMPOSITIONS CONTAINING SAME</b> [54] <b>HYDROTALCITE DESOXYGENANT ET COMPOSITIONS LE CONTENANT</b> [72] HALLOCK, JOHN SCOTT, US [72] SPEER, DREW VE, US [71] W.R. GRACE &amp; CO.-CONN., US [85] 2000-05-19 [86] 1998-09-15 (PCT/US98/19179) [87] 1999-06-03 (WO99/27005) [30] US (08/975,830) 1997-11-21</p>	

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[13] A1

[51] **Int.Cl. 7H04B 1/69 7H04Q 7/20**  
[25] EN  
[54] **DEVICE AND METHOD FOR GENERATING QUASI-ORTHOGONAL CODE AND SPREADING CHANNEL SIGNALS IN MOBILE COMMUNICATION SYSTEM**  
[54] **DISPOSITIF POUR GENERER DES SIGNAUX DE CODES QUASI-ORTHOGONAUX ET POUR ETALER DES SIGNAUX DE VOIE DANS UN SYSTEME DE COMMUNICATION MOBILE**  
[72] KANG, HEE-WON, KR  
[72] KIM, JAE-YOEL, KR  
[72] YANG, KYEONG-CHEOL, KR  
[72] KIM, YOUNG-KY, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2000-05-23  
[86] 1999-09-22 (PCT/KR99/00578)  
[87] 2000-04-06 (WO00/19730)  
[30] KR (40408/1998) 1998-09-25

[21] **2,311,164**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07H 21/02 6C07H 21/04 6C12P 19/34**  
[25] EN  
[54] **NUCLEIC ACID LIGANDS OF TISSUE TARGET**  
[54] **LIGANDS D'ACIDE NUCLEIQUE DE CIBLE TISSULAIRE**  
[72] STEPHENS, ANDREW, US  
[72] SPECK, ULRICH, DE  
[72] GOLD, LARRY, US  
[71] SCHERING AKTIENGESELLSCHAFT, US  
[71] NEXSTAR PHARMACEUTICALS, INC., US  
[85] 2000-05-23  
[86] 1998-11-19 (PCT/US98/25006)  
[87] 1999-06-03 (WO99/27138)  
[30] US (08/976,413) 1997-11-21

[21] **2,311,170**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 47/00 6A01K 67/027 6C12N 5/10 6C07K 16/18 6C07K 14/47**  
[25] EN  
[54] **THE NIP3 FAMILY OF PROTEINS**  
[54] **FAMILLE NIP3 DE PROTEINES**  
[72] GREENBERG, ARNOLD H., CA  
[71] UNIVERSITY OF MANITOBA, CA  
[71] MANITOBA CANCER TREATMENT & RESEARCH FOUNDATION, CA  
[85] 2000-05-23  
[86] 1998-11-24 (PCT/IB98/01959)  
[87] 1999-06-03 (WO99/27093)  
[30] US (60/066,649) 1997-11-24  
[30] US (60/098,159) 1998-08-27

[21] **2,311,182**  
[13] A1

[51] **Int.Cl. 6A61K 31/70 6C07H 21/00 6C12N 5/06**  
[25] EN  
[54] **TRANSCRIPTION FACTOR DECOY AND TUMOR GROWTH INHIBITOR**  
[54] **LEURRE DU FACTEUR DE TRANSCRIPTION ET INHIBITEUR DE LA CROISSANCE TUMORALE**  
[72] CHO-CHUNG, YOON S., US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRE, US  
[85] 2000-05-23  
[86] 1998-11-23 (PCT/US98/25307)  
[87] 1999-06-03 (WO99/26634)  
[30] US (08/977,643) 1997-11-24

[21] **2,311,237**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6C07K 14/47 6C12N 15/85**  
[25] EN  
[54] **HUMAN PROTEINS HAVING TRANSMEMBRANE DOMAINS AND DNAs ENCODING THESE PROTEINS**  
[54] **PROTEINES HUMAINES PRESENTANT DES DOMAINES MEMBRANAIRES ET ADN CODANT CES PROTEINES**  
[72] SEKINE, SHINGO, JP  
[72] KATO, SEISHI, JP  
[72] KIMURA, TOMOKO, JP  
[71] SAGAMI CHEMICAL RESEARCH CENTER, JP  
[71] PROTEGENE INC., JP  
[85] 2000-05-25  
[86] 1998-11-20 (PCT/JP98/05238)  
[87] 1999-06-03 (WO99/27094)  
[30] JP (9/323129) 1997-11-25

[21] **2,311,238**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **METHOD FOR UNBIASED MRNA AMPLIFICATION**  
[54] **TECHNIQUE D'AMPLIFICATION DE L'ARNM NON BIAISEE**  
[72] CHUNG, ALICIA, US  
[72] WANG, BRUCE, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2000-05-18  
[86] 1998-11-12 (PCT/US98/24122)  
[87] 1999-05-27 (WO99/25873)  
[30] US (08/974,273) 1997-11-19

[21] **2,311,239**  
[13] A1

[51] **Int.Cl. 6C12N 15/65 6C12N 5/10 6C07K 14/435 6C12Q 1/68**  
[25] EN  
[54] **METHODS FOR DEFINING CELL TYPES**  
[54] **METHODES DE DEFINITION DE TYPES CELLULAIRES**  
[72] SERAFINI, TITO, US  
[72] NGAI, JOHN, US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2000-05-23  
[86] 1998-12-14 (PCT/US98/26807)  
[87] 1999-06-17 (WO99/29877)  
[30] US (60/069,589) 1997-12-12  
[30] US (09/049,664) 1998-03-27

[21] **2,311,281**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12N 1/00 6C12P 21/02 6C12Q 1/02 6C12N 5/10 6C07K 14/47 6G01N 33/53 6C12N 15/63 6C12Q 1/68**  
[25] EN  
[54] **CYP7 PROMOTER-BINDING FACTORS**  
[54] **FACTEURS DE LIAISON DU PROMOTEUR DE CYP7**  
[72] SHAN, BEI, US  
[72] NITTA, MASAHIRO, JP  
[71] TULARIK INC., US  
[71] SUMITOMO PHARMACEUTICALS COMPANY, LIMITED, JP  
[85] 2000-05-29  
[86] 1998-12-08 (PCT/US98/25965)  
[87] 1999-06-17 (WO99/29727)  
[30] US (60/067,708) 1997-12-08  
[30] US (09/132,619) 1998-08-11



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[13] A1

[51] **Int.Cl. 6C12N 15/90 6A61K 48/00 6A01K 67/027 6C07K 14/47 6C12N 15/52**

[25] EN

[54] **YAC VECTORS**

[54] **VECTEURS**

[72] HARMAR, ANTHONY JOHN, GB

[72] SHEN, SANBING, GB

[72] SCHEDL, ANDREAS, DE

[71] MEDICAL RESEARCH COUNCIL, GB

[85] 2000-05-26

[86] 1998-11-27 (PCT/GB98/03558)

[87] 1999-06-10 (WO99/28449)

[30] GB (9725311.6) 1997-11-28

[30] GB (9725313.2) 1997-11-28

[30] GB (9806072.6) 1998-03-20

[30] GB (9824275.3) 1998-11-05

[21] **2,311,283**

[13] A1

[51] **Int.Cl. 6C12N 15/11 6A61K 38/00 6C07K 14/00 6A01N 37/18 6A61K 38/54**

[25] EN

[54] **PURIFICATION AND MICROSEQUENCING OF HYALURONIDASE ISOZYMES**

[54] **PURIFICATION ET MICROSEQUENCAGE D'ISOZYMES DE HYALURONIDASE**

[72] WONG, TIM M., US

[72] CSOKA, ANTHONY, US

[72] STERN, ROBERT, US

[72] FROST, GREGORY I., US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[85] 2000-06-01

[86] 1998-11-12 (PCT/US98/24206)

[87] 1999-06-17 (WO99/29841)

[30] US (08/987,743) 1997-12-09

[21] **2,311,292**

[13] A1

[51] **Int.Cl. 6H04Q 7/30**

[25] EN

[54] **FLEXIBLE FREQUENCY-TIME DIVISION DUPLEX IN RADIO COMMUNICATIONS SYSTEMS**

[54] **DUPLEX SOUPLE A**

**REPARTITION EN FREQUENCE ET DANS LE TEMPS DANS DES SYSTEMES DE**

**RADIOCOMMUNICATIONS**

[72] LENZO, MICHAEL, US

[72] SHEN, QUN, US

[71] ERICSSON INC., US

[85] 2000-05-09

[86] 1998-11-13 (PCT/US98/24370)

[87] 1999-05-27 (WO99/26437)

[30] US (60/065,797) 1997-11-14

[30] US (09/189,808) 1998-11-12

[21] **2,311,294**

[13] A1

[51] **Int.Cl. 6A61K 7/48**

[25] FR

[54] **UTILISATION DE POLYMERES HYPERBRANCHES ET DE**

**DENDRIMERES COMPORTANT UN GROUPEMENT PARTICULIER, EN TANT QU'AGENT FILMOGENE, LES COMPOSITIONS FILMOGENES LES COMPRENANT ET LEUR**

**UTILISATION NOTAMMENT EN COSMETIQUE OU EN PHARMACIE**

[54] **USE OF HYPERBRANCHED**

**POLYMERS AND DENDRIMERS**

**COMPRISES A PARTICULAR GROUP AS FILM-FORMING AGENT, FILM-FORMING COMPOSITIONS**

**COMPRISES SAME AND USE**

**PARTICULARLY IN COSMETICS AND PHARMACEUTICS**

[72] GENARD, SYLVIE, FR

[72] MAIGNAN, JEAN, FR

[71] L'OREAL, FR

[85] 2000-05-30

[86] 1998-11-26 (PCT/FR98/02537)

[87] 1999-07-01 (WO99/32076)

[30] FR (97/16175) 1997-12-19

[21] **2,311,295**

[13] A1

[51] **Int.Cl. 6C07K 7/56 6A61K 38/12**

[25] FR

[54] **DERIVES DE L'ECHINOCANDINE, LEUR PROCEDE DE PREPARATION ET LEUR APPLICATION COMME ANTI-FONGIQUES**

[54] **ECHINOCANDIN DERIVATIVES, PREPARATION METHOD AND APPLICATION AS ANTI-FUNGAL AGENTS**

[72] SCHIO, LAURENT, FR

[72] MELON MANGUER, DOMINIQUE, FR

[72] COURTIN, OLIVIER, FR

[72] MARKUS, ASTRID, FR

[72] MICHEL, JEAN-MARC, FR

[72] FAUVEAU, PATRICK, FR

[71] HOECHST MARION ROUSSEL, FR

[85] 2000-05-30

[86] 1998-12-09 (PCT/FR98/02671)

[87] 1999-06-17 (WO99/29716)

[30] FR (97/15628) 1997-12-10

[30] FR (98/13361) 1998-10-26

[21] **2,311,297**

[13] A1

[51] **Int.Cl. 6C07K 14/015 6C07K 16/08 6C12N 15/11 6A61K 39/12 6C12N 15/35 6G01N 33/53 6C12N 15/64 6C12Q 1/68**

[25] FR

[54] **ERYTHROVIRUS ET SES APPLICATIONS**

[54] **ERYTHROVIRUS AND ITS**

**APPLICATIONS**

[72] NGUYEN, QUANG TRI, FR

[72] GARBARG-CHENON, ANTOINE, FR

[72] AUGUSTE, VERONIQUE, FR

[71] ASSISTANCE PUBLIQUE-

HOPITAUX DE PARIS, FR

[85] 2000-06-02

[86] 1998-12-03 (PCT/FR98/02615)

[87] 1999-06-10 (WO99/28439)

[30] FR (97/15197) 1997-12-03

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[13] A1

[51] **Int.Cl. 7F04B 49/02 7F04B 49/025 7F04B 49/06 7G01F 23/62**  
[25] EN  
[54] **PUMP AND CONTROLLER SYSTEM AND METHOD**  
[54] **SYSTEME POMPE ET COMMANDE ET SON PROCEDE D'UTILISATION**  
[72] BURRILL, JAMES T., US  
[72] HAUSS, RICHARD J., US  
[72] BATCHELDER, SCOTT K., US  
[71] RULE INDUSTRIES, INC., US  
[85] 2000-05-23  
[86] 1999-09-17 (PCT/US99/21289)  
[87] 2000-03-30 (WO00/17521)  
[30] US (09/159,909) 1998-09-24

[21] **2,311,333**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **METHODS FOR MAKING NUCLEIC ACIDS**  
[54] **METHODES DE PRODUCTION D'ACIDES NUCLEIQUES**  
[72] LIN, DAVID, US  
[72] NGAI, JOHN, US  
[72] LUU, PERCY, US  
[72] SERAFINI, TITO, US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
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[86] 1998-12-14 (PCT/US98/26806)  
[87] 1999-06-17 (WO99/29907)  
[30] US (60/069,589) 1997-12-12  
[30] US (09/049,806) 1998-03-27

[21] **2,311,336**  
[13] A1

[51] **Int.Cl. 6C12N 7/06 6A61K 39/12**  
[25] EN  
[54] **ENHANCED IMMUNOGEN FOR INACTIVATED VACCINE FOR INFECTION WITH JAPANESE ENCEPHALITIS VIRUSES AND PROCESS FOR PRODUCING THE SAME**  
[54] **IMMUNOGENE AMELIORE POUR UN VACCIN INACTIF CONTRE UNE INFECTION A VIRUS DE L'ENCEPHALITE JAPONAISE ET PROCEDE DE PRODUCTION ASSOCIE**  
[72] YOSHI, HIRONORI, JP  
[72] ISHIBASHI, MASAHIDE, JP  
[72] ISHIKAWA, TOYOKAZU, JP  
[72] ONISHI, TOSHIYUKI, JP  
[72] IMAGAWA, TADASHI, JP  
[71] THE RESEARCH FOUNDATION FOR MICROBIAL DISEASES OF OSAKA UNIVERSITY, JP  
[85] 2000-05-31  
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[87] 2000-04-13 (WO00/20565)  
[30] JP (10/319762) 1998-10-05

[21] **2,311,409**  
[13] A1

[51] **Int.Cl. 6C07K 16/32 6A61K 31/335 6A61K 39/395**  
[25] EN  
[54] **TREATMENT WITH ANTI-ERBB2 ANTIBODIES**  
[54] **TRAITEMENT AUX ANTICORPS ANTI-ERBB2**  
[72] SHAK, STEVEN, US  
[72] PATON, VIRGINIA E., US  
[71] GENENTECH, INC., US  
[85] 2000-05-31  
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[87] 1999-06-24 (WO99/31140)  
[30] US (60/069,346) 1997-12-12

[21] **2,311,414**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6A61K 33/32 6C07K 16/40 6A61K 38/43 6C12N 15/54 6C12N 15/63 6C12Q 1/68**  
[25] EN  
[54] **EXAMINATION METHOD, EXAMINATION REAGENT AND REMEDY FOR DISEASES CAUSED BY VARIATION IN LKB1 GENE**  
[54] **TECHNIQUE D'EXAMEN, REACTIF POUR EXAMEN ET MEDICAMENT RELATIF A DES AFFECTIONS PROVOQUEES PAR DES MODIFICATIONS SURVENUES DANS LE GENE LKB1**  
[72] JENNE, DIETER E., DE  
[72] NEZU, JUN-ICHI, JP  
[71] CHUGAI RESEARCH INSTITUTE FOR MOLECULAR MEDICINE, INC., JP  
[85] 2000-05-25  
[86] 1998-11-27 (PCT/JP98/05357)  
[87] 1999-06-10 (WO99/28459)  
[30] JP (9/344256) 1997-11-27  
[30] JP (10/280357) 1998-10-01

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[13] A1

[51] **Int.Cl. 6C12N 15/85 6A01K 67/027 6C12N 9/10 6C07K 16/30 6C07K 16/40 6C07K 14/47 6C12Q 1/68**  
[25] EN  
[54] **PROSTATE CANCER GENE**  
[54] **GENE ASSOCIE AU CANCER DE LA PROSTATE**  
[72] COHEN, DANIEL, FR  
[72] BLUMENFELD, MARTA, FR  
[72] BOUGUELERET, LYDIE, FR  
[72] CHUMAKOV, ILYA, FR  
[71] GENSET, FR  
[85] 2000-05-31  
[86] 1998-12-22 (PCT/IB98/02133)  
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<p style="text-align: right;">[21] <b>2,311,598</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/31 6A23C 19/032 6C12N 1/21 6C07K 14/315 6C12N 15/74</b> [25] EN [54] <b>DNA ENCODING PHAGE RESISTANCE PROTEIN</b> [54] <b>ADN CODANT UNE PROTEINE DE RESISTANCE AUX PHAGES</b> [72] KONDO, JEFFREY K., US [72] MOINEAU, SYLVAIN, CA [72] VEDAMUTHU, EBENEZER R., US [72] WALKER, SHIRLEY A., US [72] EMOND, ERIC, CA [71] KONDO, JEFFREY K., US [71] QUEST INTERNATIONAL B.V., NL [85] 2000-05-26 [86] 1998-11-19 (PCT/IB98/01956) [87] 1999-06-10 (WO99/28476) [30] US (08/980,329) 1997-11-28</p>	<p style="text-align: right;">[21] <b>2,311,601</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/53 6C12N 9/04 6C12N 1/15 6C12N 9/16 6C12P 7/18 6C12N 1/19 6C12P 7/20 6C12N 1/21 6C12N 15/55 6C12N 15/60 6C12N 9/88</b> [25] EN [54] <b>METHOD FOR THE PRODUCTION OF GLYCEROL BY RECOMBINANT ORGANISMS</b> [54] <b>PROCEDE DE PRODUCTION DE GLYCEROL PAR DES ORGANISMES DE RECOMBINAISON</b> [72] NAIR, RAMESH V., US [72] PAYNE, MARK S., US [72] VALLE, FERNANDO, US [72] TRIMBUR, DONALD E., US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [71] GENECOR INTERNATIONAL, INC., US [85] 2000-05-30 [86] 1998-12-02 (PCT/US98/25551) [87] 1999-06-10 (WO99/28480) [30] US (08/982,783) 1997-12-02</p>	<p style="text-align: right;">[21] <b>2,311,610</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/54 6C12N 9/12 6A61K 38/45 6G01N 33/50</b> [25] EN [54] <b>HUMAN IRAK-2, A HUMAN INTERLEUKIN-1 RECEPTOR ASSOCIATED KINASE-2</b> [54] <b>IRAK-2 HUMAINE, KINASE-2 HUMAINE ASSOCIEE AU RECEPTEUR DE L'INTERLEUKINE-1</b> [72] MUZIO, MARTA, IT [72] FENG, PING, US [72] NI, JIAN, US [72] DIXIT, VISHVA M., US [71] HUMAN GENOME SCIENCES, INC., US [71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US [85] 2000-05-26 [86] 1998-11-25 (PCT/US98/25184) [87] 1999-06-03 (WO99/27112) [30] US (08/980,060) 1997-11-26</p>
<p style="text-align: right;">[21] <b>2,311,599</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6A61K 49/00 6A01K 67/027 6C12N 5/10 6G01N 33/50 6C07K 14/82 6C12N 15/85</b> [25] EN [54] <b>TRANSGENIC NON-HUMAN MAMMALS WITH AN ONCOGENIC MUTANT OF RAF GENE 1</b> [54] <b>MAMMIFERE TRANSGENIQUE NON HUMAIN AYANT UN MUTANT ONCOGENE DU GENE RAF-1</b> [72] RAPP, ULF R., DE [71] RAPP, ULF R., DE [85] 2000-05-26 [86] 1998-11-27 (PCT/DE98/03557) [87] 1999-06-10 (WO99/28453) [30] DE (197 54 774.5) 1997-11-28</p>		

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[51] **Int.Cl. 6C12N 15/12 6A61K 38/17 6C12N 1/19 6C12N 1/21 6C07K 14/47 6C12Q 1/68**

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[54] **MOLECULES INTERACTING WITH APOPTIN**

[54] **MOLECULES AYANT UNE INTERACTION AVEC L'APOPTINE**

[72] NOTEBORN, MATHIEU HUBERTUS MARIA, NL

[72] DANEN-VAN OORSCHOT, ASTRID ADRIANA ANNA MARIA, NL

[71] LEADD B.V., NL

[85] 2000-06-02

[86] 1998-12-03 (PCT/NL98/00687)

[87] 1999-06-10 (WO99/28460)

[30] EP (97203781.6) 1997-12-03

[21] **2,311,613**  
[13] A1

[51] **Int.Cl. 6A61K 38/44 6A23C 9/123 6A61K 38/45**

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[54] **CHEMOPROTECTIVE BACTERIAL STRAINS**

[54] **SOUCHES BACTERIENNES CHIMIOPROTECTORICES**

[72] FAHL, WILLIAM E., US

[72] MANOHARAN, HERBERT, US

[72] LOO, DEBORAH, US

[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US

[85] 2000-05-26

[86] 1998-11-27 (PCT/US98/25315)

[87] 1999-06-10 (WO99/27953)

[30] US (60/066,969) 1997-11-28

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[13] A1

[51] **Int.Cl. 6C07K 14/47 6C07K 7/06 6A61K 38/17 6A61K 47/48**

[25] EN

[54] **CONJUGATES USEFUL IN THE TREATMENT OF PROSTATE CANCER**

[54] **CONJUGUES UTILES DANS LE TRAITEMENT DU CANCER DE LA PROSTATE**

[72] BRADY, STEPHEN F., US

[72] GARSKY, VICTOR M., US

[72] FENG, DONG-MEI, US

[71] MERCK & CO., INC., US

[85] 2000-05-30

[86] 1998-11-25 (PCT/US98/25358)

