

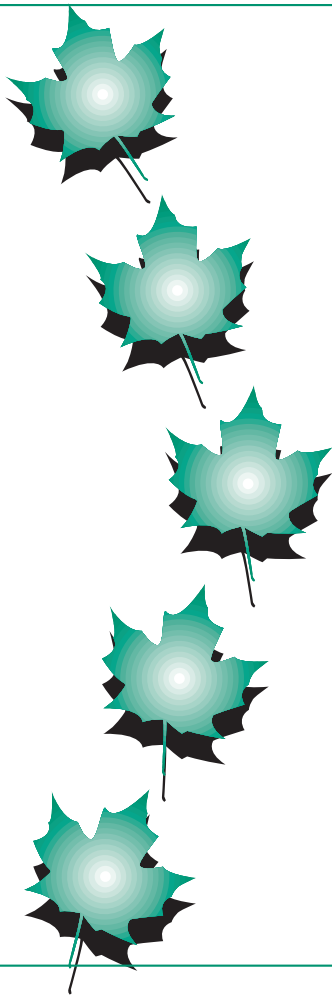


**Canadian  
Intellectual Property  
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d'Industrie Canada



**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

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**Canada**



# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

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). D'après nos statistiques de nombreux clients utilisent la version électronique. Nous avons récemment modifié le format électronique de la Gazette afin d'améliorer la vitesse de téléchargement. Les utilisateurs ont désormais le choix entre télécharger le document en entier ou des sections individuelles. Les éditions courantes sont publiées tous les mardis et les numéros antérieurs (d'avril 1999 jusqu'à maintenant) sont aussi disponibles.

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

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

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

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

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## Notices

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

#### Dates

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

A complete list of country codes has been published in the October 26, 1999 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. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 26 octobre 1999 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

## 3. Liste des classes canadiennes

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

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

## 4. Listes et définitions des classes

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

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

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

### A) Copies sur papier

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

## Notices

Paper copies of all Canadian Patents and Canadian Laid-Open Applications can be purchased at a cost of eight dollars (\$8) per copy plus estimated postage and taxes. Copies of these patents are available by writing or calling: Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

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

E-mail: tic@micromedia.on.ca

### B) Microform Copies

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

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

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

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

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

A charge of eight dollars (\$8) per paper copy, or four dollars (\$4) per microfiche copy, plus postage and taxes, will apply to copies of all patents supplied.

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Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public sont disponibles au coût de huit dollars (8 \$) par copie, plus l'affranchissement et les taxes. Il suffit d'écrire à Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

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Courriel: tic@micromedia.on.ca

### B) Copies en microforme

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

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

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

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

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

### 7. Advice on Making a Patent Application

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

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

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

### 8. Licensing of Patents

#### Voluntary Licences

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

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

#### Licences librement accordées

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

#### Compulsory Licences

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

#### Licences obligatoires

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

### 9. Patents Available for Licence or Sale

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

### 9. Brevets disponibles pour licence ou vente

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

## Notices

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

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

2,019,327	2,061,889	2,152,314	2,156,538
2,210,763	2,237,377		

### 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. 1,142,300 which issued on February 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:

2,019,327	2,061,889	2,152,314	2,156,538
2,210,763	2,237,377		

### 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 février 1983 sont maintenant expirés, jusque et y compris le no. 1,142,300. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

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

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

### 13. Langue du document publié

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



## Avis

### 14. Patent Cooperation Treaty (PCT)

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

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

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

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

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

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

#### **Preliminary Examination**

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

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

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

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

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

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

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

#### **Examen préliminaire**

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

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

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

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

## Notices

### 15. PCT Notices

#### PCT Signature Requirements

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

#### Patent Cooperation Treaty (PCT)

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

#### New member states

On March 8, 2000, **Algeria** (country code: **DZ**) will become the 105th contracting State of the PCT at both the Chapter I and II levels.

On March 17, 2000, **Antigua and Barbuda** (country code: **AG**) will become the 106th contracting State of the PCT at both the Chapter I and II levels.

### 16. Errata

Reference to the grant of the following application in the Canadian Patent Office Record of June 15, 1999 was in error. No patent was issued under this number.

2,044,329

### 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>.

#### Nouveaux états membres

Le 8 mars 2000, l'**Algérie**(code du pays: **DZ**) deviendra le 105<sup>ième</sup> pays membre des États contractants du PCT au niveau des Chapitres I et II.