[87] 1999-06-10 (WO99/28345)

[30] US (60/067,110) 1997-12-02

[30] GB (9804399.5) 1998-03-02

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[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6C12N 15/13 6C07K 16/18 6C12N 1/19 6C12N 1/21 6C07K 14/47 6C12N 15/62 6C12Q 1/68**

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[54] **POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME**

[54] **POLYPEPTIDES ET ACIDES NUCLEIQUES CODANT CES DERNIERS**

[72] CHEN, JIAN, US

[72] GODDARD, AUDREY, US

[72] WOOD, WILLIAM I., US

[72] YUAN, JEAN, US

[72] BAKER, KEVIN P., US

[72] GURNEY, AUSTIN L., US

[71] GENENTECH, INC., US

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[87] 1999-06-10 (WO99/28462)

[30] US (60/067,411) 1997-12-03

[30] US (60/069,334) 1997-12-11

[30] US (60/069,335) 1997-12-11

[30] US (60/069,278) 1997-12-11

[30] US (60/069,425) 1997-12-12

[30] US (60/069,696) 1997-12-16

[30] US (60/069,694) 1997-12-16

[30] US (60/069,702) 1997-12-16

[30] US (60/069,870) 1997-12-17

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[30] US (60/074,092) 1998-02-09

[30] US (60/075,945) 1998-02-25

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[13] A1

[51] **Int.Cl. 6C12N 15/86 6A61K 48/00 6C12N 5/10**

[25] EN

[54] **PSEUDO-TYPE RETROVIRAL VECTORS WITH MODIFIABLE SURFACE CAPSID PROTEINS**

[54] **VECTEURS RETROVIRAUX PSEUDOTYPES A PROTEINES DE SURFACE D'ENVELOPPE ET PROCEDE DE FABRICATION DESDITS VECTEURS POUR LE TRANSFERT SELECTIF DE GENES**

[72] MERGET-MILLITZER, HEIKE, DE

[72] CICHUTEK, KLAUS, DE

[71] BUNDESREPUBLIK DEUTSCHLAND, LETZTVERTRETEN DURCH DEN PRÄSIDENTEN DES PAU, DE

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[86] 1998-11-27 (PCT/DE98/03542)

[87] 1999-06-10 (WO99/28488)

[30] DE (197 52 855.4) 1997-11-28

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[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6C07K 14/47 6A61K 31/70 6C12N 15/86**

[25] EN

[54] **METHOD FOR PREPARING ADENOVIRUS VECTORS, VECTORS SO PREPARED, AND USES THEREOF**

[54] **PROCEDE DE PREPARATION DE VECTEURS D'ADENOVIRUS, VECTEURS AINSI PREPARES ET LEURS UTILISATIONS**

[72] SHENK, THOMAS, US

[72] PARKS, CHRISTOPHER L., US

[71] PRINCETON UNIVERSITY, US

[85] 2000-05-25

[86] 1998-11-25 (PCT/US98/25361)

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[30] US (60/066,295) 1997-11-25

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[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6C12N 5/10 6A61K 38/17 6C07K 14/47 6C12N 15/62 6A61K 31/70 6C12N 15/86**

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[54] **COMPOSITIONS AND METHODS FOR INDUCING GENE EXPRESSION**

[54] **COMPOSITIONS ET PROCEDES INDUISANT L'EXPRESSION GENIQUE**

[72] VINCENT, KAREN, US

[72] GREGORY, RICHARD J., US

[71] GENZYME CORPORATION, US

[85] 2000-05-31

[86] 1998-12-04 (PCT/US98/25753)

[87] 1999-06-10 (WO99/28469)

[30] US (60/067,546) 1997-12-04

[30] US (09/133,612) 1998-08-13

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[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07K 7/08 6C12N 15/11 6C07K 16/32 6G01N 33/574**

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[54] **GENE FAMILY WITH TRANSFORMATION MODULATING ACTIVITY**

[54] **FAMILLE DE GENES POSSEDANT UNE ACTIVITE DE MODULATION DE LA TRANSFORMATION**

[72] PASTERNAK, GARY R., US

[72] KOCHAVAR, GERALD J., US

[72] BRODY, JONATHAN R., US

[72] KADKOL, SHRIHARI S., US

[71] THE JOHNS HOPKINS UNIVERSITY, US

[85] 2000-05-31

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[13] A1

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[54] **TSA305 GENE**  
[54] **GENE TSA305**  
[72] HARADA, YOSUKE, JP  
[72] OZAKI, KOUICHI, JP  
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP  
[85] 2000-05-29  
[86] 1998-11-25 (PCT/JP98/05306)  
[87] 1999-06-10 (WO99/28457)  
[30] JP (9/343789) 1997-11-28  
[30] JP (10/126803) 1998-04-20

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[13] A1

[51] **Int.Cl. 6A61K 39/21 6C12N 5/10 6C07K 14/16 6C12N 15/49 6C12N 15/86**  
[25] EN  
[54] **HIV-1 TAT, OR DERIVATIVES THEREOF FOR PROPHYLACTIC AND THERAPEUTIC VACCINATION**  
[54] **TAT DE VIH-1 OU SES DERIVES COMME PRODUIT PROPHYLACTIQUE OU THERAPEUTIQUE DE VACCINATION**  
[72] ENSOLI, BARBARA, IT  
[71] ISTITUTO SUPERIORE DI SANITA', IT  
[85] 2000-05-31  
[86] 1998-11-30 (PCT/EP98/07721)  
[87] 1999-06-10 (WO99/27958)  
[30] IT (RM97A000743) 1997-12-01

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[13] A1

[51] **Int.Cl. 6A61K 38/21 6C07K 19/00 6C12N 5/10 6C12N 15/12 6A61K 38/17 6C07K 14/555 6C07K 14/715**  
[25] EN  
[54] **IFNAR2/IFN COMPLEX**  
[54] **COMPLEXE IFNAR2/IFN**  
[72] SHERRIS, DAVID, US  
[72] CUNNINGHAM, MARK, US  
[72] TEPPER, MARK, US  
[72] EL TAYAR, NABIL, US  
[72] MCKENNA, SEAN, US  
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN  
[85] 2000-05-31  
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[87] 1999-07-01 (WO99/32141)  
[30] US (60/068,295) 1997-12-19

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[13] A1

[51] **Int.Cl. 6C12N 15/53 6C12P 11/00 6C12P 13/02 6C12P 7/42 6C12P 7/62**  
[25] EN  
[54] **METHOD FOR PRODUCING TRIFLUORO-3(R)-HYDROXYBUTYRIC ACID DERIVATIVES**  
[54] **PROCEDE POUR LA PREPARATION DE DERIVES D'ACIDE TRIFLUOR-3(R)-HYDROXYBUTYRIQUE**  
[72] KIENER, ANDREAS, CH  
[72] THONI, SUSANNE, CH  
[72] SHIMIZU, SAKAYU, JP  
[72] HISCHIER, MARIE-LUISE, CH  
[72] PETERSEN, MICHAEL, CH  
[72] BIRCH, OLWEN, CH  
[71] LONZA AG, SE  
[85] 2000-05-29  
[86] 1999-02-18 (PCT/EP99/01017)  
[87] 1999-08-26 (WO99/42590)  
[30] CH (388/98) 1998-02-18

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[13] A1

[51] **Int.Cl. 6C07K 14/715 6C12N 15/12 6C12N 5/16 6C12Q 1/68**  
[25] EN  
[54] **SIGNAL SEQUENCE TRAPPING METHOD**  
[54] **PROCEDE DE PIEGEAGE DE SIGNAL-SEQUENCE**  
[72] KOJIMA, TETSUO, JP  
[72] KITAMURA, TOSHIO, JP  
[71] KITAMURA, TOSHIO, JP  
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP  
[85] 2000-05-26  
[86] 1998-11-26 (PCT/JP98/05326)  
[87] 1999-06-03 (WO99/26978)  
[30] JP (9/324912) 1997-11-26

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[13] A1

[51] **Int.Cl. 6A61K 38/17 6A01K 67/027 6G01N 33/48**  
[25] EN  
[54] **USE OF SOLUBLE RECOMBINANT HUMAN CD40L PROTEIN FOR INHIBITING IN VIVO IMMUNE RESPONSE**  
[54] **UTILISATION D'UNE PROTEINE SOLUBLE HUMAINE DE RECOMBINAISON CD40 AFIN D'INHIBER UNE REPOSE IMMUNE IN VIVO**  
[72] CROW, ANDREW R., CA  
[72] FREEDMAN, JOHN, CA  
[72] LAZARUS, ALAN H., CA  
[71] CANADIAN BLOOD SERVICES, CA  
[85] 2000-05-26  
[86] 1998-11-27 (PCT/CA98/01105)  
[87] 1999-06-10 (WO99/27948)  
[30] CA (2,223,225) 1997-11-28

[21] **2,311,680**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **CANCER SUSCEPTIBILITY MUTATIONS OF BRCA2**  
[54] **MUTATIONS DU GENE BCRA2 DE SUSCEPTIBILITE AU CANCER**  
[72] THURBER, DENISE B., US  
[72] WHITE, MARGA B., US  
[72] OLSON, SHERI J., US  
[72] ALLEN, ANTONETTE P., US  
[72] LAWRENCE, TAMMY, US  
[72] LESCALLETT, JENNIFER L., US  
[71] GENE LOGIC, US  
[85] 2000-05-30  
[86] 1998-12-02 (PCT/US98/25511)  
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[30] US (08/984,034) 1997-12-02

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<p style="text-align: right;">[21] <b>2,311,681</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/20 6C12N 5/10 6C12N 1/19 6A61K 38/21 6C12N 1/21 6C07K 16/24 6C07K 14/555 6C12N 15/62 6G01N 33/68</b></p> <p>[25] EN [54] <b>HUMAN INTERFERON-EPSILON: A TYPE I INTERFERON</b> [54] <b>INTERFERON-EPSILON HUMAIN: INTERFERON DE TYPE I</b> [72] ZHANG, DONG-XIAO, US [72] GODOWSKI, PAUL J., US [72] CHEN, JIAN, US [72] WOOD, WILLIAM I., US [71] GENENTECH, INC., US [85] 2000-05-29 [86] 1998-12-03 (PCT/US98/25672) [87] 1999-06-17 (WO99/29863) [30] US (60/067,897) 1997-12-08 [30] US (60/084,045) 1998-05-04 [30] US (60/106,463) 1998-10-30</p>	<p style="text-align: right;">[21] <b>2,311,889</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38</b></p> <p>[25] EN [54] <b>SYSTEM AND METHOD FOR MOBILE TERMINAL POSITIONING</b> [54] <b>SYSTEME ET PROCEDE DE LOCALISATION D'UN TERMINAL MOBILE</b> [72] HAYES, STEPHEN, US [72] ROEL-NG, MAYA, US [72] KINGDON, CHRISTOPHER H., US [72] ZADEH, BAGHER R., US [71] ERICSSON INC., US [85] 2000-05-26 [86] 1998-11-23 (PCT/US98/25009) [87] 1999-06-03 (WO99/27743) [30] US (08/978,956) 1997-11-26</p>	<p style="text-align: right;">[21] <b>2,311,895</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F04C 2/107</b></p> <p>[25] EN [54] <b>PROGRESSIVE CAVITY MOTORS USING COMPOSITE MATERIALS</b> [54] <b>MOTEURS A CAVITE INTERMEDIAIRE UTILISANT DES MATERIAUX COMPOSITES</b> [72] SPENCER, BRIAN E., US [72] WOOD, STEVEN M., US [71] WOOD, STEVEN M., US [85] 2000-05-26 [86] 1998-11-05 (PCT/US98/23569) [87] 1999-06-03 (WO99/27254) [30] US (08/979,290) 1997-11-26</p>
<p style="text-align: right;">[21] <b>2,311,682</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 5/06 6C12N 5/08</b></p> <p>[25] EN [54] <b>LINEAGE RESTRICTED GLIAL PRECURSORS FROM THE CENTRAL NERVOUS SYSTEM</b> [54] <b>PRECURSEURS GLIAUX A LIGNAGE RESTREINT TIRES DU SYSTEME NERVEUX CENTRAL</b> [72] MAYER-PROSCHEL, MARGOT, US [72] RAO, MAHENDRA S., US [72] NOBLE, MARK, US [71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US [85] 2000-05-19 [86] 1998-11-17 (PCT/US98/24456) [87] 1999-06-10 (WO99/28443) [30] US (08/980,850) 1997-11-29</p>	<p style="text-align: right;">[21] <b>2,311,890</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38 6G01S 11/08</b></p> <p>[25] EN [54] <b>METHOD AND SYSTEM FOR DETERMINING POSITION OF MOBILE RADIO TERMINALS</b> [54] <b>PROCEDE ET SYSTEME POUR DETERMINER LA POSITION DE TERMINAUX DE RADIOCOMMUNICATIONS MOBILES</b> [72] LUNDQVIST, PATRIK, SE [72] FISCHER, SVEN, DE [72] GRUBECK, HANS, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-05-26 [86] 1998-11-20 (PCT/SE98/02112) [87] 1999-06-03 (WO99/27738) [30] US (08/978,960) 1997-11-26</p>	<p style="text-align: right;">[21] <b>2,311,899</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01J 61/067</b></p> <p>[25] EN [54] <b>GAS DISCHARGE LAMP WITH CONTROLLABLE LENGTH OF ILLUMINATION</b> [54] <b>LAMPE A DECHARGE DE LONGUEUR LUMINEUSE REGLABLE</b> [72] VOLLKOMMER, FRANK, DE [72] HITZSCHKE, LOTHAR, DE [71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE [85] 2000-05-26 [86] 1999-09-13 (PCT/DE99/02898) [87] 2000-04-06 (WO00/19486) [30] DE (198 44 725.6) 1998-09-29</p>
<p style="text-align: right;">[21] <b>2,311,885</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47K 17/00 6A47K 17/02 6A47K 13/24 6A47K 13/26</b></p> <p>[25] EN [54] <b>TOILET GRAB RAIL SUPPORT</b> [54] <b>SUPPORT POUR RAIL DE MAINTIEN DESTINE AUX W-C</b> [72] KELLEHER, HELEN JOY, AU [71] KELLEHER, HELEN JOY, AU [85] 2000-05-26 [86] 1998-11-27 (PCT/AU98/00979) [87] 2000-06-08 (WO00/32081) [30] AU (PP 0630) 1997-11-27</p>	<p style="text-align: right;">[21] <b>2,311,892</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 39/39</b></p> <p>[25] EN [54] <b>SAPONIN ADJUVANT COMPOSITION</b> [54] <b>COMPOSITION A BASE DE SAPONINE, TENANT LIEU D'ADJUVANT</b> [72] EDGAR, JOHN ALEXANDER, AU [72] TAHAN, KHIN AYE, AU [71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU [85] 2000-05-26 [86] 1998-11-30 (PCT/AU98/00990) [87] 1999-06-10 (WO99/27959) [30] AU (PP 0600) 1997-11-28</p>	<p style="text-align: right;">[21] <b>2,311,902</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01L 21/24 6H01L 29/06</b></p> <p>[25] EN [54] <b>FINE PROTUBERANCE STRUCTURE AND METHOD OF PRODUCTION THEREOF</b> [54] <b>STRUCTURE A PROTUBERANCES FINES ET SON PROCEDE DE FABRICATION</b> [72] WAKAYAMA, YUTAKA, JP [72] TANAKA, SHUN-ICHIRO, JP [71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP [71] KABUSHIKI KAISHA TOSHIBA, JP [85] 2000-05-26 [86] 1998-11-27 (PCT/JP98/05333) [87] 1999-06-10 (WO99/28959) [30] JP (9/326821) 1997-11-27</p>

## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,311,908</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E04F 19/06</b> [25] EN [54] <b>THRESHOLD BAR WITH LEVEL COMPENSATION</b> [54] <b>BARRE DE SEUIL A RATRAPAGE DE NIVEAU</b> [72] GERGONNE, MICHEL, FR [72] PERRUZO, JEAN-YVES, FR [71] DINAC S.A., [85] 2000-05-26 [86] 1999-09-30 (PCT/FR99/02332) [87] 2000-04-06 (WO00/19037) [30] FR (98/12397) 1998-09-30</p>	<p style="text-align: center;">[21] <b>2,311,912</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 31/02 6A01N 41/04</b> [25] EN [54] <b>AQUEOUS BACTERICIDAL COMPOSITIONS BASED ON ALKYL BENZENESULFONATES AND N-PROPANOL</b> [54] <b>COMPOSITIONS BACTERICIDES AQUEUSES BASEES SUR DES ALKYL BENZENESULFONATES ET DU N-PROPANOL</b> [72] MCCUE, KAREN ANN, US [71] RECKITT BENCKISER INC., US [85] 2000-05-26 [86] 1998-11-06 (PCT/US98/23865) [87] 1999-06-10 (WO99/27784) [30] GB (9725095.5) 1997-11-28</p>	<p style="text-align: center;">[21] <b>2,311,928</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 401/02 6A61K 31/415 6A61K 31/47</b> [25] EN [54] <b>INHIBITORS OF FARNESYL-PROTEIN TRANSFERASE</b> [54] <b>INHIBITEURS DE FARNESYL-PROTEINE TRANSFERASE</b> [72] deSOLMS, S. JANE, US [72] CICCARONE, TERRENCE M., US [71] MERCK &amp; CO., INC., US [85] 2000-05-26 [86] 1998-11-30 (PCT/US98/25383) [87] 1999-06-10 (WO99/28314) [30] US (08/985,337) 1997-12-04</p>
<p style="text-align: center;">[21] <b>2,311,911</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09D 167/02 6C09D 133/04 6C09D 151/04 6B32B 15/08 6C09D 123/16 6C08J 5/18 6C09D 123/26</b> [25] EN [54] <b>COATING RESIN COMPOSITION FOR METAL SHEETS, AND RESIN FILMS, RESIN-COATED METAL SHEETS AND RESIN-COATED METAL VESSELS EACH MADE BY USING THE COMPOSITION</b> [54] <b>COMPOSITION RESINEUSE DE REVETEMENT POUR FEUILLES METALLIQUES, FILM RESINEUX, FEUILLES METALLIQUES ENDUITES DE RESINE, ET RECIPIENTS METALLIQUES ENDUITS DE RESINE</b> [72] OHISHI, HIROSHI, JP [72] KUMAGAI, MASAHIRO, JP [72] KADOWAKI, NOBUO, JP [72] KAWAKAMI, KEIKO, JP [71] NIPPON STEEL CORPORATION, JP [85] 2000-05-26 [86] 1998-11-26 (PCT/JP98/05331) [87] 1999-06-03 (WO99/27026) [30] JP (09-324581) 1997-11-26 [30] JP (10-45704) 1998-02-26 [30] JP (10-74556) 1998-03-23</p>	<p style="text-align: center;">[21] <b>2,311,921</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/435 6C07D 471/04</b> [25] EN [54] <b>INHIBITORS OF FARNESYL-PROTEIN TRANSFERASE</b> [54] <b>INHIBITEURS DE LA TRANSFERASE DE LA FARNESYL-PROTEINE</b> [72] CICCARONE, TERRENCE M., US [72] deSOLMS, S. JANE, US [71] MERCK &amp; CO., INC., US [85] 2000-05-26 [86] 1998-11-30 (PCT/US98/25325) [87] 1999-06-10 (WO99/27928) [30] US (60/067,552) 1997-12-04 [30] GB (9807364.6) 1998-04-06</p>	<p style="text-align: center;">[21] <b>2,311,999</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/11 6C12N 15/63 6C12N 15/82</b> [25] EN [54] <b>GENETIC INHIBITION BY DOUBLE-STRANDED RNA</b> [54] <b>INHIBITION GENETIQUE PAR DE L'ARN DOUBLE BRIN</b> [72] XU, SIQUN, US [72] KOSTAS, STEPHEN A., US [72] FIRE, ANDREW, US [72] DRIVER, SAMUEL E., US [72] MONTGOMERY, MARY K., US [72] TABARA, HIROAKI, US [72] TIMMONS, LISA, US [72] MELLO, CRAIG C., US [71] THE CARNegie INSTITUTION OF WASHINGTON, US [71] THE UNIVERSITY OF MASSACHUSETTS, US [85] 2000-06-02 [86] 1998-12-21 (PCT/US98/27233) [87] 1999-07-01 (WO99/32619) [30] US (60/068,562) 1997-12-23 [30] US (09/215,257) 1998-12-18</p>
	<p style="text-align: center;">[21] <b>2,311,923</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/44 6C07D 471/04</b> [25] EN [54] <b>INHIBITORS OF FARNESYL-PROTEIN TRANSFERASE</b> [54] <b>INHIBITEURS DE LA TRANSFERASE DE LA FARNESYL-PROTEINE</b> [72] STUMP, CRAIG A., US [72] HALCZENKO, WASYL, US [71] MERCK &amp; CO., INC., US [85] 2000-05-26 [86] 1998-11-30 (PCT/US98/25324) [87] 1999-06-10 (WO99/27929) [30] US (08/984,732) 1997-12-04</p>	

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<p style="text-align: center;">[21] <b>2,312,004</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/00</b> [25] EN [54] <b>SITE-SPECIFIC PREPARATION OF POLYETHYLENE GLYCOL-GRF CONJUGATES</b> [54] <b>PREPARATION SPECIFIQUE A UN SITE DE CONJUGUES DE POLYETHYLENE GLYCOL-GRF</b> [72] VERONESE, FRANCESCO MARIA, IT [72] SCHIAVON, ODDONE, IT [72] CALICETI, PAOLO, IT [71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN [85] 2000-05-31 [86] 1998-12-01 (PCT/EP98/07748) [87] 1999-06-10 (WO99/27897) [30] EP (97121264.2) 1997-12-03</p>	<p style="text-align: center;">[21] <b>2,312,007</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6A61K 38/17 6C07K 14/47 6C12Q 1/68</b> [25] EN [54] <b>METHODS AND MEANS FOR INDUCING APOPTOSIS BY INTERFERING WITH BIP-LIKE PROTEINS</b> [54] <b>DISPOSITIF ET PROCEDE D'INDUCTION DE L'APOPTOSE EN FAISANT INTERFERER DES PROTEINES DE TYPE BIP</b> [72] DANEN-VAN OORSCHOT, ASTRID ADRIANA ANNA MARIA, NL [72] NOTEBORN, MATHIEU HUBERTUS MARIA, NL [71] LEADD B.V., NL [85] 2000-06-02 [86] 1998-12-03 (PCT/NL98/00688) [87] 1999-06-10 (WO99/28461) [30] EP (97203783.2) 1997-12-03</p>	<p style="text-align: center;">[21] <b>2,312,009</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6C12N 5/10 6A61K 38/17 6C07K 14/46 6C12N 15/86</b> [25] EN [54] <b>AN ACTIVE HEDGEHOG-PROTEIN-MUTANT, A PROCESS FOR ITS PREPARATION AND ITS USE FOR PHARMACEUTICAL PURPOSES</b> [54] <b>MUTANT ACTIF DE PROTEINE DU HERISSON, SON PROCEDE DE PREPARATION ET SON UTILISATION A DES FINS PHARMACEUTIQUES</b> [72] LANG, KURT, DE [72] LESER, ULRIKE, DE [72] SEYTTER, TILMAN, DE [71] ROCHE DIAGNOSTICS GMBH, DE [85] 2000-05-26 [86] 1998-11-23 (PCT/EP98/07557) [87] 1999-06-10 (WO99/28454) [30] EP (97120891.3) 1997-11-28 [30] EP (98102095.1) 1998-02-06</p>
<p style="text-align: center;">[21] <b>2,312,006</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/11 6A61K 48/00 6C12N 9/00 6C12N 15/12 6C12Q 1/68 6C07K 14/805</b> [25] EN [54] <b>NUCLEIC ACID MEDIATED RNA TAGGING AND RNA REVISION</b> [54] <b>MARQUAGE D'ARN PAR L'INTERMEDIAIRE D'ACIDES NUCLEIQUES ET REPARATION D'ARN</b> [72] MILICH, LYNN, US [72] LAN, NING, US [72] LEE, SEONG-WOOK, KR [72] SULLENGER, BRUCE A., US [71] DUKE UNIVERSITY, US [85] 2000-05-31 [86] 1998-12-03 (PCT/US98/25652) [87] 1999-06-17 (WO99/29842) [30] US (60/067,834) 1997-12-05</p>	<p style="text-align: center;">[21] <b>2,312,008</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/82 6A01H 5/00 6C12N 5/04</b> [25] EN [54] <b>TRANSGENIC LEMNACEAE</b> [54] <b>LEMNACEAE TRANSGENIQUE</b> [72] PERL, AVIHAI, IL [72] FLAISHMAN, MOSHE, IL [72] EDELMAN, MEIR, IL [72] BLUMENTHAL, AMNON, IL [71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL [85] 2000-05-29 [86] 1998-10-08 (PCT/IL98/00487) [87] 1999-04-22 (WO99/19498) [30] IL (PCT/IL97/00328) 1997-10-10</p>	<p style="text-align: center;">[21] <b>2,312,021</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/70</b> [25] FR [54] <b>UTILISATION DES KETOLIDES POUR PREVENIR LES COMPLICATIONS THROMBOTIQUES ARTERIELLES LIEES A L'ATHEROSCLEROSE</b> [54] <b>USE OF KETOLIDES FOR PREPARING ARTERIAL THROMBOTIC COMPLICATIONS RELATED TO ATHEROSCLEROSIS</b> [72] VACHERON, FRANCOISE, FR [72] PETIT, FRANCIS, FR [71] HOECHST MARION ROUSSEL, FR [85] 2000-05-11 [86] 1998-11-16 (PCT/FR98/02436) [87] 1999-05-27 (WO99/25365) [30] FR (97 14 358) 1997-11-17</p>



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<p style="text-align: right;">[21] <b>2,312,022</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F25J 3/04</b> [25] FR [54] <b>BOITE FROIDE POUR UNITE DE DISTILLATION CRYOGENIQUE</b> [54] <b>COLD BOX FOR CRYOGENIC DISTILLING PLANT</b> [72] VANCAUWENBERGHE, ROGER, FR [72] BALLANGER, LAURENT, FR [72] GOURBIER, JEAN-PIERRE, FR [71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR [85] 2000-05-16 [86] 1998-11-09 (PCT/FR98/02387) [87] 1999-05-27 (WO99/26033) [30] FR (97/14378) 1997-11-17</p>	<p style="text-align: right;">[21] <b>2,312,024</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A23C 11/10 6A23L 1/105</b> [25] FR [54] <b>PREPARATION DE PRODUITS ALIMENTAIRES PAR FERMENTATION DE JUS DE SOJA PAR STREPTOCOCCUS THERMOPHILUS</b> [54] <b>METHOD FOR PREPARING FOOD PRODUCTS BY FERMENTING SOY MILK WITH STREPTOCOCCUS THERMOPHILUS</b> [72] TOURANCHEAU, MYRIAM, FR [72] BOUFASSA, CORINNE, FR [71] COMPAGNIE GERVAIS DANONE, FR [85] 2000-05-16 [86] 1998-11-30 (PCT/FR98/02569) [87] 1999-06-10 (WO99/27795) [30] FR (97/15000) 1997-11-28</p>	<p style="text-align: right;">[21] <b>2,312,027</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G07C 9/02 7G07F 7/02 7G07B 15/04 7G07F 7/08</b> [25] FR [54] <b>PROCEDE ET DISPOSITIF DE PAIEMENT SANS CONTACT, UTILISANT UN SUPPORT REVALORISABLE</b> [54] <b>CONTACTLESS PAYMENT METHOD AND DEVICE, USING A RE-USABLE CARD</b> [72] MOREAU, JEAN-LOUIS, FR [72] SIMONIN, MARCEL, FR [71] ALCATEL, FR [85] 2000-05-23 [86] 1999-10-04 (PCT/FR99/02353) [87] 2000-04-13 (WO00/21040) [30] FR (98/12429) 1998-10-05</p>
<p style="text-align: right;">[21] <b>2,312,023</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/655</b> [25] FR [54] <b>PROCEDE D'INHIBITION DE LA PRODUCTION CELLULAIRE DE CYTOKINES</b> [54] <b>METHOD FOR INHIBITING CYTOKINE PRODUCTION BY CELLS</b> [72] MARGERIE, HELENE, BE [72] TASSIGNON, JEAN PIERRE ROBERT GHISLAIN, BE [72] ROBBERECHT, PATRICK ADELIN OSCAR, BE [72] GOLDMAN, MICHEL, BE [72] VANDEVELDE, MICHEL, BE [71] PREVISAN AG, CH [85] 2000-05-16 [86] 1998-11-25 (PCT/BE98/00183) [87] 1999-06-10 (WO99/27937) [30] BE (9700949) 1997-11-26</p>	<p style="text-align: right;">[21] <b>2,312,025</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A23L 1/30 6A23L 1/36</b> [25] FR [54] <b>ALIMENT OU SUPPLEMENT NUTRITIONNEL, SON PROCEDE DE PREPARATION ET SES UTILISATIONS</b> [54] <b>FOOD OR NUTRITIONAL SUPPLEMENT, PREPARATION METHOD AND USES</b> [72] BRIEND, ANDRE, FR [72] LESCANNE, MICHEL, FR [71] NUTRISET, FR [71] INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT (I.R.D.), FR [85] 2000-05-18 [86] 1998-11-19 (PCT/FR98/02469) [87] 1999-06-03 (WO99/26490) [30] FR (97/14655) 1997-11-21</p>	<p style="text-align: right;">[21] <b>2,312,028</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 53/26 6C10L 3/10</b> [25] FR [54] <b>PROCEDE DE DESHYDRATATION D'UN GAZ HUMIDE AU MOYEN D'UN DESSICCANT LIQUIDE, AVEC REGENERATION POUSSEE DUDIT DESSICCANT</b> [54] <b>METHOD FOR DEHYDRATING A WET GAS USING A LIQUID DESSICCANT, WITH ADVANCED REGENERATION OF SAID DESSICCANT</b> [72] LANDREAU, BENOIT, FR [72] AMANDE, JEAN-CLAUDE, FR [71] PROSERMAT, FR [85] 2000-05-23 [86] 1998-11-27 (PCT/FR98/02554) [87] 1999-06-10 (WO99/28014) [30] FR (97/15268) 1997-12-02</p>
<p style="text-align: right;">[21] <b>2,312,026</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/30</b> [25] FR [54] <b>STATION DE BASE POUR RADIOTELEPHONE MOBILE</b> [54] <b>BASE STATION FOR MOBILE PHONE</b> [72] DUPLESSIS, PHILIPPE, FR [72] VINCENT, PAUL, FR [72] LUCIDARME, THIERRY, FR [71] NORTEL MATRA CELLULAR, FR [85] 2000-05-23 [86] 1998-11-20 (PCT/FR98/02489) [87] 1999-06-03 (WO99/27728) [30] FR (97/14716) 1997-11-24</p>	<p style="text-align: right;">[21] <b>2,312,029</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/10 6C12N 1/21 6C12N 9/22 6C12Q 1/68 6C12N 15/70</b> [25] FR [54] <b>PROCEDE DE CLONAGE PAR DIGESTION MULTIPLE, VECTEURS POUR SA MISE EN OEUVRE ET SES APPLICATIONS</b> [54] <b>CLONING METHOD BY MULTIPLE DIGESTION, VECTORS FOR IMPLEMENTING SAME AND APPLICATIONS</b> [72] DELCOURT, MARC, FR [71] BIOMETHODES S.A.R.L., FR [85] 2000-05-23 [86] 1998-12-04 (PCT/FR98/02629) [87] 1999-06-10 (WO99/28451) [30] FR (97/15319) 1997-12-04</p>	

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<p style="text-align: right;">[21] <b>2,312,030</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01S 1/04</b> [25] FR [54] <b>PROCEDE ET DISPOSITIF DE TRAITEMENT EN RECEPTION D'UN SIGNAL L2 DE SATELLITE GPS</b> [54] <b>METHOD AND DEVICE FOR RECEPTION PROCESSING OF A GPS SATELLITE L2 SIGNAL</b> [72] REVOL, MARC, FR [72] RENARD, ALAIN, FR [71] THOMSON-CSF SEXTANT, FR [85] 2000-05-24 [86] 1999-09-24 (PCT/FR99/02277) [87] 2000-04-06 (WO00/19229) [30] FR (98/12022) 1998-09-25</p>	<p style="text-align: right;">[21] <b>2,312,033</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C04B 28/02 6C04B 14/06 6C04B 18/08 6C04B 14/20 6C04B 14/48</b> [25] FR [54] <b>BETON DE FIBRES METALLIQUES, MATRICE CIMENTAIRE ET PRE-MELANGES POUR LA PREPARATION DE LA MATRICE ET DU BETON</b> [54] <b>METAL FIBRE CONCRETE, CEMENTITIOUS MATRIX AND PRE-MIXES FOR PREPARING MATRIX AND CONCRETE</b> [72] CHEYREZY, MARCEL, FR [72] DUGAT, JEROME, FR [72] FROUIN, LAURENT, FR [72] CLAVAUD, BERNARD, FR [72] ORANGE, GILLES, FR [71] LAFARGE, FR [71] BOUYGUES TRAVAUX PUBLICS, FR [71] RHODIA CHIMIE, FR [85] 2000-05-25 [86] 1998-11-27 (PCT/FR98/02552) [87] 1999-06-10 (WO99/28267) [30] FR (97/14928) 1997-11-27</p>	<p style="text-align: right;">[21] <b>2,312,035</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C21B 13/14</b> [25] FR [54] <b>PROCEDE DE REDUCTION D'OXYDES DE FER ET DE FUSION DU FER ET INSTALLATIONS A CET EFFET</b> [54] <b>METHOD FOR REDUCING IRON OXIDES AND SMELTING IRON AND INSTALLATIONS THEREFOR</b> [72] MONTEYNE, GUIDO, BE [71] SIDMAR N.V., BE [85] 2000-05-29 [86] 1998-11-20 (PCT/EP98/07550) [87] 1999-06-10 (WO99/28512) [30] EP (97870196.9) 1997-12-03 [30] EP (98870023.3) 1998-02-06 [30] EP (98870047.2) 1998-03-06</p>
<p style="text-align: right;">[21] <b>2,312,031</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A45D 20/12</b> [25] FR [54] <b>APPAREIL SECHE-CHEVEUX</b> [54] <b>HAIR DRYER</b> [72] QUESSARD, ROLAND, FR [72] GUILLOSSON, MICHEL, FR [71] VELECTA PARAMOUNT S.A., FR [85] 2000-05-24 [86] 1999-10-08 (PCT/FR99/02424) [87] 2000-04-20 (WO00/21404) [30] FR (98 12657) 1998-10-09</p>	<p style="text-align: right;">[21] <b>2,312,034</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C22C 38/22 7C22C 38/24 7C22C 38/44 7C22C 38/46</b> [25] FR [54] <b>ACIER DE NITRURATION, PROCEDE POUR SON OBTENTION ET PIECES FORMEES AVEC CET ACIER</b> [54] <b>NITRIDING STEEL, METHOD FOR OBTAINING SAME AND PARTS FORMED WITH SAID STEEL</b> [72] DUBOIS, PHILIPPE, FR [71] AUBERT &amp; DUVAL, FR [85] 2000-05-29 [86] 1999-09-28 (PCT/FR99/02297) [87] 2000-04-06 (WO00/18975) [30] FR (98/12209) 1998-09-30</p>	<p style="text-align: right;">[21] <b>2,312,036</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G08B 21/00</b> [25] FR [54] <b>DISPOSITIF DE CONTROLE DE L'ACCES D'UN LIEU TEL UN CABINET D'AISANCE</b> [54] <b>DEVICE FOR CONTROLLING ACCESS TO PREMISES SUCH AS A WATER CLOSET</b> [72] ROBAEY, JACQUES, FR [71] ROBAEY, JACQUES, FR [85] 2000-05-29 [86] 1998-12-04 (PCT/FR98/02623) [87] 1999-06-17 (WO99/30299) [30] FR (97/15727) 1997-12-08</p>
<p style="text-align: right;">[21] <b>2,312,032</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 7/00</b> [25] FR [54] <b>EMULSION HUILE-DANS-EAU STABLE, SON PROCEDE DE FABRICATION ET SON UTILISATION DANS LES DOMAINES COSMETIQUE ET DERMATOLOGIQUE</b> [54] <b>STABLE OIL-IN-WATER EMULSION, METHOD FOR PREPARING SAME AND USE IN COSMETICS AND DERMATOLOGY</b> [72] QUEMIN, ERIC, FR [72] ROULIER, VERONIQUE, FR [71] L'OREAL, FR [85] 2000-05-24 [86] 1999-10-04 (PCT/FR99/02361) [87] 2000-04-20 (WO00/21491) [30] FR (98/12622) 1998-10-08</p>	<p style="text-align: right;">[21] <b>2,312,037</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C22B 7/00 6C22B 13/00 6C22B 7/02 6C22B 3/10 6C22B 19/20 6C22B 3/24</b> [25] FR [54] <b>LIXIVIATION OXYDANTE DE BOUES CONTAMINEES CONTENANT DU FER AVEC SEPARATION DU ZINC ET DU PLOMB</b> [54] <b>OXIDISING ELUTRIATION OF CONTAMINATED SLUDGE CONTAINING IRON WITH SEPARATION OF ZINC AND LEAD</b> [72] MORTIER, RONALD, BE [71] SIDMAR N.V., BE [85] 2000-05-29 [86] 1998-12-16 (PCT/BE98/00201) [87] 1999-06-24 (WO99/31285) [30] BE (9701027) 1997-12-16</p>	

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[21] **2,312,038**  
[13] A1

[51] **Int.Cl. 6B65G 17/24 6B65G 47/24**  
[25] FR  
[54] **DISPOSITIF DE CONVOYAGE DE PRODUITS, NOTAMMENT DE FRUITS, DESTINE A L'ALIMENTATION D'UNE UNITE DE TRI DESDITS PRODUITS**  
[54] **CONVEYOR DEVICE FOR PRODUCTS, IN PARTICULAR FRUITS, FOR FEEDING A UNIT SORTING SAID PRODUCTS**  
[72] BLANC, PHILIPPE, FR  
[71] L'ARBORICULTURE FRUITIERE, FR  
[71] MATERIEL POUR L'ARBORICULTURE FRUITIERE, FR  
[85] 2000-05-30  
[86] 1998-11-13 (PCT/FR98/02427)  
[87] 1999-06-24 (WO99/30992)  
[30] FR (97/15957) 1997-12-16

[21] **2,312,039**  
[13] A1

[51] **Int.Cl. 6H04L 7/00**  
[25] FR  
[54] **PROCEDE DE CONSTRUCTION D'UNE TRAME DE SIGNAL NUMERIQUE, ET STATION DE BASE DE RADIOCOMMUNICATION METTANT EN OEUVRE UN TEL PROCEDE**  
[54] **METHOD FOR CONSTRUCTING A DIGITAL SIGNAL FRAME, AND RADIO COMMUNICATION BASE STATION IMPLEMENTING SAID METHOD**  
[72] FAUCONNIER, DENIS, FR  
[72] LE STRAT, EVELYNE, FR  
[72] NAVARRO, WILLIAM, FR  
[71] NORTEL MATRA CELLULAR, FR  
[85] 2000-05-30  
[86] 1998-12-11 (PCT/FR98/02704)  
[87] 1999-06-24 (WO99/31839)  
[30] FR (97/15853) 1997-12-15

[21] **2,312,040**  
[13] A1

[51] **Int.Cl. 6C08G 83/00 6A61K 7/48**  
[25] FR  
[54] **POLYMERES HYPERBRANCHES OU DENDRIMERES AYANT UN GROUPEMENT PARTICULIER, PROCEDE DE PREPARATION, UTILISATION ET COMPOSITIONS LES COMPRENANT**  
[54] **HYPERBRANCHED POLYMERS OR DENDRIMERS HAVING A PARTICULAR GROUP, PREPARATION METHOD AND COMPOSITIONS CONTAINING SAME**  
[72] GENARD, SYLVIE, FR  
[72] MAIGNAN, JEAN, FR  
[71] L'OREAL, FR  
[85] 2000-05-30  
[86] 1998-11-26 (PCT/FR98/02538)  
[87] 1999-07-01 (WO99/32540)  
[30] FR (97/16176) 1997-12-19

[21] **2,312,042**  
[13] A1

[51] **Int.Cl. 6G06K 19/073**  
[25] FR  
[54] **CARTE A PUCE MUNIE D'UNE ETIQUETTE DE GARANTIE**  
[54] **SMART CARD PROVIDED WITH GUARANTEE LABEL**  
[72] ELBAZ, DIDIER, FR  
[72] BRUNET, OLIVIER, FR  
[71] GEMPLUS, S.C.A., FR  
[85] 2000-05-31  
[86] 1998-12-10 (PCT/FR98/02691)  
[87] 1999-06-24 (WO99/31625)  
[30] FR (97/16412) 1997-12-15

[21] **2,312,043**  
[13] A1

[51] **Int.Cl. 6A61K 39/39 6A61K 9/107**  
[25] FR  
[54] **MICELLES MIXTES DE LIPOPEPTIDES POUR L'INDUCTION D'UNE REPONSE IMMUNITAIRE**  
[54] **MIXED LIPOPEPTIDE MICELLES FOR INDUCING AN IMMUNE RESPONSE**  
[72] TARTAR, ANDRE, FR  
[72] GUILLET, JEAN-GERARD, FR  
[72] BOURGAULT-VILLADA, ISABELLE, FR  
[72] LIPPENS, GUY, FR  
[72] WIERUSZESKI, JEAN-MICHEL, FR  
[72] BOSSUS, MARC, FR  
[72] GRAS-MASSE, HELENE, FR  
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[71] INSTITUT PASTEUR DE LILLE, FR  
[85] 2000-06-01  
[86] 1998-12-02 (PCT/FR98/02605)  
[87] 1999-06-10 (WO99/27954)  
[30] FR (97/15246) 1997-12-03

[21] **2,312,059**  
[13] A1

[51] **Int.Cl. 6C08L 71/00 6B29C 45/16 6B29C 49/22 6B32B 27/36**  
[25] EN  
[54] **BARRIER-COATED POLYESTER**  
[54] **POLYESTER ENROBE D'UNE COUCHE D'ARRET**  
[72] LEE, ROBERT A., US  
[72] HUTCHINSON, GERALD A., US  
[71] PLASTICS FABRICATION TECHNOLOGIES, LLC, US  
[85] 2000-04-12  
[86] 1998-10-19 (PCT/US98/22026)  
[87] 1999-04-29 (WO99/20462)  
[30] US (08/953,595) 1997-10-17  
[30] US (60/078,641) 1998-03-19