Le 17 mars 2000, **Antigua-et-Barbuda** (code du pays: **AG**) deviendra le 106<sup>ième</sup> pays membre des États contractants du PCT au niveau des Chapitres I et II.

### 16. Errata

Les renseignements fournis sous le numéro de la demande suivante, dans la Gazette du bureau des brevets du 15 juin 1999, étaient erronés. Aucun brevet n'a été émi sous ce numéro.

2,044,329

## Avis

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

The Patent Office Record of February 29, 2000 contains laid-open applications from February 6, 2000 to February 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 février 2000 au 12 février 2000.

# Canadian Patents Issued

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RESIN MATERIAL CUTTING  
ASSEMBLY  
[54] COUPEAU POUR MACHINE A  
COUPER LES TORONS ET LES  
RESINES  
[72] Hoshi, Tadaichi, JP  
[73] KABUSHIKI KAISHA HOSHI  
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[22] 1991-06-19  
[30] JP (2-161978) 1991-06-20  
[30] JP (3-95089) 1991-04-25

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[11] 2,046,739  
[13] C  
[51] Int.Cl. 5A61K 9/24  
[25] EN  
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FORM HAVING RELEASABILITY IN  
LARGE INTESTINE  
[54] FORME POSOLOGIQUE SOLIDE  
ENROBEE A LIBERATION DANS LE  
COLON  
[72] Sekigawa, Fujio, JP  
[72] Onda, Yoshiro, JP  
[73] SHIN-ETSU CHEMICAL CO., LTD.,  
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[22] 1991-07-10  
[30] JP (2-182157) 1990-07-10

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[11] **2,047,376**  
[13] C

[51] **Int.Cl. 5A47J 31/54 5F24H 1/20**  
[25] EN  
[54] **DEVICE FOR SUPPLYING  
BOILING WATER**  
[54] **DISPOSITIF D'ALIMENTATION  
EN EAU BOUILLANTE**  
[72] Peteri, Henri Bernard, NL  
[72] Peteri, Niels Theodoor, NL  
[73] Peteri, Henri Bernard, NL  
[73] Peteri, Niels Theodoor, NL  
[22] 1991-07-18  
[30] NL (9001631) 1990-07-18

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[11] **2,047,377**  
[13] C

[51] **Int.Cl. 5C07C 69/86 5G02F 1/133  
5C09K 19/42 5C07C 323/62 5C07C 69/94**  
[25] EN  
[54] **LIQUID CRYSTAL RACEMIC  
MIXTURE, LIQUID CRYSTAL  
COMPOSITION AND LIQUID  
CRYSTAL ELEMENT, PROCESS FOR  
MANUFACTURING LIQUID CRYSTAL  
ELEMENT, AND USES OF LIQUID  
CRYSTAL ELEMENT**  
[54] **CRISTAL LIQUIDE A MELANGE  
RACEMIQUE, COMPOSITION DE  
CRISTAL LIQUIDE ET ELEMENT DE  
CRISTAL LIQUIDE; PROCEDE DE  
FABRICATION ET UTILISATIONS**  
[72] Shimizu, Toyoji, JP  
[72] Taniguchi, Katsuo, JP  
[72] Nishiyama, Shinichi, JP  
[72] Miyakoshi, Shoichi, JP  
[72] Yamanaka, Tooru, JP  
[72] Doi, Nobuyuki, JP  
[72] Hama, Hideo, JP  
[73] MITSUI CHEMICALS, INC., JP  
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[30] JP (190984/1990) 1990-07-19  
[30] JP (190985/1990) 1990-07-19  
[30] JP (190986/1990) 1990-07-19  
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[30] JP (207082/1990) 1990-08-03  
[30] JP (207083/1990) 1990-08-03

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[11] **2,049,647**  
[13] C

[51] **Int.Cl. 5B21D 28/36**  
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[54] **PUNCH PRESS AND A TOOL  
MAGAZINE FOR THE PRESS**  
[54] **PRESSE A DECOUPER AVEC  
MAGASIN D'OUTILS**  
[72] Hirata, Tadashi, JP  
[72] Matsuda, Morikatsu, JP  
[73] Amada Company, Limited, JP  
[22] 1991-08-21  
[30] JP (2-218940) 1990-08-22  
[30] JP (3-010029) 1991-01-30  
[30] JP (3-051758) 1991-07-04  
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[11] **2,049,965**  
[13] C