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<p style="text-align: right;">[21] <b>2,312,060</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/59 6A61K 9/107 6A61K 47/30</b> [25] EN [54] <b>LOTIONS CONTAINING VITAMIN D3 DERIVATIVES</b> [54] <b>LOTIONS CONTENANT DES DERIVES DE VITAMINE D3</b> [72] MIYAUCHI, EIICHI, JP [72] SANO, KEIKO, JP [72] SAKAI, YASUYUKI, JP [71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP [85] 2000-05-24 [86] 1998-12-08 (PCT/JP98/05535) [87] 1999-06-17 (WO99/29325) [30] JP (338813/1997) 1997-12-09 [30] JP (338814/1997) 1997-12-09</p>	<p style="text-align: right;">[21] <b>2,312,064</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C10L 1/22 6B01D 19/04 6C07C 219/06 6C07C 219/08</b> [25] EN [54] <b>METHOD FOR DEFOAMING FUELS</b> [54] <b>PROCEDE POUR EMPECHER DES CARBURANTS DE MOUSSER</b> [72] LOEHL, THORSTEN, US [72] UPHUES, GUENTER, DE [72] NEUMANN, PETER, DE [72] BOUTTY, BERND, DE [72] BONGARDT, FRANK, DE [71] COGNIS DEUTSCHLAND GMBH, US [85] 2000-05-29 [86] 1998-11-25 (PCT/EP98/07613) [87] 1999-07-19 (WO99/29811) [30] DE (197 53 792.8) 1997-12-04</p>	<p style="text-align: right;">[21] <b>2,312,067</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A62D 1/00</b> [25] EN [54] <b>FIRE-FIGHTING AGENTS CONTAINING ADSORBABLE FLUOROCARBON SURFACTANTS</b> [54] <b>AGENTS DE LUTTE CONTRE LE FEU CONTENANT DES TENSIOACTIFS ADSORBABLES AU FLUOROCARBURE</b> [72] BLAGEV, PAVEL L., US [72] FAN, WEI-QIANG, US [72] STERN, RICHARD, M., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2000-05-29 [86] 1997-12-10 (PCT/US97/22746) [87] 1999-06-17 (WO99/29373)</p>
<p style="text-align: right;">[21] <b>2,312,061</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 29/06</b> [25] EN [54] <b>METHOD AND SYSTEM FOR ENFORCING A COMMUNICATION SECURITY POLICY</b> [54] <b>PROCEDE ET SYSTEME DE MISE EN PLACE D'UNE POLITIQUE DE SECURITE RELATIVE A LA COMMUNICATION</b> [72] JOSPE, ASHER, IL [72] ELGRESSY, DORON, IL [71] SECURITY-7 (SOFTWARE) LTD., IL [85] 2000-05-25 [86] 1998-02-23 (PCT/IL98/00084) [87] 1999-06-10 (WO99/29082) [30] IL (122314) 1997-11-27</p>	<p style="text-align: right;">[21] <b>2,312,065</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 3/40 6C11D 3/00 6C11D 11/00 6C11D 1/52 6C11D 1/62 6C11D 1/645 6C11D 1/72 6C11D 1/74 6C11D 1/835</b> [25] EN [54] <b>PROCESS FOR MAKING A LIQUID FABRIC SOFTENING COMPOSITION</b> [54] <b>PROCEDE SERVANT A PREPARER UNE COMPOSITION LIQUIDE ADOUCISSANTE POUR LES TEXTILES</b> [72] DE POORTERE, JOHAN, BE [72] DEMEYERE, HUGO JEAN MARIE, BE [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-05-29 [86] 1998-12-03 (PCT/US98/25668) [87] 1999-06-17 (WO99/29823) [30] EP (97870199.3) 1997-12-10</p>	<p style="text-align: right;">[21] <b>2,312,070</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 243/08 6A61K 31/55</b> [25] EN [54] <b>1,4-DIAZACYCLOHEPTANE DERIVATIVES</b> [54] <b>DERIVES DE 1,4-DIAZACYCLOHEPTANE</b> [72] KEITH, RICHARD ALAN, US [72] WARAWA, EDWARD JOHN, US [72] SIMPSON, THOMAS RICHARD, US [71] ASTRAZENECA UK LIMITED, GB [85] 2000-05-29 [86] 1998-12-15 (PCT/GB98/03768) [87] 1999-07-01 (WO99/32461) [30] GB (9726736.3) 1997-12-18</p>
<p style="text-align: right;">[21] <b>2,312,063</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 23/00</b> [25] EN [54] <b>A SYSTEM FOR DESCRIBING THE PHYSICAL DISTRIBUTION OF AN AGENT IN A PATIENT</b> [54] <b>SYSTEME PERMETTANT DE DECRIRE LA REPARTITION PHYSIQUE D'UN AGENT CHEZ UN PATIENT</b> [72] MAKO, FREDERICK M., US [72] WEINBERG, IRVING, US [72] SCHWARTZ, ANSEL M., US [71] PEM TECHNOLOGIES, INC, US [85] 2000-05-29 [86] 1998-12-31 (PCT/US99/00001) [87] 2000-05-11 (WO00/26650) [30] US (09/002,048) 1997-12-31</p>	<p style="text-align: right;">[21] <b>2,312,073</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B21J 13/02</b> [25] EN [54] <b>REUSABLE DIE FOR COLD FORGING</b> [54] <b>MATRICE DE FRAPPE A FROID REUTILISABLE</b> [72] TSENG, SHAO-CHIEN, TW [71] TSENG, SHAO-CHIEN, TW [85] 2000-05-29 [86] 1997-12-11 (PCT/CN97/00142) [87] 1999-06-17 (WO99/29449)</p>	

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[21] **2,312,086**  
[13] A1  
[51] **Int.Cl. 6C12M 1/34 6G06M 11/00 6G01N 35/10 6G01N 15/14**  
[25] EN  
[54] **SYSTEM FOR ANALYZING IMAGES PRODUCED BY BACTERIAL REACTIONS**  
[54] **SYSTEME D'ANALYSE D'IMAGES PRODUITES PAR REACTIONS BACTERIENNES**  
[72] SORIA MELGUIZO, FRANCISCO, ES  
[72] DOPICO PRIETO, GERVASIO, ES  
[72] NIETO VELASCO, JULIO, ES  
[71] FRANCISCO SORIA MELGUIZO, S.A., ES  
[85] 2000-05-29  
[86] 1998-11-11 (PCT/ES98/00303)  
[87] 1999-06-10 (WO99/28436)  
[30] ES (P 9702500) 1997-12-02

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[21] **2,312,087**  
[13] A1  
[51] **Int.Cl. 6C08F 20/34 6C08F 26/00 6A61K 31/00 6C08G 73/02 6C08F 26/10 6C08F 220/34 6C08F 20/36 6C08F 220/36 6A61K 31/445 6A61K 31/785 6A61K 31/79**  
[25] EN  
[54] **PREPARATION FOR PREVENTION AND HEALING OF INFLAMMATION AFFECTIONS**  
[54] **PREPARATION DE PREVENTION ET DE GUERISON D'AFFECTIONS INFLAMMATOIRES**  
[72] LABSKY, JIRI, CZ  
[72] VACIK, JIRI, CZ  
[72] HOSEK, PAVEL, CZ  
[71] USTAV MAKROMOLEKULARNI CHEMIE AKADEMIE VED CESKE REPUBLIKY, CZ  
[85] 2000-05-29  
[86] 1998-12-02 (PCT/CZ98/00046)  
[87] 1999-06-10 (WO99/28359)  
[30] CZ (PV 3867-97) 1997-12-03

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[21] **2,312,092**  
[13] A1  
[51] **Int.Cl. 6C08F 2/34 6C08F 4/02 6C08F 10/02 6C08J 5/18 6C08F 4/24**  
[25] EN  
[54] **GAS PHASE FLUIDIZED BED METHOD AND ETHYLENE HOMO- AND COPOLYMERS OBTAINED USING SAID METHOD**  
[54] **PROCEDE PAR LIT FLUIDISE EN PHASE VAPEUR ET HOMO- ET COPOLYMERES D'ETHYLENE POUVANT ETRE OBTENUS A L'AIDE DUDIT PROCEDE**  
[72] BAUER, PETER, DE  
[72] SCHWEIER, GUNTHER, DE  
[72] EVERTZ, KASPAR, DE  
[72] MICKLITZ, WOLFGANG, DE  
[72] HECKER, MANFRED, DE  
[72] ROSENDORFER, PHILIPP, DE  
[72] FEINDT, HANS-JACOB, DE  
[72] KARER, RAINER, DE  
[72] LANGE, ARMIN, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-05-29  
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[87] 1999-06-17 (WO99/29736)  
[30] DE (19754380.4) 1997-12-09

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[13] A1  
[51] **Int.Cl. 7G01P 5/00 7G03H 1/22 7G03H 1/26**  
[25] EN  
[54] **METHOD FOR OPTICAL THREE-DIMENSIONAL VELOCIMETRY OF SCATTERED PARTICLES**  
[54] **PROCEDE DE MESURE OPTIQUE EN TROIS DIMENSIONS DE LA VITESSE DE PARTICULES VAGABONDES**  
[72] SCHALLER, JOHANNES, DE  
[71] ROBERT BOSCH GMBH, DE  
[85] 2000-05-29  
[86] 1999-09-28 (PCT/DE99/03106)  
[87] 2000-04-06 (WO00/19214)  
[30] DE (198 44 367.6) 1998-09-28  
[30] DE (199 46 262.3) 1999-09-27

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[21] **2,312,097**  
[13] A1  
[51] **Int.Cl. 6B63H 9/06**  
[25] EN  
[54] **LIFT CREATING SAIL AND SAIL SYSTEM**  
[54] **VOILE CREANT DE LA PORTANCE ET SYSTEME DE VOILES**  
[72] BEREAN, GEORGE S., US  
[71] BEREAN, GEORGE S., US  
[85] 2000-05-29  
[86] 1998-11-25 (PCT/US98/25261)  
[87] 1999-06-10 (WO99/28183)  
[30] US (08/982,615) 1997-12-02  
[30] US (09/191,846) 1998-11-13

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[21] **2,312,102**  
[13] A1  
[51] **Int.Cl. 6B01J 19/00 6B01L 3/00 6C12M 1/26**  
[25] EN  
[54] **INTEGRATED FLUID MANIPULATION CARTRIDGE**  
[54] **CARTOUCHE DE MANIPULATION DE FLUIDE INTEGREE**  
[72] PETERSEN, KURT E., US  
[72] NORTHROP, M. ALLEN, US  
[72] MCMILLAN, WILLIAM A., US  
[72] CHRISTEL, LEE ALLAN, US  
[72] KOVACS, GREGORY T.A., US  
[72] POURAHMADI, FARZAD, US  
[72] CHANG, RONALD, US  
[72] CHING, JESUS, US  
[71] CEPHEID, US  
[85] 2000-05-29  
[86] 1998-12-24 (PCT/US98/27632)  
[87] 1999-07-08 (WO99/33559)  
[30] US (08/998,188) 1997-12-24  
[30] US (09/115,454) 1998-07-14

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[21] **2,312,104**  
[13] A1  
[51] **Int.Cl. 6B65G 25/08 6B27B 31/00**  
[25] EN  
[54] **HIGH SPEED LOG LADDER**  
[54] **ECHELLE A RONDINS GRANDE VITESSE**  
[72] REDEKOP, STANLEY W., CA  
[71] REDEKOP, STANLEY W., CA  
[85] 2000-05-29  
[86] 1997-11-28 (PCT/CA97/00921)  
[87] 1999-06-10 (WO99/28217)

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[21] **2,312,112**  
[13] A1  
[51] **Int.Cl. 6B05B 11/00**  
[25] EN  
[54] **MANUALLY OPERATED DISPENSER AND PROTECTIVE CAP WITH BLOCKING MEANS FOR BLOCKING OPERATION OF THE DISPENSER**  
[54] **DISTRIBUTEUR ACTIONNABLE MANUELLEMENT ET CAPUCHON PROTECTEUR MUNI DE MOYENS DE BLOCAGE POUR BLOQUER L'ACTIONNEMENT DU DISTRIBUTEUR**  
[72] WOHRISKA, CHRISTA, DE  
[72] FUCHS, GOTTFRIED, DE  
[72] RITSCHKE, STEFAN, DE  
[71] ING. ERICH PFEIFFER GMBH, DE  
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[87] 1999-06-10 (WO99/28042)  
[30] DE (197 53 147.4) 1997-11-29

[21] **2,312,126**  
[13] A1  
[51] **Int.Cl. 6G06F 11/20 6G06F 11/00**  
[25] EN  
[54] **AFFINE TRANSFORMATION MEANS AND METHOD OF AFFINE TRANSFORMATION**  
[54] **SYSTEME DE TRANSFORMATION AFFINE ET PROCEDE DE TRANSFORMATION AFFINE**  
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[72] ABROSSIMOV, IGOR ANATOLIEVICH, RU  
[72] DEAS, ALEXANDER ROGER, GB  
[72] VILKOV, BORIS NIKOLAYEVICH, RU  
[71] PROCESS INTELLIGENCE LIMITED, GB  
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[30] GB (9725066.6) 1997-11-28

[21] **2,312,127**  
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[51] **Int.Cl. 6G02B 27/28**  
[25] EN  
[54] **PLANAR POLARIZER FOR LCD PROJECTORS**  
[54] **POLARISEUR PLANAIRE POUR PROJECTEURS A AFFICHAGE A CRISTAUX LIQUIDES**  
[72] VANDERWERF, DENNIS F., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
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[21] **2,312,130**  
[13] A1  
[51] **Int.Cl. 6D04H 1/00 6A41D 13/00 6D04H 13/00 6A62B 23/02 6B01D 39/16 6B32B 5/26**  
[25] EN  
[54] **MOLDED RESPIRATOR CONTAINING SORBENT PARTICLES**  
[54] **APPAREIL RESPIRATOIRE MOULE CONTENANT DES PARTICULES ABSORBANTES**  
[72] HARPER, ROBERTA C., US  
[72] BARRETT, LEONARD W., US  
[72] SPRINGETT, JAMES E., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
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[30] US (08/982,119) 1997-12-01

[21] **2,312,131**  
[13] A1  
[51] **Int.Cl. 7G01R 31/36**  
[25] EN  
[54] **METHOD AND APPARATUS FOR AUTOMOTIVE AND OTHER BATTERY TESTING**  
[54] **PROCEDE ET DISPOSITIF POUR ESSAIS DE VEHICULE ET AUTRES ESSAIS DE BATTERIES**  
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[72] SMITH, PAUL, GB  
[71] SNAP-ON EQUIPMENT LIMITED, GB  
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[21] **2,312,133**  
[13] A1  
[51] **Int.Cl. 6C08J 9/00 6C08J 9/14**  
[25] EN  
[54] **PHENOL FOAM**  
[54] **MOUSSE PHENOLEE**  
[72] ARITO, YUUICHI, JP  
[72] TAKASA, KENJI, JP  
[72] KUWABARA, THUMORU, JP  
[71] OWENS CORNING, US  
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[21] **2,312,147**  
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[51] **Int.Cl. 6B29C 47/04 6B44F 9/02 6B29C 47/06 6B29C 47/10 6B29C 47/60**  
[25] EN  
[54] **METHOD OF MANUFACTURING MOLDING AND MIXING DEVICE FOR MANUFACTURING MOLDING**  
[54] **PROCEDE DE FABRICATION D'UN DISPOSITIF DE MOULAGE ET DE MELANGE POUR LE MOULAGE INDUSTRIEL**  
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[72] KATO, MASAMI, JP  
[71] MISAWA HOMES CO., LTD., JP  
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[25] EN  
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[54] **ANTENNE POUR REPONDEUR RADIO**  
[72] POLLACK, RICHARD STEPHEN, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
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[25] EN  
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[54] **COMPOSITION D'ENCRE COMPRENANT DES PREMIERS ET SECONDS PIGMENTS POUVANT VARIER SUR LE PLAN OPTIQUE**  
[72] MULLER, EDGAR, CH  
[72] BLEIKOLM, ANTON, CH  
[72] ROZUMEK, OLIVIER, CH  
[71] SICPA HOLDING S.A., CH  
[85] 2000-05-29  
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[21] **2,312,159**

[13] A1

[51] **Int.Cl. 6C08L 23/10 6C08L 101/00**  
[25] EN  
[54] **COMPATIBILIZED BLENDS OF NON-POLAR THERMOPLASTIC ELASTOMERS AND POLAR THERMOPLASTIC POLYMERS**  
[54] **MELANGES COMPATIBILISES D'ELASTOMERES THERMOPLASTIQUES NON POLAIRES ET DE POLYMERES THERMOPLASTIQUES POLAIRES**  
[72] OUHADI, TRAZOLLAH, BE  
[71] ADVANCED ELASTOMER SYSTEMS, L.P., US  
[85] 2000-05-29  
[86] 1998-12-02 (PCT/EP98/07818)  
[87] 1999-06-17 (WO99/29777)  
[30] EP (97121288.1) 1997-12-04

[21] **2,312,162**

[13] A1

[51] **Int.Cl. 6H01M 8/10 6C25B 9/00**  
[25] EN  
[54] **CONTINUOUS METHOD FOR MANUFACTURING A LAMINATED ELECTROLYTE AND ELECTRODE ASSEMBLY**  
[54] **PROCEDE CONTINU DE FABRICATION D'UN ASSEMBLAGE LAMINE D'ELECTROLYTE ET D'ELECTRODE**  
[72] HAHN, ALFRED, DE  
[72] PREISCHL, CHRISTINE, DE  
[72] HEDRICH, PETER, DE  
[71] BALLARD POWER SYSTEMS INC., CA  
[85] 2000-05-29  
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[30] US (60/068,797) 1997-12-24  
[30] US (09/216,207) 1998-12-18

[21] **2,312,166**

[13] A1

[51] **Int.Cl. 6C11D 3/386 6C11D 3/04 6C11D 3/06**  
[25] EN  
[54] **METHOD FOR ENHANCING ACTIVITY OF CELLULASE IN INDUSTRIAL APPLICATIONS BY ADJUSTING IONIC STRENGTH**  
[54] **PROCEDE RELATIF A L'AUGMENTATION DE L'ACTIVITE DE LA CELLULASE DANS LES APPLICATIONS INDUSTRIELLES PAR AJUSTEMENT DE LA FORCE IONIQUE**  
[72] POWER, SCOTT D., US  
[71] GENENCOR INTERNATIONAL, INC., US  
[85] 2000-05-29  
[86] 1998-12-01 (PCT/US98/25123)  
[87] 1999-06-17 (WO99/29821)  
[30] US (08/985,685) 1997-12-05

[21] **2,312,168**

[13] A1

[51] **Int.Cl. 6A41D 13/00 6A61F 9/02**  
[25] EN  
[54] **PROTECTIVE ARTICLE HAVING A TRANSPARENT SHIELD**  
[54] **ARTICLE DE PROTECTION COMPORTANT UN ECRAN TRANSPARENT**  
[72] MOULSOFF, MICHAEL P., US  
[72] DOWDELL-BROWNE, SHANNON L., US  
[72] MCCULLOUGH, NICOLE V., US  
[72] BAUMANN, NICHOLAS R., US  
[72] PETERSON, JANE K., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-05-29  
[86] 1998-04-20 (PCT/US98/07973)  
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[30] US (08/986,052) 1997-12-05

[21] **2,312,172**

[13] A1

[51] **Int.Cl. 6G06F 17/60 6G01V 1/00**  
[25] EN  
[54] **A METHOD AND SYSTEM OF SIMULATING AND OPTIMIZING LAND SEISMIC OPERATIONS**  
[54] **PROCEDE ET SYSTEME DE SIMULATION ET D'OPTIMISATION D'OPERATIONS SISMIQUES TERRESTRES**  
[72] MORRICE, DOUGLAS J., US  
[72] BROOKS, RUVEN E., US  
[72] HIGHNAM, PETER T., US  
[72] KENYON, ASTRID S., US  
[72] MULLARKEY, PETER W., US  
[72] CANTER, PETER H., US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[85] 2000-05-29  
[86] 1998-12-14 (PCT/US98/26611)  
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[13] A1

[51] **Int.Cl. 6G01N 33/543 6C12Q 1/68**  
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[54] **METHOD COMPRISING CAPTURE MOLECULE FIXED ON DISC SURFACE**  
[54] **PROCEDE METTANT EN OEUVRE UNE MOLECULE DE CAPTURE FIXEE SUR LA SURFACE D'UN DISQUE**  
[72] REMACLE, JOSE, BE  
[71] REMACLE, JOSE, BE  
[85] 2000-05-29  
[86] 1998-12-24 (PCT/BE98/00206)  
[87] 1999-07-15 (WO99/35499)  
[30] US (60/071,726) 1997-12-30

[21] **2,312,178**  
[13] A1

[51] **Int.Cl. 6F02M 27/04**  
[25] EN  
[54] **MAGNETIC APPARATUS FOR TREATING FLUID FUELS**  
[54] **APPAREIL MAGNETIQUE POUR TRAITER DES COMBUSTIBLES FLUIDES**  
[72] MUNZING, JURGEN, AT  
[71] MUNZING, JURGEN, AT  
[71] OKO-SPIN KLEMENZ, LUCKE UND MUNZING OHG, DE  
[85] 2000-05-29  
[86] 1998-10-19 (PCT/AT98/00249)  
[87] 1999-04-29 (WO99/20888)  
[30] AT (A 1787/97) 1997-10-22

[21] **2,312,191**  
[13] A1

[51] **Int.Cl. 6A61K 38/08 6C07K 14/00 6C12N 1/00 6C07H 21/04 6C12P 21/04 6C07K 7/06 6C07K 7/08 6A61K 38/10 6C12N 5/10 6A61K 38/16 6A61K 38/17 6C07K 14/47**  
[25] EN  
[54] **THREONINE-CONTAINING PROTEGRINS**  
[54] **PROTEGRINES CONTENANT DE LA THREONINE**  
[72] LEHRER, ROBERT I., US  
[72] RADEL, PEGGY A., US  
[72] CHEN, JIE, US  
[72] CHANG, CONWAY C., US  
[71] INTRABIOTICS PHARMACEUTICALS, INC., US  
[85] 2000-06-02  
[86] 1998-12-01 (PCT/US98/25458)  
[87] 1999-06-10 (WO99/27945)  
[30] US (08/984,294) 1997-12-03

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[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C12Q 1/70**  
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[54] **METHODS OF DETECTING POLYNUCLEOTIDE ANALYTES**  
[54] **PROCEDES DE DETECTION D'ANALYTES POLYNUCLEOTIDIQUES**  
[72] PRIMI, DANIELE, IT  
[72] MANTERO, GIOVANNI, IT  
[71] DIASORIN INTERNATIONAL INC., US  
[85] 2000-06-02  
[86] 1998-11-16 (PCT/US98/24494)  
[87] 1999-06-10 (WO99/28503)  
[30] IT (RM97A000749) 1997-12-03

[21] **2,312,195**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6C12N 5/10 6C07K 16/28 6G01N 33/68 6C07K 14/705**  
[25] EN  
[54] **LOW-VOLTAGE ACTIVATED CALCIUM CHANNEL COMPOSITIONS AND METHODS**  
[54] **COMPOSITIONS A CANAUX CALCIUM ACTIVES A BASSE TENSION ET PROCEDES CORRESPONDANTS**  
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[72] STAUDERMAN, KENNETH, US  
[72] HARPOLD, MICHAEL, US  
[72] URRUTIA, ARTURO, US  
[72] HANS, MICHAEL, US  
[72] WASHBURN, MARK S., US  
[71] MERCK & CO., INC., US  
[85] 2000-06-01  
[86] 1998-12-03 (PCT/US98/25671)  
[87] 1999-06-10 (WO99/28342)  
[30] US (08/984,709) 1997-12-03  
[30] US (09/188,932) 1998-11-10

[21] **2,312,225**  
[13] A1

[51] **Int.Cl. 7F21V 8/00**  
[25] EN  
[54] **FLAT LIGHTING DEVICE**  
[54] **DISPOSITIF D'ECLAIRAGE PLAT**  
[72] HITZSCHKE, LOTHAR, DE  
[72] VOLLKOMMER, FRANK, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH, DE  
[85] 2000-05-29  
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[30] DE (199 05 219.0) 1999-02-09

[21] **2,312,227**  
[13] A1

[51] **Int.Cl. 7G05B 19/05 7H04L 29/06**  
[25] EN  
[54] **MESSAGING APPLICATION LAYER (MODBUS) OVER ETHERNET TO TRANSPORT LAYER (TCP) COMMUNICATIONS METHOD AND APPARATUS**  
[54] **COUCHE D'APPLICATION DE MESSAGERIE (MODBUS) SUR ETHERNET DESTINEE A DES COMMUNICATIONS DE COUCHE DE TRANSPORT (TCP), PROCEDE ET APPAREIL**  
[72] PAPADOPOULOS, A. DEAN, US  
[72] SWALES, ANDREW G., US  
[72] TANZMAN, ALLAN, US  
[71] SCHNEIDER AUTOMATION, INC., US  
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[86] 1999-09-17 (PCT/US99/21806)  
[87] 2000-05-04 (WO00/25183)  
[30] US (09/166,870) 1998-10-06

[21] **2,312,230**  
[13] A1

[51] **Int.Cl. 6A01N 25/30 6A01N 25/04 6A01N 57/20 6A01N 33/22 6A01N 37/38**  
[25] EN  
[54] **SURFACTANT SYSTEMS FOR LIQUID AQUEOUS PREPARATIONS**  
[54] **SYSTEMES TENSIOACTIFS POUR PREPARATIONS AQUEUSES LIQUIDES**  
[72] MAIER, THOMAS, DE  
[72] WURTZ, JOCHEN, DE  
[71] AVENTIS CROPS SCIENCE GMBH, DE  
[85] 2000-05-29  
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[87] 1999-06-10 (WO99/27781)  
[30] DE (197 52 552.0) 1997-11-27

[21] **2,312,233**  
[13] A1

[51] **Int.Cl. 6C12N 1/04 6C12N 9/00 6A61K 9/12**  
[25] EN  
[54] **PRESERVATION OF SENSITIVE BIOLOGICAL SAMPLES BY VITRIFICATION**  
[54] **CONSERVATION D'ECHANTILLONS BIOLOGIQUES SENSIBLES PAR VITRIFICATION**  
[72] BRONSHTEIN, VICTOR, US  
[71] UNIVERSAL PRESERVATION TECHNOLOGIES, INC., US  
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[13] A1

[51] **Int.Cl. 6A61K 31/485**  
[25] EN  
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[54] **UTILISATION DU METHYLNALTREXONE ET COMPOSES AFFERENTS A CE COMPOSE**  
[72] DRELL, WILLIAM, US  
[72] FOSS, JOSEPH F., US  
[72] YUAN, CHUN-SU, US  
[72] MOSS, JONATHAN, US  
[72] ROIZEN, MICHAEL F., US  
[71] ARCH DEVELOPMENT CORPORATION, US  
[71] UR LABS, INC., US  
[85] 2000-05-29  
[86] 1998-11-03 (PCT/US98/23485)  
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[30] US (08/962,742) 1997-11-03  
[30] US (09/120,703) 1998-07-22

[21] **2,312,235**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **SYSTEM AND METHOD OF TARGETED MARKETING**  
[54] **SYSTEME ET METHODE DE MARKETING CIBLE**  
[72] JONES, CHARLES L., III, US  
[72] EGINTON, WILLIAM A., US  
[71] EGINTON, WILLIAM A., US  
[71] JONES, CHARLES L., III, US  
[85] 2000-05-29  
[86] 1998-10-26 (PCT/US98/22613)  
[87] 1999-05-06 (WO99/22328)  
[30] US (08/958,675) 1997-10-27

[21] **2,312,238**  
[13] A1

[51] **Int.Cl. 6A61N 1/37**  
[25] EN  
[54] **AUTOMATIC CAPTURE VERIFICATION IN MULTISITE CARDIAC PACING**  
[54] **VERIFICATION AUTOMATIQUE DE LA CAPTURE LORS D'UNE STIMULATION CARDIAQUE MULTIPOINT**  
[72] MAARSE, ALBERT, NL  
[71] CARDIAC PACEMAKERS, INC., US  
[85] 2000-05-29  
[86] 1998-12-02 (PCT/US98/25506)  
[87] 1999-06-17 (WO99/29368)  
[30] US (08/986,319) 1997-12-05

[21] **2,312,240**  
[13] A1

[51] **Int.Cl. 6B65H 19/22 6B65H 23/24**  
[25] EN  
[54] **CHANGE DEVICE OF A REEL-UP AND METHOD FOR CHANGING A ROLL**  
[54] **DISPOSITIF DE CHANGEMENT DE ROULEAU POUR ENROULEUSE ET PROCEDE DE CHANGEMENT DE ROULEAU**  
[72] LUOMI, SEPPO, FI  
[72] KYTONEN, PAULI, FI  
[72] ENWALD, PETRI, FI  
[71] VALMET CORPORATION, FI  
[85] 2000-05-29  
[86] 1998-12-01 (PCT/FI98/00937)  
[87] 1999-06-10 (WO99/28227)  
[30] FI (974387) 1997-12-01

[21] **2,312,241**  
[13] A1

[51] **Int.Cl. 6G02B 6/24**  
[25] EN  
[54] **CONNECTION MEANS FOR OPTICAL FIBRES**  
[54] **DISPOSITIF DE CONNEXION DE FIBRES OPTIQUES**  
[72] MOLL, HANS-CHRISTER, SE  
[72] ENGSTRAND, JAN-AKE, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-05-29  
[86] 1998-11-18 (PCT/SE98/02084)  
[87] 1999-06-10 (WO99/28773)  
[30] SE (9704466-3) 1997-12-01

[21] **2,312,242**  
[13] A1

[51] **Int.Cl. 6C08F 240/00 6C09J 201/00 6C09J 157/02 6C08L 57/02**  
[25] EN  
[54] **PROCESS FOR PRODUCING HYDROGENATED C9 PETROLEUM RESIN AND HYDROGENATED C9 PETROLEUM RESIN OBTAINED BY THE PROCESS**  
[54] **RESINE DE PETROLE EN C9 HYDROGENEE ET PROCEDE DE PRODUCTION CORRESPONDANT**  
[72] OKAZAKI, TAKUMI, JP  
[72] KESHI, HIROKAZU, JP  
[72] NAGAHARA, EIJI, JP  
[71] ARAKAWA CHEMICAL INDUSTRIES, LTD., JP  
[85] 2000-05-29  
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[87] 2000-04-06 (WO00/18815)  
[30] JP (10/278521) 1998-09-30

[21] **2,312,244**  
[13] A1

[51] **Int.Cl. 6G09G 5/00 6H04N 9/47**  
[25] EN  
[54] **AUGMENTED RETINAL DISPLAY WITH VIEW TRACKING AND DATA POSITIONING**  
[54] **IMAGEUR RETINIEN AVANCE A POURSUITE DU REGARD ET POSITIONNEMENT DE DONNEES**  
[72] JOHNSTON, RICHARD S., US  
[72] MELVILLE, CHARLES D., US  
[71] UNIVERSITY OF WASHINGTON, US  
[71] UNIVERSITY OF WASHINGTON, US  
[85] 2000-05-29  
[86] 1999-01-13 (PCT/US99/00726)  
[87] 1999-07-22 (WO99/36903)  
[30] US (09/009,579) 1998-01-20

[21] **2,312,245**  
[13] A1

[51] **Int.Cl. 6G02B 27/14**  
[25] EN  
[54] **VIRTUAL RETINAL DISPLAY WITH EYE TRACKING**  
[54] **IMAGEUR VIRTUEL RETINIEN A POURSUITE DU REGARD**  
[72] JOHNSTON, RICHARD S., US  
[72] MELVILLE, CHARLES D., US  
[71] UNIVERSITY OF WASHINGTON, US  
[85] 2000-05-29  
[86] 1999-01-13 (PCT/US99/00727)  
[87] 1999-07-22 (WO99/36826)  
[30] US (09/008,918) 1998-01-20

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[13] A1

[51] **Int.Cl. 6B01D 25/02 6B01D 39/18 6B01D 29/21 6B01D 29/33 6B01D 29/52**  
[25] EN  
[54] **BAGHOUSE, LONG FILTER ASSEMBLY AND METHOD OF INSTALLATION**  
[54] **FILTRE A MANCHES, ENSEMBLE FILTRE LONG ET PROCEDE D'INSTALLATION**  
[72] CLEMENTS, JACK THOMAS, US  
[72] MAHONEY, RONALD LAWAYNE, US  
[72] DOEHLA, JAMES ROY, US  
[71] BHA GROUP HOLDINGS, INC., US  
[85] 2000-05-29  
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[87] 2000-04-06 (WO00/18486)  
[30] US (09/163,654) 1998-09-30

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<p style="text-align: right;">[21] <b>2,312,303</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01F 11/26</b> [25] EN [54] <b>PRE-MEASURED LIQUID DISPENSER</b> [54] <b>DISTRIBUTEUR DE LIQUIDE EN VOLUME PREDETERMINE</b> [72] CECCARELLI, ANTONIO, CA [72] CECCARELLI, LORETO J., CA [71] THE AUTHENTIC GROUP INC., CA [85] 2000-05-29 [86] 1998-11-27 (PCT/CA98/01100) [87] 1999-06-10 (WO99/28710) [30] US (08/982,738) 1997-12-02</p>	<p style="text-align: right;">[21] <b>2,312,310</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 9/36 6G06K 9/46</b> [25] EN [54] <b>IMAGE COMPRESSION METHOD D'IMAGE</b> [54] <b>PROCEDE DE COMPRESSION D'IMAGE</b> [72] BENJAMIN, MENASHE, IL [72] BURAK, YORAM, IL [72] NIZRY, RONEN, IL [71] ALGOTEC SYSTEMS LTD., IL [85] 2000-05-29 [86] 1998-11-24 (PCT/IL98/00574) [87] 1999-06-10 (WO99/28858) [30] IL (122361) 1997-11-29 [30] US (60/109,569) 1998-11-23</p>	<p style="text-align: right;">[21] <b>2,312,315</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 9/00</b> [25] EN [54] <b>THREE-DIMENSIONAL FACE IDENTIFICATION SYSTEM</b> [54] <b>SYSTEME TRIDIMENSIONNEL D'IDENTIFICATION DE VISAGE</b> [72] ERASIAN, ARSEV H., US [71] ERASIAN, ARSEV H., US [85] 2000-05-29 [86] 1998-12-01 (PCT/US98/25410) [87] 1999-06-10 (WO99/27838) [30] US (60/067,065) 1997-12-01</p>
<p style="text-align: right;">[21] <b>2,312,304</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 27/22</b> [25] EN [54] <b>DIGITAL RADIO RECEIVER</b> [54] <b>RECEPTEUR RADIOELECTRIQUE NUMERIQUE</b> [72] SHIRAISHI, KENICHI, JP [72] KATOH, HISAKAZU, JP [72] MATSUDA, SHOJI, JP [72] HASHIMOTO, AKINORI, JP [72] HORII, AKIHIRO, JP [71] KABUSHIKI KAISHA KENWOOD, JP [85] 2000-05-29 [86] 1998-12-04 (PCT/JP98/05499) [87] 1999-06-10 (WO99/29076) [30] JP (9-348719) 1997-12-04</p>	<p style="text-align: right;">[21] <b>2,312,312</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G03B 21/14</b> [25] EN [54] <b>AUGMENTED IMAGING USING A SILHOUETTE TO IMPROVE CONTRAST</b> [54] <b>UNITE D'IMAGERIE ELARGIE UTILISANT UNE SILHOUETTE POUR AMELIORER LE CONTRASTE</b> [72] MELVILLE, CHARLES D., US [71] UNIVERSITY OF WASHINGTON, US [85] 2000-05-29 [86] 1999-01-13 (PCT/US99/00142) [87] 1999-07-22 (WO99/36828) [30] US (09/009,759) 1998-01-20</p>	<p style="text-align: right;">[21] <b>2,312,317</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F02M 67/02</b> [25] EN [54] <b>METHOD OF INJECTION OF A FUEL-GAS MIXTURE TO AN ENGINE</b> [54] <b>PROCEDE D'INJECTION D'UN MELANGE DE CARBURANT-GAZ DANS UN MOTEUR</b> [72] CATHCART, GEOFFREY PAUL, AU [71] ORBITAL ENGINE COMPANY (AUSTRALIA) PTY. LIMITED, AU [85] 2000-05-29 [86] 1998-12-03 (PCT/AU98/01004) [87] 1999-06-10 (WO99/28621) [30] AU (PP0704) 1997-12-03</p>
<p style="text-align: right;">[21] <b>2,312,307</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B05B 7/22 6C23C 4/12</b> [25] EN [54] <b>TWIN WIRE ELECTRIC ARC METALIZING DEVICE</b> [54] <b>DISPOSITIF DE METALLISATION A ARC ELECTRIQUE DOUBLE FIL</b> [72] MIDGETT, PHILIP MIKE, NL [72] TUDOR, CARL FRAZER, NL [71] INTERNATIONAL METALIZING CORPORATION, US [85] 2000-05-29 [86] 1998-09-04 (PCT/NL98/00507) [87] 1999-03-11 (WO99/11383) [30] NL (1006939) 1997-09-04 [30] NL (1007907) 1997-12-24</p>	<p style="text-align: right;">[21] <b>2,312,313</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B64C 29/02</b> [25] EN [54] <b>VERTICAL TAKE-OFF AND LANDING, AERODYNAMICALLY SELF-SUSTAINED HORIZONTAL FLIGHT HYBRID AIRCRAFT</b> [54] <b>AVION HYBRIDE A DECOLLAGE ET ATERRISSAGE VERTICAUX, A VOL HORIZONTAL ET A AUTOSUSTENTATION AERODYNAMIQUE</b> [72] CAPANNA, FRANCO, IT [71] CAPANNA, FRANCO, IT [85] 2000-05-29 [86] 1998-12-09 (PCT/IT98/00356) [87] 1999-06-17 (WO99/29569) [30] IT (RM97A000763) 1997-12-10</p>	<p style="text-align: right;">[21] <b>2,312,319</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E04G 23/02</b> [25] EN [54] <b>REINFORCEMENT ELEMENT FOR LOAD-CARRYING OR LOAD-TRANSFERRING STRUCTURAL PARTS AND METHOD FOR FIXING SAID REINFORCEMENT ELEMENT TO THE SURFACE OF A STRUCTURAL PART</b> [54] <b>ELEMENT DE RENFORCEMENT POUR COMPOSANTS DE SUPPORT DE CHARGE OU DE TRANSMISSION DE CHARGE, AINSI QUE PROCEDE POUR SA FIXATION SUR UNE SURFACE DE COMPOSANT</b> [72] BLEIBLER, ALEXANDER, CH [72] STEINER, WERNER, CH [71] SIKA AG, VORMALS KASPAR WINKLER &amp; CO., CH [85] 2000-05-29 [86] 1998-11-13 (PCT/EP98/07276) [87] 1999-06-10 (WO99/28575) [30] DE (197 53 318.3) 1997-12-02</p>

## PCT Applications Entering the National Phase

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[21] **2,312,321**  
[13] A1  
[51] **Int.Cl. 6F16D 69/00 6B60T 8/52**  
[25] EN  
[54] **DOUBLE ACTION BRAKE SHOE**  
[54] **SEGMENT DE FREIN A DOUBLE ACTION**  
[72] WIJAYA, HERU PRASANTA, ID  
[71] WIJAYA, HERU PRASANTA, ID  
[85] 2000-05-29  
[86] 1998-09-28 (PCT/IB98/01507)  
[87] 2000-04-06 (WO00/19122)

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[21] **2,312,322**  
[13] A1  
[51] **Int.Cl. 6G02B 6/38**  
[25] EN  
[54] **METHOD AND DEVICE FOR FIXING OPTICAL FIBRES**  
[54] **PROCEDE ET DISPOSITIF DE FIXATION DE FIBRES OPTIQUES**  
[72] ENGSTRAND, JAN-AKE, SE  
[72] MOLL, HANS-CHRISTER, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-05-29  
[86] 1998-11-18 (PCT/SE98/02085)  
[87] 1999-06-10 (WO99/28775)  
[30] SE (9704467-1) 1997-12-01

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[21] **2,312,323**  
[13] A1  
[51] **Int.Cl. 7F16H 1/28 7F02C 7/36**  
[25] EN  
[54] **PLANETARY GEAR**  
[54] **BOITE PLANETAIRE**  
[72] STEGHERR, RUDOLF, DE  
[71] MTU MOTOREN- UND TURBINEN-UNION MUNCHEN GMBH, DE  
[85] 2000-05-29  
[86] 1999-09-29 (PCT/DE99/03121)  
[87] 2000-04-06 (WO00/19124)  
[30] DE (198 44 843.0) 1998-09-30

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[21] **2,312,324**  
[13] A1  
[51] **Int.Cl. 6A47F 7/024 6E05B 73/00**  
[25] EN  
[54] **DEVICE FOR BURGLAR-PROOF PRESENTATION OF ITEMS**  
[54] **DISPOSITIF ANTIVOL POUR PRESENTER DES ARTICLES**  
[72] SCHILD, BEAT, CH  
[71] SCHILD, BEAT, CH  
[85] 2000-05-29  
[86] 1998-12-08 (PCT/CH98/00518)  
[87] 1999-06-17 (WO99/29215)  
[30] CH (2840/97) 1997-12-09  
[30] CH (1005/98) 1998-05-05

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[21] **2,312,325**  
[13] A1  
[51] **Int.Cl. 6G06F 13/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MEDIA CONNECTIVITY OVER A PACKET-BASED NETWORK**  
[54] **PROCEDE ET SYSTEME DE CONNECTIVITE DE SUPPORTS PAR L'INTERMEDIAIRE D'UN RESEAU A BASE DE PAQUETS**  
[72] HUITEMA, CHRISTIAN, US  
[72] ELY, THOMAS C., US  
[72] ARANGO, MAURICIO, US  
[72] CAHL, LOUIS, US  
[72] OBROCK, FREDERICK, US  
[72] SMYK, DAREK A., US  
[72] COOK, MICHAEL J., US  
[71] TELCORDIA TECHNOLOGIES, INC., US  
[85] 2000-05-29  
[86] 1998-12-03 (PCT/US98/25760)  
[87] 1999-06-10 (WO99/28827)  
[30] US (60/067,224) 1997-12-03

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[21] **2,312,328**  
[13] A1  
[51] **Int.Cl. 6C07C 51/14 6C07C 55/02 6C07C 57/03 6C07C 55/14 6C07C 51/48**  
[25] EN  
[54] **PROCESS TO SEPARATE RHODIUM FROM AN ORGANIC MIXTURE**  
[54] **PROCEDE DE SEPARATION DE RHODIUM D'UN MELANGE ORGANIQUE**  
[72] BOOGERS, JEROEN ANTONIUS FRANCISCUS, NL  
[72] SMEETS, THEODORUS MARIA, NL  
[71] DSM N.V., NL  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-05-30  
[86] 1998-11-30 (PCT/NL98/00676)  
[87] 1999-06-10 (WO99/28286)  
[30] EP (97203754.3) 1997-12-01

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[21] **2,312,336**  
[13] A1  
[51] **Int.Cl. 6H04Q 11/04 6H04M 11/06**  
[25] EN  
[54] **SIMULTANEOUS TRANSMISSION OF VOICE AND NON-VOICE DATA ON A SINGLE NARROWBAND CONNECTION**  
[54] **TRANSMISSION SIMULTANEE DE DONNEES VOCALES ET NON VOCALES SUR UNE SEULE CONNEXION A BANDE ETROITE**  
[72] PETERSEN, LARS-GORAN, SE  
[72] LEIJONHUFVUD, GOSTA, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-05-30  
[86] 1998-11-17 (PCT/SE98/02065)  
[87] 1999-06-10 (WO99/29136)  
[30] US (08/982,425) 1997-12-02

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[21] **2,312,338**  
[13] A1  
[51] **Int.Cl. 6C07D 239/56 6C07D 401/04**  
[25] EN  
[54] **PROCESS OF PREPARING SUBSTITUTED PYRIMIDINONES**  
[54] **PROCEDE SERVANT A PREPARER DES PYRIMIDINONES SUBSTITUEES**  
[72] KOCH, KEVIN, US  
[72] BURGESS, LAURENCE E., US  
[71] AMGEN INC., US  
[85] 2000-05-30  
[86] 1998-12-04 (PCT/US98/25790)  
[87] 1999-06-10 (WO99/28303)  
[30] US (60/067,513) 1997-12-04  
[30] US (09/204,569) 1998-12-03

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[21] **2,312,339**  
[13] A1

[51] **Int.Cl. 6B29C 45/17 6B29C 45/04 6B29C 45/16**  
[25] EN  
[54] **INJECTION MOLDING MACHINE WITH DISPLACEABLE MOLDS, A HOLDING DEVICE AND A DIE HOLDER FOR SUCH AN INJECTION MOLDING MACHINE**  
[54] **MACHINE DE MOULAGE PAR INJECTION COMPORTANT DES MOULES POUVANT ETRE DEPLACES, ET DISPOSITIF DE FIXATION ET PORTE-MOULE DESTINES A UNE TELLE MACHINE DE MOULAGE PAR INJECTION**  
[72] BODMER, WERNER, DE  
[71] FOBOHA GMBH, DE  
[85] 2000-05-30  
[86] 1998-11-25 (PCT/EP98/07600)  
[87] 1999-06-10 (WO99/28108)  
[30] EP (97 121 248.5) 1997-12-03

[21] **2,312,341**  
[13] A1

[51] **Int.Cl. 6E21B 4/14 6E21B 21/10**  
[25] EN  
[54] **PERCUSSIVE TOOL**  
[54] **OUTIL A PERCUSSION**  
[72] HARDIE, RONNIE, GB  
[72] EDDISON, ALAN MARTYN, GB  
[71] ANDERGAUGE LIMITED, GB  
[85] 2000-05-30  
[86] 1998-12-11 (PCT/GB98/03710)  
[87] 1999-06-17 (WO99/29996)  
[30] GB (GB9726204.2) 1997-12-11

[21] **2,312,342**  
[13] A1

[51] **Int.Cl. 6H04J 3/16**  
[25] EN  
[54] **DIGITAL FRAME FOR RADIO-RELAY STATION**  
[54] **TRAME NUMERIQUE POUR STATION HERTZIENNE**  
[72] FORCE, CLAUDE, FR  
[71] SAGEM S.A., FR  
[85] 2000-05-30  
[86] 1998-11-13 (PCT/FR98/02417)  
[87] 1999-06-10 (WO99/29061)  
[30] FR (97/15271) 1997-12-02

[21] **2,312,344**  
[13] A1

[51] **Int.Cl. 6H04J 3/16**  
[25] EN  
[54] **DIGITAL FRAME FOR RADIO-RELAY STATION**  
[54] **TRAME NUMERIQUE POUR STATION HERTZIENNE**  
[72] FORCE, CLAUDE, FR  
[71] SAGEM S.A., FR  
[85] 2000-05-30  
[86] 1998-11-13 (PCT/FR98/02416)  
[87] 1999-06-10 (WO99/29060)  
[30] FR (97/15270) 1997-12-02

[21] **2,312,345**  
[13] A1

[51] **Int.Cl. 6C11D 11/00 6B08B 3/08 6C11D 7/12**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING CLEANING AGENT**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE PRODUIRE UN AGENT NETTOYANT**  
[72] ARAI, KAZUYOSHI, JP  
[72] MIYAMAE, KAZUHIRO, JP  
[72] SEO, TOMOKI, JP  
[71] MIZ CO., LTD., JP  
[85] 2000-05-30  
[86] 1999-10-04 (PCT/JP99/05447)  
[87] 2000-04-13 (WO00/20549)  
[30] JP (10-282767) 1998-10-05  
[30] JP (11-211811) 1999-07-27

[21] **2,312,346**  
[13] A1

[51] **Int.Cl. 6H04M 1/274**  
[25] EN  
[54] **TELEPHONE FOR RETRIEVING MEMORY CONTENT THROUGH SIMPLE OPERATON**  
[54] **TELEPHONE PERMETTANT DE RETROUVER UN CONTENU DE MEMOIRE MOYENNANT UNE SIMPLE OPERATION**  
[72] KUSAKA, HIROYUKI, JP  
[72] KOTOBUKI, EIJI, JP  
[72] NAITO, MASAHIRO, JP  
[72] HAMA, MITSUJI, JP  
[71] SANYO ELECTRIC CO., LTD., JP  
[85] 2000-05-30  
[86] 1998-11-30 (PCT/JP98/05363)  
[87] 1999-06-10 (WO99/29088)  
[30] JP (9-330609) 1997-12-01  
[30] JP (10-107623) 1998-04-17

[21] **2,312,347**  
[13] A1

[51] **Int.Cl. 6A61K 31/41 6A61K 31/435 6A61K 31/56**  
[25] EN  
[54] **USE OF AN AROMATASE INHIBITOR IN THE TREATMENT OF DECREASED ANDROGEN TO ESTROGEN RATIO AND DETRUSOR URETHRAL SPHINCTER DYSSYNERGIA IN MEN AND METHOD TO STUDY THE DYSSYNERGIA IN MALE RODENTS**  
[54] **UTILISATION D'UN INHIBITEUR D'AROMATASE DANS LE TRAITEMENT D'UNE BAISSSE DU RAPPORT ANDROGENE/ESTROGENE ET D'UNE ASYNERGIE DETRUSOR-SPHINCTER EXTERNE DE L'URETRE CHEZ LES SUJETS MASCULINS, ET PROCEDE RELATIF A L'ETUDE DE L'ASYNERGIE CHEZ LES RONGEURS MALES**  
[72] HALONEN, KAIJA, FI  
[72] LAMMINTAUSTA, RISTO, FI  
[72] TALO, ANTTI, FI  
[72] SANTTI, RISTO, FI  
[72] STRENG, TOMI, FI  
[72] KANGAS, LAURI, FI  
[71] HORMOS MEDICAL OY LTD., FI  
[85] 2000-05-30  
[86] 1998-12-09 (PCT/FI98/00954)  
[87] 1999-06-24 (WO99/30708)  
[30] US (08/989,447) 1997-12-12

[21] **2,312,348**  
[13] A1

[51] **Int.Cl. 6G05B 19/416**  
[25] EN  
[54] **GANTRY-MOUNTED LASER NOZZLE AND METHOD FOR CONTROLLING LASER POSITIONING**  
[54] **AJUTAGE AU LASER MONTE SUR SUPPORT MOBILE ET PROCEDE SERVANT A COMMANDER LE POSITIONNEMENT DU LASER**  
[72] ANDREWS, RANDALL G., CA  
[72] SAWATZKY, BRIAN D., CA  
[72] WANT, CHRIS J., CA  
[71] LACENT TECHNOLOGIES INC., CA  
[85] 2000-05-30  
[86] 1998-12-02 (PCT/CA98/01117)  
[87] 1999-06-10 (WO99/28798)  
[30] US (60/067,366) 1997-12-02

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,312,350</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 305/14</b> [25] EN [54] <b>ALTERNATE METHOD FOR ACYLATING 10-DEACETYLBACCATIN III SELECTIVELY AT THE C-10 POSITION</b> [54] <b>NOUVEAU PROCEDE D'ACYLATION SELECTIVE DE 10-DEACETYLBACCATINE III A LA POSITION C-10</b> [72] MCCHESENEY, JAMES D., US [72] ZYGMUNT, JAN, US [72] SISTI, NICHOLAS J., US [72] BRINKMAN, HERBERT R., US [72] CHANDER, MADHAVI C., US [72] LIANG, XIAN, US [71] NAPRO BIOTHERAPEUTICS, INC., US [85] 2000-05-30 [86] 1999-01-21 (PCT/US99/01384) [87] 1999-07-29 (WO99/37632) [30] US (09/010,285) 1998-01-21</p>	<p style="text-align: right;">[21] <b>2,312,352</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01S 5/16 6G01S 17/87</b> [25] EN [54] <b>A SYSTEM FOR DETERMINING THE SPATIAL POSITION AND ORIENTATION OF A BODY</b> [54] <b>SYSTEME PERMETTANT DE DETERMINER LA POSITION SPATIALE ET L'ORIENTATION D'UN CORPS</b> [72] LEIS, STEPHEN ELDON, CA [71] NORTHERN DIGITAL INC., CA [85] 2000-05-30 [86] 1998-12-02 (PCT/CA98/01118) [87] 1999-06-17 (WO99/30182) [30] US (08/985,462) 1997-12-05</p>	<p style="text-align: right;">[21] <b>2,312,356</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C23C 2/00</b> [25] EN [54] <b>DROSS COLLECTING ZINC POT RECUPERATION DE CRASSES</b> [72] BOSTON, STEVEN L., US [72] MENEICE, DAVID J., US [71] AK STEEL CORPORATION, US [85] 2000-05-30 [86] 1998-10-29 (PCT/US98/22945) [87] 1999-06-17 (WO99/29919) [30] US (08/987,660) 1997-12-09</p>
<p style="text-align: right;">[21] <b>2,312,351</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 23/89 6C07C 67/055 6B01J 23/52</b> [25] EN [54] <b>VINYL ACETATE CATALYST COMPRISING PALLADIUM, GOLD, COPPER AND ANY OF CERTAIN FOURTH METALS</b> [54] <b>CATALYSEUR D'ACETATE DE VINYLE, CONTENANT DU PALLADIUM, DE L'OR, DU CUIVRE ET UN QUATRIEME METAL</b> [72] COLLING, PHILIP M., US [72] NICOLAU, IOAN, US [71] CELANESE INTERNATIONAL CORPORATION, US [85] 2000-05-30 [86] 1998-12-03 (PCT/US98/25599) [87] 1999-06-24 (WO99/30818) [30] US (08/989,886) 1997-12-12</p>	<p style="text-align: right;">[21] <b>2,312,353</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B25C 1/18</b> [25] EN [54] <b>DEVICE FOR DRIVING A FASTENING ELEMENT INTO A BASE AND USE OF SAID DEVICE</b> [54] <b>APPAREIL POUR PLACER UN ELEMENT DE FIXATION DANS UNE BASE D'APPUI ET UTILISATION DUDIT APPAREIL</b> [72] WEIHRAUCH, ACHIM, DE [71] KELLNER, GERD, DE [85] 2000-05-30 [86] 1998-11-23 (PCT/EP98/07555) [87] 1999-06-17 (WO99/29472) [30] CH (2798/97) 1997-12-04</p>	<p style="text-align: right;">[21] <b>2,312,357</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 405/06 6C07D 401/06 6C07D 413/06 6C07D 417/06 6A61K 31/44</b> [25] EN [54] <b>NOVEL COMPOUNDS</b> [54] <b>NOUVEAUX COMPOSES</b> [72] MCINALLY, THOMAS, GB [72] CHESHIRE, DAVID, GB [72] MORTIMORE, MICHAEL, GB [72] CLADINGBOEL, DAVID, GB [72] BAXTER, ANDREW, GB [71] ASTRAZENECA UK LIMITED, GB [85] 2000-05-30 [86] 1998-12-01 (PCT/SE98/02190) [87] 1999-06-17 (WO99/29686) [30] SE (9704546-2) 1997-12-05</p>
<p style="text-align: right;">[21] <b>2,312,355</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01R 31/327</b> [25] EN [54] <b>METHOD AND CONFIGURATION FOR TESTING DIGITAL PROTECTION DEVICES</b> [54] <b>PROCEDE ET CONFIGURATION PERMETTANT DE TESTER DES DISPOSITIFS DE PROTECTION NUMERIQUES</b> [72] WINTER, WILHELM, DE [72] KAISER, STEFFEN, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2000-05-30 [86] 1998-09-04 (PCT/DE98/02692) [87] 1999-03-18 (WO99/13350) [30] DE (197 40 425.1) 1997-09-10</p>	<p style="text-align: right;">[21] <b>2,312,355</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 12/14 6H04L 9/08</b> [25] EN [54] <b>METHOD FOR REDUCING STORAGE SPACE REQUIREMENTS FOR A FIRST ELECTRONIC KEY AND CODING/DECODING ARRANGEMENT</b> [54] <b>PROCEDE PERMETTANT DE REDUIRE L'ENCOMBREMENT DE MEMORISATION POUR UNE PREMIERE CLE ELECTRONIQUE ET DISPOSITIF DE CODAGE ET DE DECODAGE</b> [72] GEORGIADES, JEAN, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2000-05-30 [86] 1998-11-25 (PCT/DE98/03470) [87] 1999-06-10 (WO99/28887) [30] DE (197 53 274.8) 1997-12-01 [30] DE (198 01 776.6) 1998-01-19</p>	<p style="text-align: right;">[21] <b>2,312,358</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 12/14 6H04L 9/08</b> [25] EN [54] <b>METHOD FOR REDUCING STORAGE SPACE REQUIREMENTS FOR A FIRST ELECTRONIC KEY AND CODING/DECODING ARRANGEMENT</b> [54] <b>PROCEDE PERMETTANT DE REDUIRE L'ENCOMBREMENT DE MEMORISATION POUR UNE PREMIERE CLE ELECTRONIQUE ET DISPOSITIF DE CODAGE ET DE DECODAGE</b> [72] GEORGIADES, JEAN, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2000-05-30 [86] 1998-11-25 (PCT/DE98/03470) [87] 1999-06-10 (WO99/28887) [30] DE (197 53 274.8) 1997-12-01 [30] DE (198 01 776.6) 1998-01-19</p>

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[21] **2,312,360**  
[13] A1

[51] **Int.Cl. 6C21C 5/52 6F27D 3/00 6F27B 3/18 6C21C 5/56**

[25] EN

[54] **FEEDING DEVICE FOR ELECTRICAL SHAFT FURNACES WITH AN ELECTRODE-RECEIVING CENTRAL TUBE**

[54] **DISPOSITIF D'ALIMENTATION POUR FOURS A CUVE ELECTRIQUES AVEC TUBE CENTRAL ABRITANT DES ELECTRODES**

[72] GRUND, GUIDO, DE

[72] LEMKE, JOACHIM, DE

[72] SCHURING, ANDREAS, DE

[72] SCHMALE, KLAUS, DE

[71] SMS DEMAG AG, DE

[85] 2000-05-30

[86] 1998-11-12 (PCT/DE98/03420)

[87] 1999-06-17 (WO99/29914)

[30] DE (19755890.9) 1997-12-05

[21] **2,312,362**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6G01N 33/50**

[25] EN

[54] **METHOD FOR IDENTIFYING AGONISTS AND ANTAGONISTS OF DNA REPLICATION USING AN IN VITRO MAMMALIAN DNA REPLICATION SYSTEM**

[54] **PROCEDE SERVANT A IDENTIFIER DES AGONISTES ET DES ANTAGONISTES DE REPLICATION D'ADN AU MOYEN D'UN SYSTEME DE REPLICATION IN VITRO D'ADN MAMMIFERE**

[72] DIAZ-PEREZ, MARIA, CA

[72] WAINER, IRVING W., CA

[72] ZANNIS-HADJOPOULOS, MARIA, CA

[72] PRICE, GERALD B., CA

[72] AZZAOU, KAMAL, CA

[71] MCGILL UNIVERSITY, CA

[85] 2000-05-30

[86] 1998-11-30 (PCT/CA98/01109)

[87] 1999-06-10 (WO99/28496)

[30] CA (2,223,216) 1997-12-01

[21] **2,312,364**  
[13] A1

[51] **Int.Cl. 6E01B 11/44 6B25J 11/00 6B23K 9/12**

[25] EN

[54] **RAIL WELDING APPARATUS INCORPORATING RAIL RESTRAINING DEVICE, WELD CONTAINMENT DEVICE AND WELD DELIVERY UNIT**

[54] **APPAREIL DE SOUDAGE DE RAILS COMPRENANT UN DISPOSITIF D'IMMOBILISATION, UN DISPOSITIF DE RETENUE DE SOUDURES ET UNE UNITE DE FORMATION DE SOUDURES**

[72] THELEN, RICHARD L., US

[72] KRAL, RICHARD F., US

[71] HOLLAND COMPANY, US

[85] 2000-05-30

[86] 1998-12-16 (PCT/US98/27169)

[87] 1999-06-24 (WO99/31322)

[30] US (60/069,795) 1997-12-16

[21] **2,312,361**  
[13] A1

[51] **Int.Cl. 6A61K 31/55 6C07D 401/12 6C07D 403/12 6C07D 401/14 6C07D 403/14 6A61K 31/445**

[25] EN

[54] **INHIBITORS OF FARNESYL-PROTEIN TRANSFERASE**

[54] **INHIBITEURS DE LA FARNESYL-PROTEINE TRANSFERASE**

[72] DESOLMS, S. JANE, US

[71] MERCK & CO., INC., US

[85] 2000-05-30

[86] 1998-11-30 (PCT/US98/25348)

[87] 1999-06-10 (WO99/27933)

[30] US (08/985,124) 1997-12-04

[21] **2,312,363**  
[13] A1

[51] **Int.Cl. 6G02B 5/124 6B29D 11/00**

[25] EN

[54] **MINIATURE MICRO PRISM RETROREFLECTOR**

[54] **RETROREFLECTEUR A MICROPRISMES MINIATURE**

[72] NILSEN, ROBERT B., US

[72] ROWLAND, WILLIAM P., US

[71] REFLEXITE CORPORATION, US

[85] 2000-05-30

[86] 1998-11-24 (PCT/US98/25139)

[87] 1999-06-10 (WO99/28771)

[30] US (08/980,885) 1997-12-01

[21] **2,312,366**  
[13] A1

[51] **Int.Cl. 6C07D 401/02 6A61K 31/415 6A61K 31/47**

[25] EN

[54] **INHIBITORS OF FARNESYL-PROTEIN TRANSFERASE**

[54] **INHIBITEURS DE LA FARNESYL-PROTEINE TRANSFERASE**

[72] HALCZENKO, WASYL, US

[72] HUTCHINSON, JOHN H., US

[72] LUMMA, WILLIAM C., JR., US

[72] STOKKER, GERALD E., US

[72] STUMP, CRAIG A., US

[72] CICCARONE, TERENCE M., US

[72] WILLIAMS, THERESA M., US

[71] MERCK & CO., INC., US

[85] 2000-05-30

[86] 1998-11-30 (PCT/US98/25352)

[87] 1999-06-10 (WO99/28313)

[30] US (08/985,320) 1997-12-04

[21] **2,312,368**  
[13] A1

[51] **Int.Cl. 7G01F 23/00**

[25] EN

[54] **ANALOG LIQUID LEVEL SENSOR**

[54] **DETECTEUR ANALOGIQUE DE NIVEAU DE LIQUIDE**

[72] KEMP, JOHN W., CA

[71] IMAGING & SENSING

TECHNOLOGY CORPORATION, US

[85] 2000-05-31

[86] 1999-10-01 (PCT/US99/23001)

[87] 2000-04-06 (WO00/19173)

[30] US (09/164,962) 1998-10-01

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[21] **2,312,369**  
[13] A1

[51] **Int.Cl. 7B29C 47/64 7B29B 7/42**  
[25] EN  
[54] **MIXING ELEMENT FOR SCREW EXTRUDER**  
[54] **ELEMENT DE MALAXAGE UTILISE DANS UNE EXTRUDEUSE A VIS SANS FIN**  
[72] KIANI, ARASH, US  
[72] BURBANK, FREDERICK R., US  
[71] KRUPP WERNER & PFLEIDERER CORPORATION, US  
[85] 2000-05-31  
[86] 1999-09-21 (PCT/US99/21907)  
[87] 2000-04-13 (WO00/20189)  
[30] US (09/165,919) 1998-10-02

[21] **2,312,370**  
[13] A1

[51] **Int.Cl. 7A61L 33/06 7A61L 29/08 7A61L 31/10 7A61L 27/34**  
[25] EN  
[54] **BIOCOMPATIBLE POLYMER FILM**  
[54] **FILM POLYMERE BIOCOMPATIBLE**  
[72] GOHL, HERMANN, DE  
[72] BECK, WERNER, DE  
[72] KRAMER, KATJA, DE  
[72] BAUER, ULRICH, DE  
[72] DIETRICH, RUTH, DE  
[72] DEPPISCH, REINHOLD, DE  
[71] GAMBRO AB, SE  
[85] 2000-05-31  
[86] 1999-10-08 (PCT/IB99/01861)  
[87] 2000-04-20 (WO00/21585)  
[30] US (60/104,001) 1998-10-13

[21] **2,312,372**  
[13] A1

[51] **Int.Cl. 6C08L 23/04 6C08K 5/02 6C08K 13/02 6C08K 5/06 6C09K 21/14 6C08K 3/22 6C08K 5/3417 6C08K 5/3492 6C08K 3/36**  
[25] EN  
[54] **FLAME RETARDANT COMPOSITIONS**  
[54] **COMPOSITIONS RETARDATRICES DE COMBUSTION**  
[72] BANDYOPADHYAY, PRADIP K., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-05-31  
[86] 1998-04-03 (PCT/US98/06763)  
[87] 1999-06-17 (WO99/29776)  
[30] US (08/985936) 1997-12-05

[21] **2,312,373**  
[13] A1

[51] **Int.Cl. 6C08G 18/50 6C08J 9/00 6C08J 9/08 6C08K 5/109**  
[25] EN  
[54] **LOW DENSITY CO2-BLOWN POLYURETHANE FOAMS AND A PROCESS OF PREPARING SAME**  
[54] **MOUSSES DE POLYURETHANE SOUFFLEES AU CO2 A FAIBLE DENSITE ET SON PROCEDE DE PREPARATION**  
[72] BHATTACHARJEE, DEBKUMAR, US  
[72] MIRASOL, SOL M., US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2000-05-31  
[86] 1998-05-11 (PCT/US98/09662)  
[87] 1999-06-10 (WO99/28364)  
[30] AR (P970105703) 1997-12-04

[21] **2,312,374**  
[13] A1

[51] **Int.Cl. 6B26D 7/26 6B26D 3/08 6B29C 70/82**  
[25] EN  
[54] **WIRELAYING TOOL**  
[54] **OUTIL DE POSE DE CABLES**  
[72] CAWREY, PAUL, GB  
[72] JONES, GARY, GB  
[71] MSA ENGINEERING SYSTEMS LIMITED, GB  
[85] 2000-05-31  
[86] 1998-12-22 (PCT/GB98/03871)  
[87] 1999-07-08 (WO99/33619)  
[30] GB (9727159.7) 1997-12-24

[21] **2,312,375**  
[13] A1

[51] **Int.Cl. 7C25C 7/02**  
[25] EN  
[54] **STARTING CATHODES MADE OF COPPER BAND FOR COPPER ELECTROLYSIS AND A METHOD FOR THE PRODUCTION THEREOF**  
[54] **CATHODES DE DEMARRAGE EN BANDE DE CUIVRE S'UTILISANT DANS LE CUIVRAGE ELECTROLYTIQUE ET PROCEDE ELECTROLYTIQUE DE LES PRODUIRE**  
[72] CLOOSTERMANS-HUWAERT, LEON RAPHAEL LUCIENNE G., BE  
[71] LAMITREF INDUSTRIES N.V., BE  
[85] 2000-05-31  
[86] 1999-09-23 (PCT/EP99/07070)  
[87] 2000-04-13 (WO00/20661)  
[30] EP (98118542.4) 1998-10-01

[21] **2,312,376**  
[13] A1

[51] **Int.Cl. 6A61L 27/00**  
[25] EN  
[54] **METHOD FOR INHIBITING CALCIFICATION OF ALDEHYDE-FIXED BIOPROSTHETIC MATERIALS**  
[54] **PROCEDE EMPECHANT LA CALCIFICATION DES MATERIAUX DE BIOPROTHESE FIXES PAR L'ALDEHYDE**  
[72] PFADENHAUER, ERNEST H., US  
[72] YANG, JUN, US  
[72] DINH, TAN THANH, US  
[72] LEE, CATHERINE TING, US  
[71] BAXTER INTERNATIONAL INC., US  
[85] 2000-05-31  
[86] 1998-11-23 (PCT/US98/24900)  
[87] 1999-06-10 (WO99/27979)  
[30] US (08/982,846) 1997-12-02

[21] **2,312,377**  
[13] A1

[51] **Int.Cl. 6E04G 7/30**  
[25] EN  
[54] **CONNECTING DEVICE FOR A BEARER**  
[54] **DISPOSITIF D'ACCOUPLLEMENT POUR TRAVERSE D'APPUI**  
[72] HENGSTENBERG, ROLF, DE  
[72] TILSCH, UTE, DE  
[72] SCHADWINKEL, HOLGER, DE  
[71] PLETTAC AG, DE  
[85] 2000-05-31  
[86] 1998-11-16 (PCT/EP98/07301)  
[87] 1999-06-10 (WO99/28573)  
[30] DE (197 53 295.0) 1997-12-01

[21] **2,312,378**  
[13] A1

[51] **Int.Cl. 6H01M 4/58**  
[25] EN  
[54] **CARBON FIBRE ELECTRODES FOR SECONDARY BATTERY**  
[54] **ELECTRODE EN FIBRES DE CARBONE POUR BATTERIE SECONDAIRE**  
[72] BEGUIN, FRANCOIS, FR  
[72] PARMENTIER, PHILIPPE, FR  
[72] FRACKOWIAK, ELZBIETA, PL  
[71] MESSIER-BUGATTI, FR  
[85] 2000-05-31  
[86] 1998-12-01 (PCT/FR98/02580)  
[87] 1999-06-10 (WO99/28983)  
[30] FR (97/15142) 1997-12-02

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[21] **2,312,379**  
[13] A1

[51] **Int.Cl. 6G01N 33/50 6C12Q 1/02 6C12Q 1/527 6G01N 33/542 6G01N 33/58 6C12Q 1/68**  
[25] EN  
[54] **A BACTERIAL MULTI-HYBRID SYSTEM AND APPLICATIONS**  
[54] **SYSTEME BACTERIEN COMPORTANT DES HYBRIDES MULTIPLES ET SES MISES EN APPLICATION**  
[72] ULLMANN, AGNES, FR  
[72] KARIMOVA, GOUZEL, FR  
[72] LADANT, DANIEL, FR  
[71] INSTITUT PASTEUR, FR  
[85] 2000-05-31  
[86] 1998-12-04 (PCT/IB98/02085)  
[87] 1999-06-10 (WO99/28746)  
[30] US (60/067,308) 1997-12-04  
[30] US (09/203,681) 1998-12-01

[21] **2,312,382**  
[13] A1

[51] **Int.Cl. 6E21D 11/38 6E21D 11/00 6E21D 11/08**  
[25] EN  
[54] **FIREPROOF ELEMENT AND ITS FABRICATION**  
[54] **ELEMENT IGNIFUGE ET SA FABRICATION**  
[72] FRERIKS, ED, NL  
[72] GRAVESTEIJN, NICOLAAS DIRK, NL  
[71] VAN HATTUM EN BLANKEVOORT B.V., NL  
[71] HANDELSMAATSCHAPPIJ DE KEERKRING B.V., NL  
[71] BALLAST NEDAM BETON EN WATERBOUW B.V., NL  
[85] 2000-05-31  
[86] 1998-12-02 (PCT/NL98/00683)  
[87] 1999-06-10 (WO99/28596)  
[30] NL (1007684) 1997-12-03  
[30] NL (1008791) 1998-04-02

[21] **2,312,383**  
[13] A1

[51] **Int.Cl. 6C06B 45/10 6C06B 43/00 6C06B 49/00 6C06D 5/04 6C06D 5/06**  
[25] EN  
[54] **PYROTECHNIC GAS GENERANT COMPOSITION INCLUDING HIGH OXYGEN BALANCE FUEL**  
[54] **COMPOSITION PYROTECHNIQUE GENERATRICE DE GAZ COMPORTANT UN COMBUSTIBLE A FORTE TENEUR EN OXYGENE**  
[72] LUNDSTROM, NORMAN H., US  
[72] SCHEFFEE, ROBERT S., US  
[72] GRESO, AARON J., US  
[71] ATLANTIC RESEARCH CORPORATION, US  
[85] 2000-05-31  
[86] 1998-12-10 (PCT/US98/25716)  
[87] 1999-06-24 (WO99/30926)  
[30] US (08/993,882) 1997-12-18

[21] **2,312,384**  
[13] A1

[51] **Int.Cl. 6F01C 9/00 6F04C 9/00**  
[25] EN  
[54] **PENDULUM PISTON MOTOR**  
[54] **MOTEUR DE PISTON PENDULAIRE**  
[72] HARJU, BERT, SE  
[71] HARJU INNOVATION AB, SE  
[85] 2000-05-31  
[86] 1998-08-24 (PCT/SE98/01511)  
[87] 1999-06-10 (WO99/28597)  
[30] SE (9704477-0) 1997-12-02

[21] **2,312,386**  
[13] A1

[51] **Int.Cl. 6C09K 3/00 6C23F 11/00 6C10M 173/02**  
[25] EN  
[54] **METHOD OF FORMING CORROSION INHIBITING FILMS WITH HYDROGENATED BENZOTRIAZOLE DERIVATIVES**  
[54] **PROCEDE PERMETTANT DE FORMER DES COUCHES ANTICORROSION AVEC DES DERIVES DU BENZOTRIAZOLE HYDROGENE**  
[72] PILSITS, JOHN P., US  
[72] GILL, JASBIR S., US  
[72] COGNETTI, ANN M., US  
[71] CALGON CORPORATION, US  
[85] 2000-05-31  
[86] 1998-11-04 (PCT/US98/23407)  
[87] 1999-06-10 (WO99/28407)  
[30] US (08/982,049) 1997-12-01

[21] **2,312,387**  
[13] A1

[51] **Int.Cl. 6B65D 5/54**  
[25] EN  
[54] **ASPHALT PACKAGES WITH CONSUMABLE CONTAINERS**  
[54] **CONDITIONNEMENTS POUR ASPHALTE A RECIPIENTS FUSIBLES**  
[72] VERMILION, DONN R., US  
[72] BUC, JOHN L., US  
[72] CAMPBELL, JEREMY, US  
[72] MARZARI, JORGE A., US  
[72] WRIGHT, JON S., US  
[72] PONN, FREDERICK H., US  
[72] BURG, FRANK L., US  
[71] OWENS CORNING, US  
[85] 2000-05-31  
[86] 1998-12-11 (PCT/US98/26323)  
[87] 1999-06-24 (WO99/30973)  
[30] US (08/990,011) 1997-12-12

[21] **2,312,388**  
[13] A1

[51] **Int.Cl. 7B66C 1/02**  
[25] EN  
[54] **VACUUM GRIPPING APPARATUS**  
[54] **APPAREIL DE PREHENSION PAR ASPIRATION**  
[72] LINDBERG, TEPPO, FI  
[72] PIISPANEN, HANNU, FI  
[71] KCI KONECRANES INTERNATIONAL PLC, FI  
[85] 2000-05-31  
[86] 1999-10-22 (PCT/FI99/00882)  
[87] 2000-05-04 (WO00/24665)  
[30] FI (982299) 1998-10-23

[21] **2,312,389**  
[13] A1

[51] **Int.Cl. 6A61L 15/58 6A61B 5/04**  
[25] EN  
[54] **LOW TRAUMA ADHESIVE ARTICLE**  
[54] **ARTICLE ADHESIF PEU TRAUMATISANT**  
[72] JOSEPH, EUGENE G., US  
[72] BATTLES, DONALD, US  
[72] FERBER, RICHARD, US  
[72] TUCKER, JOSEPH, US  
[72] YOUNG, JAMES K., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-05-31  
[86] 1998-12-01 (PCT/US98/25436)  
[87] 1999-06-10 (WO99/27975)  
[30] US (08/980,541) 1997-12-01



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[21] **2,312,390**  
[13] A1

[51] **Int.Cl. 6G02B 6/00 6B29C 47/02 6G02B 6/44**  
[25] EN  
[54] **PROCESS FOR THE MANUFACTURE OF AN OPTICAL CORE FOR A TELECOMMUNICATIONS CABLE**  
[54] **PROCEDE DE PRODUCTION D'UNE AME OPTIQUE POUR CABLE DE TELECOMMUNICATION**  
[72] CECCHI, FELICIANO, IT  
[72] BRANDI, GIOVANNI, IT  
[71] PIRELLI CAVI E SISTEMI S.P.A., IT  
[85] 2000-05-31  
[86] 1998-11-27 (PCT/EP98/07654)  
[87] 1999-06-17 (WO99/30191)  
[30] EP (97121295.6) 1997-12-04  
[30] US (60/067,899) 1997-12-08

[21] **2,312,391**  
[13] A1

[51] **Int.Cl. 6G06K 7/08**  
[25] EN  
[54] **SECURITY DEVICE HAVING MULTIPLE SECURITY FEATURES AND METHOD OF MAKING SAME**  
[54] **DISPOSITIF DE SECURITE COMPORTANT DE MULTIPLES ELEMENTS DE SECURITE ET PROCEDE DE FABRICATION CORRESPONDANT**  
[72] GARTNER, GERALD J., US  
[72] COTE, PAUL F., US  
[72] WOLPERT, GARY R., US  
[72] CURDO, STEPHEN B., US  
[71] TECHNICAL GRAPHICS SECURITY PRODUCTS, LLC., US  
[85] 2000-05-31  
[86] 1998-12-01 (PCT/US98/25471)  
[87] 1999-06-10 (WO99/28852)  
[30] US (60/067,228) 1997-12-02

[21] **2,312,392**  
[13] A1

[51] **Int.Cl. 6B32B 27/28 6C08L 29/04 6C08K 5/09 6C08K 3/32 6C08K 3/38**  
[25] EN  
[54] **MULTILAYER STRUCTURE AND PROCESS FOR PRODUCING THE SAME**  
[54] **STRUCTURE A MULTIPLES COUCHES ET PROCEDE DE PRODUCTION DE CETTE DERNIERE**  
[72] KAWAI, HIROSHI, JP  
[71] KURARAY CO., LTD., JP  
[85] 2000-05-31  
[86] 1999-10-05 (PCT/JP99/05465)  
[87] 2000-04-13 (WO00/20211)  
[30] JP (10/285010) 1998-10-07  
[30] JP (10/285011) 1998-10-07

[21] **2,312,393**  
[13] A1

[51] **Int.Cl. 6G02B 5/124**  
[25] EN  
[54] **MULTI-ORIENTATION RETROREFLECTIVE SHEET**  
[54] **FEUILLE RETROREFLECHISSANTE A ORIENTATIONS MULTIPLES**  
[72] NILSEN, ROBERT B., US  
[72] LU, XIAO JING, US  
[72] GAUER, GARY J., US  
[71] REFLEXITE CORPORATION, US  
[85] 2000-05-30  
[86] 1998-11-24 (PCT/US98/25138)  
[87] 1999-06-10 (WO99/28770)  
[30] US (08/980,707) 1997-12-01

[21] **2,312,394**  
[13] A1

[51] **Int.Cl. 6G01N 29/04**  
[25] EN  
[54] **MONITORING PIPES**  
[54] **SYSTEME DE SURVEILLANCE D'UNE PIPELINE**  
[72] GORMAN, MICHAEL, GB  
[72] HARPER, MARK FRANCIS LUCIEN, GB  
[71] NORTH WEST WATER LIMITED, GB  
[71] SEVERN TRENT WATER LIMITED, GB  
[71] THAMES WATER UTILITIES LIMITED, GB  
[85] 2000-05-31  
[86] 1998-12-10 (PCT/GB98/03701)  
[87] 1999-06-24 (WO99/31499)  
[30] GB (9726221.6) 1997-12-12

[21] **2,312,395**  
[13] A1

[51] **Int.Cl. 6A61F 2/38 6A61F 2/30**  
[25] EN  
[54] **METHOD AND APPARATUS FOR KNEE PROSTHESIS**  
[54] **TECHNIQUE ET APPAREILLAGE RELATIFS A UNE PROTHESE DU GENOU**  
[72] DENNIS, DOUGLAS A., US  
[72] KOMISTEK, RICHARD D., US  
[71] ROSE BIOMEDICAL RESEARCH, US  
[85] 2000-05-30  
[86] 1998-12-02 (PCT/US98/25507)  
[87] 1999-06-10 (WO99/27872)  
[30] US (08/982,363) 1997-12-02

[21] **2,312,396**  
[13] A1

[51] **Int.Cl. 6A61K 31/135 6A61K 31/27**  
[25] EN  
[54] **AGENTS FOR COMBATING NEOSPORA SPEC**  
[54] **AGENTS POUR LUTTER CONTRE NEOSPORA SPEC**  
[72] FEDTKE, CARL, DE  
[72] GREIF, GISELA, DE  
[72] LIEB, FOLKER, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-05-31  
[86] 1998-11-20 (PCT/EP98/07460)  
[87] 1999-06-10 (WO99/27923)  
[30] DE (197 53 504.6) 1997-12-03

[21] **2,312,397**  
[13] A1

[51] **Int.Cl. 6E05D 11/00 6E05D 7/04**  
[25] EN  
[54] **HINGES**  
[54] **CHARNIERES**  
[72] CHUNG, STANLEY HSIAO, TW  
[71] CHUNG, STANLEY HSIAO, TW  
[85] 2000-05-30  
[86] 1997-10-03 (PCT/GB97/02718)  
[87] 1999-04-15 (WO99/18316)

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[21] **2,312,398**  
[13] A1  
[51] **Int.Cl. 6C09J 7/02 6C09J 7/04**  
[25] EN  
[54] **SLIP RESISTANT ARTICLES**  
[54] **ARTICLES ANTIDERAPANTS**  
[72] KUMAR, RAMESH C., US  
[72] ALTSHULER, GORDON L., US  
[71] MINNESOTA MINING AND  
MANUFACTURING COMPANY, US  
[85] 2000-05-30  
[86] 1998-04-10 (PCT/US98/07516)  
[87] 1999-06-17 (WO99/29796)  
[30] US (08/989,099) 1997-12-11

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[21] **2,312,400**  
[13] A1  
[51] **Int.Cl. 6C08K 3/32 6C09K 11/08**  
**6B41M 5/26**  
[25] EN  
[54] **LASER MARKING OF**  
**PHOSPHORESCENT ARTICLES**  
[54] **MARQUAGE AU LASER**  
**D'ARTICLES PHOSPHORESCENTS**  
[72] FENG, KE, US  
[72] BODI, JERRY ALAN, US  
[71] M.A. HANNACOLOR, US  
[85] 2000-05-30  
[86] 1998-12-14 (PCT/US98/26478)  
[87] 1999-06-24 (WO99/31171)  
[30] US (08/991,705) 1997-12-16

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[21] **2,312,401**  
[13] A1  
[51] **Int.Cl. 6A63B 23/20**  
[25] EN  
[54] **PUBOCOCCYGEAL TRAINING**  
**BIOFEEDBACK DEVICE**  
[54] **DISPOSITIF DE RETROACTION**  
**MUSCULAIRE POUR LA**  
**REEDUCATION PUBO-COCCYGIENNE**  
[72] HOFFMAN, GARY L., US  
[72] HOSKINS, MATTHEW W., US  
[72] CLEM, WILLIAM E., US  
[72] WAX, MICHAEL S., US  
[72] MCCOY, WILLIAM G., US  
[72] BOILEAU, MICHEL A., US  
[72] MESAROS, ROBERT, US  
[71] DESCHUTES MEDICAL PRODUCTS,  
INC., US  
[85] 2000-05-30  
[86] 1998-11-05 (PCT/US98/23879)  
[87] 1999-06-10 (WO99/28002)  
[30] US (60/068,470) 1997-12-03  
[30] US (09/007,112) 1998-01-14

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[21] **2,312,404**  
[13] A1  
[51] **Int.Cl. 6C04B 7/44 6F27B 7/42**  
[25] EN  
[54] **CONTROL OF CEMENT CLINKER**  
**PRODUCTION BY ANALYSIS OF**  
**SULFUR CONTENT IN THE END**  
**PRODUCT**  
[54] **CONTROLE DE LA PRODUCTION**  
**DE CLINKER PAR L'ANALYSE DU**  
**SULFURE DANS LE PRODUIT FINI**  
[72] DOUMET, JOSEPH ELIAS, LB  
[71] CEMENT PETCOPTIMIZER  
COMPANY, US  
[85] 2000-05-30  
[86] 1998-12-02 (PCT/US98/25505)  
[87] 1999-06-10 (WO99/28261)  
[30] US (08/982,367) 1997-12-02

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[21] **2,312,405**  
[13] A1  
[51] **Int.Cl. 6C08L 95/00 6B65D 85/84**  
[25] EN  
[54] **PACKAGED ASPHALT**  
**CONTAINING FUME-REDUCING**  
**ADDITIVES AND METHOD OF**  
**PRODUCING SAME**  
[54] **ASPHALTE CONDITIONNE**  
**CONTENANT DES ADDITIFS DE**  
**REDUCTION DE FUMEE ET SON**  
**PROCEDE DE PRODUCTION**  
[72] MARZARI, JORGE A., US  
[72] VERMILION, DONN R., US  
[72] FRANZEN, MICHAEL R., US  
[72] TRUMBORE, DAVID C., US  
[72] KEATING, JAY W., US  
[72] BITSKY, THOMAS C., US  
[72] JANICKI, RICHARD T., US  
[72] SMITH, JEFFREY W., US  
[72] BLISS, RON S., US  
[71] OWENS CORNING, US  
[85] 2000-05-30  
[86] 1998-12-11 (PCT/US98/26365)  
[87] 1999-06-24 (WO99/31180)  
[30] US (08/990,012) 1997-12-12

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[21] **2,312,406**  
[13] A1  
[51] **Int.Cl. 6A61K 31/47 6C07C 231/02**  
**6C07C 327/42 6C07C 233/54 6C07D 215/**  
**56**  
[25] EN  
[54] **DRUGS AUGMENTING NKT**  
**CELLS**  
[54] **MEDICAMENTS AUGMENTANT**  
**LES CELLULES NKT**  
[72] MASUNAGA, TARO, JP  
[72] TSUJI, KIYOSHI, JP  
[72] SEKI, NOBUO, JP  
[72] TOJO, TAKASHI, JP  
[72] SPEARS, GLEN W., JP  
[72] SASAKAWA, YUKA, JP  
[71] FUJISAWA PHARMACEUTICAL  
CO., LTD., JP  
[85] 2000-05-30  
[86] 1998-12-11 (PCT/JP98/05604)  
[87] 1999-06-24 (WO99/30711)  
[30] JP (9/345409) 1997-12-15

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[21] **2,312,407**  
[13] A1  
[51] **Int.Cl. 6E05B 67/38 6E05B 67/24**  
[25] EN  
[54] **PADLOCK**  
[54] **CADENAS**  
[72] MATYKO, ADALBERT, IL  
[71] MUL-T-LOCK TECHNOLOGIES  
LTD., IL  
[85] 2000-05-30  
[86] 1998-11-16 (PCT/IL98/00557)  
[87] 1999-06-17 (WO99/29990)  
[30] IL (122509) 1997-12-08

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[21] **2,312,408**  
[13] A1

[51] **Int.Cl. 6C08G 18/48 6C08G 18/12 6C08G 18/66**  
[25] EN  
[54] **POLYURETHANE AND POLYURETHANE/UREA HEAT-CURED AND MOISTURE-CURED ELASTOMERS WITH IMPROVED PHYSICAL PROPERTIES**  
[54] **ELASTOMERES RETICULES PAR LA CHALEUR ET L'HUMIDITE A BASE DE POLYURETHANE ET DE POLYURETHYNE-UREE AUX PROPRIETES PHYSIQUES AMELIOREES**  
[72] LAWREY, BRUCE D., US  
[72] BARKSBY, NIGEL, US  
[72] CLIFT, SUSAN M., US  
[71] BAYER AG, US  
[85] 2000-05-30  
[86] 1998-11-16 (PCT/EP98/07307)  
[87] 1999-06-17 (WO99/29752)  
[30] US (08/985,712) 1997-12-05

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[21] **2,312,419**  
[13] A1

[51] **Int.Cl. 6C07D 487/04 6C07D 491/04 6C07D 495/04 6A61K 31/34 6A61K 31/38 6A61K 31/40 6A61K 31/415 6A61K 31/50**  
[25] EN  
[54] **NOVEL COMPOUNDS**  
[54] **NOUVEAUX COMPOSES**  
[72] COOPER, MARTIN, GB  
[72] PERRY, MATTHEW, GB  
[72] BANTICK, JOHN, GB  
[72] THORNE, PHILIP, GB  
[71] ASTRAZENECA UK LIMITED, GB  
[85] 2000-05-30  
[86] 1998-12-01 (PCT/SE98/02191)  
[87] 1999-06-17 (WO99/29695)  
[30] SE (9704542-1) 1997-12-05  
[30] SE (9801989-6) 1998-06-04

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[21] **2,312,420**  
[13] A1

[51] **Int.Cl. 6C07C 233/65 6A61K 31/16 6C07D 221/22 6A61K 31/40 6C07D 209/42 6A61K 31/44 6A61K 31/445 6C07D 213/82**  
[25] EN  
[54] **ADAMANTANE DERIVATIVES**  
[54] **DERIVES D'ADAMANTANE**  
[72] MORTIMORE, MICHAEL, GB  
[72] BAXTER, ANDREW, GB  
[72] MCINALLY, THOMAS, GB  
[72] CLADINGBOEL, DAVID, GB  
[71] ASTRAZENECA UK LIMITED, GB  
[85] 2000-05-30  
[86] 1998-12-01 (PCT/SE98/02188)  
[87] 1999-06-17 (WO99/29661)  
[30] SE (9704544-7) 1997-12-05

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[21] **2,312,421**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6B01L 3/00**  
[25] EN  
[54] **SURFACE TREATMENTS FOR DNA PROCESSING DEVICES**  
[54] **TRAITEMENTS DE SURFACE DESTINES A DES DISPOSITIFS DE TRAITEMENT D'ADN**  
[72] HENCK, STEVEN A., US  
[71] CURAGEN CORPORATION, US  
[85] 2000-05-30  
[86] 1998-11-17 (PCT/US98/24506)  
[87] 1999-06-10 (WO99/28504)  
[30] US (60/067,387) 1997-12-03  
[30] US (09/192,605) 1998-11-16

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[21] **2,312,422**  
[13] A1

[51] **Int.Cl. 6B61F 9/00**  
[25] EN  
[54] **GUIDE WHEEL ASSEMBLY**  
[54] **ENSEMBLE ROUES DE GUIDAGE**  
[72] STRUBELT, HOLGER, US  
[72] COOPER, WILLIAM K., US  
[72] SCHWALM, JEFFREY J., US  
[72] KRAUSE, RALF, DE  
[72] KUMMETER, STEFAN, DE  
[71] DAIMLER-CHRYSLER AG, DE  
[85] 2000-05-30  
[86] 1999-10-01 (PCT/US99/22795)  
[87] 2000-04-13 (WO00/20269)  
[30] US (60/102,799) 1998-10-02

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[21] **2,312,424**  
[13] A1

[51] **Int.Cl. 6H05B 37/00**  
[25] EN  
[54] **MULTI-DIMENSIONAL CONTROL OF ARRAYED LIGHTS TO PRODUCE SYNCHRONIZED DYNAMIC DECORATIVE PATTERNS OF DISPLAY, PARTICULARLY FOR FESTIVAL AND CHRISTMAS LIGHTS**  
[54] **COMMANDE MULTIDIMENSIONNELLE POUR LAMPES MONTEES EN MATRICE PERMETTANT DE PRODUIRE DES MOTIFS VISUELS DECORATIFS, DYNAMIQUES, SYNCHRONISES, NOTAMMENT POUR DES MANIFESTATIONS FESTIVES ET DES DECORATIONS DE NOEL**  
[72] OPENIANO, RENATO, US  
[71] OPENIANO, RENATO, US  
[85] 2000-05-30  
[86] 1997-12-03 (PCT/US97/22213)  
[87] 1999-06-10 (WO99/29141)

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[21] **2,312,425**  
[13] A1

[51] **Int.Cl. 6B05B 1/34 6F15D 1/06 6F15D 1/12**  
[25] EN  
[54] **DEVICE FOR INCREASING THE POWER OF MEDIA FLOWING ALONG A BODY AT A HIGH SPEED OR A VERY FAST MOVING BODY IN A MEDIUM AND USE THEREOF AS A HIGH PRESSURE NOZZLE**  
[54] **DISPOSITIF POUR AUGMENTER LA FORCE D'UN MILIEU S'ECOULANT RAPIDEMENT LE LONG D'UN CORPS OU DE CORPS SE DEPLACANT TRES RAPIDEMENT DANS UN MILIEU, UTILISE EN PARTICULIER EN TANT QUEBUSE HAUTE PRESSION**  
[72] LOEGEL, CHARLES, FR  
[71] MORTIZ, HELMUT, FR  
[71] LOEGEL, CHARLES, FR  
[85] 2000-05-30  
[86] 1999-02-23 (PCT/EP99/01168)  
[87] 1999-11-18 (WO99/58250)  
[30] DE (198 21 449.9) 1998-05-13

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[21] **2,312,426**  
[13] A1

[51] **Int.Cl. 6B01J 29/62 6B01J 37/02**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF CATALYSTS**  
[54] **PROCEDE DE PREPARATION DE CATALYSEURS**  
[72] FUKUNAGA, TETSUYA, JP  
[71] IDEMITSU KOSAN CO., LTD., JP  
[85] 2000-05-30  
[86] 1998-12-10 (PCT/JP98/05580)  
[87] 1999-06-17 (WO99/29422)  
[30] JP (339695/1997) 1997-12-10

[21] **2,312,427**  
[13] A1

[51] **Int.Cl. 6B22F 3/18 6B22F 5/08**  
[25] EN  
[54] **POINT CONTACT DENSIFICATION OF SINTERED METAL POWDER**  
[54] **DENSIFICATION PAR POINT DE CONTACT DE METAL PULVERULENT FRITTE**  
[72] JONES, PETER, CA  
[72] BUCKLEY-GOLDER, KEITH, CA  
[72] SARAFINCHAN, DERRICK, CA  
[71] STACKPOLE LIMITED, CA  
[85] 2000-05-30  
[86] 1998-12-01 (PCT/CA98/01112)  
[87] 1999-06-10 (WO99/28070)  
[30] US (08/982,428) 1997-12-02

[21] **2,312,428**  
[13] A1

[51] **Int.Cl. 7C04B 38/06 7B01D 39/20**  
[25] EN  
[54] **CERAMIC NETWORK, METHOD FOR THE PRODUCTION AND UTILIZATION THEREOF**  
[54] **RESEAU CERAMIQUE, SON PROCEDE DE PRODUCTION ET SON UTILISATION**  
[72] HEYMER, HEIKE, DE  
[72] STANDKE, GISELA, DE  
[72] ADLER, JORG, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSHUNG E.V., DE  
[85] 2000-05-31  
[86] 1998-11-30 (PCT/EP98/07711)  
[87] 1999-06-10 (WO99/28272)  
[30] DE (197 53 249.7) 1997-12-01

[21] **2,312,429**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07H 21/04 6C12P 19/34**  
[25] EN  
[54] **NUCLEIC ACID LIGAND DIAGNOSTIC BIOCHIP**  
[54] **BIOPUCE SERVANT AU DIAGNOSTIC D'UN LIGAND D'ACIDE NUCLEIQUE**  
[72] CREIGHTON, STEVE, US  
[72] GOLD, LARRY, US  
[72] GILL, STANLEY, US  
[72] JAYASENA, SUMEDHA, US  
[72] ZICHI, DOMINIC, US  
[72] DROLET, DANIEL, US  
[71] NEXSTAR PHARMACEUTICALS, INC., US  
[85] 2000-05-31  
[86] 1998-12-14 (PCT/US98/26515)  
[87] 1999-06-24 (WO99/31275)  
[30] US (08/990,436) 1997-12-15

[21] **2,312,430**  
[13] A1

[51] **Int.Cl. 7C07D 401/12 7A61P 11/06 7A61K 31/47**  
[25] EN  
[54] **N-OXIDES OF HETEROCYCLIC COMPOUNDS WITH TNF AND PDE-IV INHIBITING ACTIVITY**  
[54] **N-OXYDES DE COMPOSES HETEROCYCLIQUES AVEC ACTIVITE INHIBITRICE DE TNF ET PDE-IV**  
[72] DYKE, HAZEL JOAN, GB  
[72] MONTANA, JOHN GARY, GB  
[71] DARWIN DISCOVERY LIMITED, GB  
[85] 2000-05-30  
[86] 1999-11-02 (PCT/GB99/03628)  
[87] 2000-05-11 (WO00/26208)  
[30] GB (9824160.7) 1998-11-04

[21] **2,312,431**  
[13] A1

[51] **Int.Cl. 6C07D 207/16 6A61K 38/05 6C07K 5/06**  
[25] EN  
[54] **NEW COMPOUNDS**  
[54] **NOUVEAUX COMPOSES**  
[72] KARLSSON, OLLE, SE  
[72] NYSTROM, JAN-ERIK, SE  
[72] LINSCHOTEN, MARCEL, SE  
[71] ASTRAZENECA AB, SE  
[85] 2000-05-30  
[86] 1998-12-01 (PCT/SE98/02187)  
[87] 1999-06-17 (WO99/29664)  
[30] SE (9704543-9) 1997-12-05

[21] **2,312,464**  
[13] A1

[51] **Int.Cl. 6A61K 33/04 6A61K 38/06 6A61K 38/44**  
[25] EN  
[54] **ORAL ANTIOXIDANT PREPARATION COMPRISING SELENIUM AND REDUCED GLUTATHIONE**  
[54] **PREPARATION ANTIOXYDANTE ORALE COMPRENANT DU SELENIUM ET DU GLUTATHION REDUIT**  
[72] HERSCH, THEODORE, US  
[72] HERSCH, REBECCA, US  
[71] THIONE INTERNATIONAL, INC., US  
[85] 2000-05-31  
[86] 1998-12-01 (PCT/US98/25439)  
[87] 1999-06-10 (WO99/27941)  
[30] US (08/982,058) 1997-12-01

[21] **2,312,465**  
[13] A1

[51] **Int.Cl. 6C21B 13/06 6C21B 13/10 6F27B 9/18**  
[25] EN  
[54] **METHOD FOR PRODUCING DIRECTLY REDUCED IRON IN A LAYERED FURNACE**  
[54] **PROCEDE DE PRODUCTION DE FER DIRECTEMENT REDUIT DANS UN FOUR A ETAGES**  
[72] FRIEDEN, ROMAIN, LU  
[72] HANSMANN, THOMAS, DE  
[72] SOLVI, MARC, LU  
[71] PAUL WURTH S.A., LU  
[85] 2000-05-31  
[86] 1998-12-09 (PCT/EP98/08005)  
[87] 1999-06-17 (WO99/29910)  
[30] LU (90182) 1997-12-10  
[30] LU (90206) 1998-01-29  
[30] LU (90212) 1998-02-04

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[21] **2,312,466**  
[13] A1

[51] **Int.Cl. 7B01D 39/00 7B01D 39/08 7B32B 5/14**  
[25] EN  
[54] **PRODUCTION METHOD FOR MULTILAYER FILTER MATERIAL AND MULTILAYER FILTER MATERIAL**  
[54] **PROCEDE DE PRODUCTION D'UNE MATIERE FILTRANTE MULTICOUCHE ET MATIERE FILTRANTE MULTICOUCHE**  
[72] LINDBLAD, KAJ, FI  
[72] SORVARI, JUHA, FI  
[71] WALKISOFT FINLAND OY, FI  
[85] 2000-05-31  
[86] 1999-09-23 (PCT/FI99/00781)  
[87] 2000-04-13 (WO00/20095)  
[30] FI (982127) 1998-10-01

[21] **2,312,468**  
[13] A1

[51] **Int.Cl. 6A61M 5/32 6A61M 31/00**  
[25] EN  
[54] **CATHETER SYSTEM OF SPECIFIED DEAD SPACE FOR THE DELIVERY OF A LOW VOLUME LIQUID BOLUS**  
[54] **SYSTEME DE CATHETER A ESPACE MORT SPECIFIE UTILE POUR L'ADMINISTRATION D'UN BOLUS DE LIQUIDE DE FAIBLE VOLUME**  
[72] ELLIS, LOUIS, US  
[72] HENDRICKSON, GARY L., US  
[72] MICKLEY, TIMOTHY J., US  
[72] HEKTNER, THOMAS R., US  
[71] SCIMED LIFE SYSTEMS, INC., US  
[85] 2000-05-31  
[86] 1998-11-30 (PCT/US98/25405)  
[87] 1999-06-10 (WO99/27985)  
[30] US (08/982,220) 1997-12-01  
[30] US (09/138,131) 1998-08-21

[21] **2,312,469**  
[13] A1

[51] **Int.Cl. 6G06F 11/34 6G06F 9/46**  
[25] EN  
[54] **METHOD AND APPARATUS FOR IMPLEMENTING COUNTERS IN A SYSTEM WITH LIMITED PRIMARY MEMORY**  
[54] **PROCEDE ET DISPOSITIF DE MISE EN OEUVRE DE COMPTEURS DANS UN SYSTEME A MEMOIRE PRIMAIRE LIMITEE**  
[72] GLITHO, ROCH, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-05-31  
[86] 1998-11-20 (PCT/SE98/02107)  
[87] 1999-06-10 (WO99/28825)  
[30] US (08/980,732) 1997-12-01

[21] **2,312,470**  
[13] A1

[51] **Int.Cl. 6H04N 9/12 6H04N 17/04 6H04N 9/31**  
[25] EN  
[54] **METHOD AND DEVICE FOR ADJUSTING ONE OR MORE PROJECTORS**  
[54] **PROCEDE ET DISPOSITIF POUR L'AJUSTEMENT D'UN OU PLUSIEURS PROJECTEURS**  
[72] THIELEMANS, ROBBIE, BE  
[71] BARCO N.V., BE  
[85] 2000-05-31  
[86] 1998-12-01 (PCT/BE98/00186)  
[87] 1999-06-10 (WO99/29116)  
[30] BE (9700971) 1997-12-01

[21] **2,312,475**  
[13] A1

[51] **Int.Cl. 6A61K 38/17**  
[25] EN  
[54] **METHOD OF SUPPRESSING .BETA.-AMYLOID-RELATED CHANGES IN ALZHEIMER'S DISEASE**  
[54] **PROCEDES DE SUPPRESSION DES MODIFICATIONS LIEES AUX .BETA.-AMYLOIDES DANS LA MALADIE D'ALZHEIMER**  
[72] WEINER, HOWARD L., US  
[72] SELKOE, DENNIS J., US  
[71] BRIGHAM AND WOMEN'S HOSPITAL, US  
[85] 2000-05-31  
[86] 1998-12-03 (PCT/US98/25694)  
[87] 1999-06-10 (WO99/27949)  
[30] US (60/067,219) 1997-12-03  
[30] US (60/079,697) 1998-03-27

[21] **2,312,479**  
[13] A1

[51] **Int.Cl. 6C08G 69/44**  
[25] EN  
[54] **POLYETHER ESTER AMIDES**  
[54] **POLYETHERESTERAMIDES**  
[72] SCHULZ-SCHLITTE, WOFANG, DE  
[72] VOIGT, MICHAEL, DE  
[72] TIMMERMANN, RALF, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-05-31  
[86] 1998-11-20 (PCT/EP98/07458)  
[87] 1999-06-10 (WO99/28371)  
[30] DE (197 53 532.1) 1997-12-03  
[30] DE (197 53 534.8) 1997-12-03

[21] **2,312,480**  
[13] A1

[51] **Int.Cl. 6E21B 47/00 6G01V 1/40**  
[25] EN  
[54] **METHOD TO DETERMINE SELF-CALIBRATED CIRCUMFERENTIAL CASED BOND IMPEDANCE**  
[54] **PROCEDE DE MESURE L'IMPEDANCE AUTO ETALONNEE DE JOINTS TUBES CIRCONFERENCELLEMENT**  
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[72] MANDAL, BATAKRISHNA, US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2000-05-31  
[86] 1998-12-04 (PCT/US98/25866)  
[87] 1999-06-24 (WO99/31354)  
[30] US (08/992,608) 1997-12-17

[21] **2,312,481**  
[13] A1

[51] **Int.Cl. 6B60R 16/02**  
[25] EN  
[54] **INTERIOR TRIM PANEL AND ELECTRICAL HARNESS APPARATUS FOR AN AUTOMOTIVE VEHICLE**  
[54] **PANNEAU DE GARNISSAGE INTERIEUR ET HARNAIS ELECTRIQUE POUR UN VEHICULE AUTOMOBILE**  
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[72] MORGAN, ROBERT G., US  
[72] MAUE, H. WINSTON, US  
[72] RODDY, TIMOTHY S., US  
[71] LEAR AUTOMOTIVE DEARBORN, INC., US  
[85] 2000-05-31  
[86] 1998-07-02 (PCT/US98/14008)  
[87] 1999-06-10 (WO99/28161)  
[30] US (08/980,643) 1997-12-01

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[21] **2,310,953**  
[13] A1

[51] **Int.Cl. 7G08C 23/04**  
[25] EN  
[54] **UNIVERSAL REMOTE CONTROL SYSTEM**  
[54] **SYSTEME UNIVERSEL DE TELECOMMANDE**  
[72] DARBEE, PAUL V., US  
[71] UNIVERSAL ELECTRONICS, INC., US  
[22] 1990-09-24  
[43] 1992-03-25  
[62] 2,092,003

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[21] **2,311,478**  
[13] A1

[51] **Int.Cl. 7B60C 15/00 7B60C 17/01 7B60C 5/20**  
[25] EN  
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[54] **RENFORT POUR PNEU SANS CHAMBRE ET METHODE D'ASSEMBLAGE**  
[72] ZELEZNIK, JOHN DAVID, US  
[72] JOHENNING, CHRISTOPHER PAUL, US  
[72] SCHMALIX, CHARLES KENNETH, US  
[72] STUCKER, JOHN GREGORY, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 1992-09-09  
[43] 1994-01-11  
[62] 2,077,801  
[30] US (912,958) 1992-07-10

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[21] **2,311,684**  
[13] A1

[51] **Int.Cl. 7C07K 14/535 7C07K 17/08**  
[25] EN  
[54] **CHEMICALLY-MODIFIED G-CSF**  
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[72] OKADA, YUJI, JP  
[72] ISHIKAWA, RIKA, JP  
[71] KIRIN-AMGEN, INC., US  
[22] 1989-12-22  
[43] 1990-06-22  
[62] 2,006,596  
[30] JP (324747/88) 1998-12-22  
[30] JP (199176/89) 1989-07-31

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[21] **2,311,704**  
[13] A1

[51] **Int.Cl. 7A61M 5/315 7F16B 37/00**  
[25] EN  
[54] **TILTABLE NUT**  
[54] **ECROU AJUSTABLE**  
[72] KLITMOSE, LARS PETER, DK  
[72] NIELSEN, PREBEN BROSKOV, DK  
[72] HANSEN, JOHN THRANE, DK  
[72] ANDERSEN, HENRIK, DK  
[71] NOVO NORDISK A/S, DK  
[22] 1998-06-15  
[43] 1998-12-23  
[62] 2,294,638  
[30] DK (0706/97) 1997-06-17  
[30] US (60/050,993) 1997-06-19

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[21] **2,311,753**  
[13] A1

[51] **Int.Cl. 7B32B 27/10 7D21H 19/22 7B32B 31/30 7B32B 27/32 7B65D 81/34**  
[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  
[71] MITSUI CHEMICALS, INC., JP  
[22] 1990-04-12  
[43] 1990-10-17  
[62] 2,014,460  
[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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GARDNER, LYLE	2,298,364	HONG, KYUNG-SOO	2,279,819	KONIG, MATTHIAS	2,297,694
GATTI & PICCOLO S.R.L.	2,298,265	HOUDE, Christian	2,261,326	KREMSKE, RANDALL G.	2,298,163
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