[51] **Int.Cl. 5A01N 53/00 5A01N 25/02**  
[25] EN  
[54] **PYRETHROID FORMULATIONS  
OF REDUCED PARESTHESIA**  
[54] **FORMULATIONS DE  
PYRETHROIDES A PROPRIETES  
PARESTHESIQUES REDUITES**  
[72] Fersch, Kenneth Eugene, US  
[73] ZENECA INC., US  
[85] 1991-07-30  
[86] 1990-01-26 (PCT/US90/00575)  
[87] (WO90/08467)  
[30] US (07/303,357) 1989-01-30

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[11] **2,050,072**  
[13] C

[51] **Int.Cl. 5C12N 15/88 5A61K 9/127**  
[25] EN  
[54] **LIPOSOME FOR ENTRAPPING  
GENE, LIPOSOMAL PREPARATION  
AND PROCESS FOR THE  
MANUFACTURE OF THE  
PREPARATION**  
[54] **LIPOSOME POUR PIEGER UN  
GENE, PREPARATION A BASE DE  
LIPOSOME ET PROCEDE DE  
FABRICATION DE CETTE  
PREPARATION**  
[72] Yagi, Kunio, JP  
[72] Noda, Hitoshi, JP  
[72] Ohishi, Nobuko, JP  
[72] Kurono, Masayasu, JP  
[73] Kabushiki Kaisha Vitamin Kenkyusyo,  
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[11] **2,051,246**  
[13] C

[51] **Int.Cl. 5B05B 15/06 5B05C 15/00  
5B05D 1/02**  
[25] EN  
[54] **APPARATUS FOR MOUNTING  
AND MOVING COATING DISPENSERS**  
[54] **APPAREIL POUR MONTER ET  
BOUGER LES ATOMISEURS  
D'ENDUITS**  
[72] Shutic, Jeffrey R., US  
[72] Holland, Robert J., US  
[72] Carlson, John F., US  
[73] NORDSON CORPORATION, US  
[22] 1991-09-12  
[30] US (594,320) 1990-10-09

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[11] **2,051,661**  
[13] C

[51] **Int.Cl. 5B65G 69/04**  
[25] FR  
[54] **APPAREILLAGE POUR LE  
REMPLISSAGE D'UN RECIPIENT PAR  
UN PRODUIT SOLIDE DIVISE**  
[54] **APPARATUS FOR FILLING A  
CONTAINER WITH DIVIDED SOLID  
PRODUCT**  
[72] Poussin, Bernard, FR  
[72] Lumbroso, Daniel, FR  
[73] INSTITUT FRANCAIS DU PETROLE,  
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[85] 1991-10-09  
[86] 1990-04-19 (PCT/FR90/00284)  
[87] (WO90/12746)  
[30] FR (89/05780) 1989-04-27  
[30] FR (89/10287) 1989-07-27  
[30] FR (89/13469) 1989-10-12

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[11] **2,056,667**  
[13] C

[51] **Int.Cl. 5H04N 5/38**  
[25] EN  
[54] **IMAGE PICK-UP DEVICE**  
[54] **DISPOSITIF DE SAISIE D'IMAGES**  
[72] Nakamura, Kenichi, JP  
[73] CANON KABUSHIKI KAISHA, JP  
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[13] C  
[51] **Int.Cl. 6G01N 27/403 6G05D 21/02 6G05D 11/13**  
[25] EN  
[54] **COMPONENT SENSOR FOR MOLTEN METALS**  
[54] **DETECTEUR D'ELEMENT POUR METAUX EN FUSION**  
[72] Yamaguchi, Shu, JP  
[72] Fukatsu, Norihiko, JP  
[72] Kimura, Hideo, JP  
[73] YAMARI SANGYO KABUSHIKIKAISHA, JP  
[22] 1991-12-27  
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[11] **2,059,085**  
[13] C  
[51] **Int.Cl. 5H02K 21/36**  
[25] EN  
[54] **HIGH POWER ELECTRICAL MACHINERY WITH TOROIDAL PERMANENT MAGNETS**  
[54] **MACHINE ELECTRIQUE A GRANDE PUISSANCE MUNIE D'AIMANTS TOROIDAUX PERMANENTS**  
[72] Leupold, Herbert A., US  
[73] THE GOVERNMENT OF THE UNITED STATES, AS REPRESENTED BY THE SECRETARY OF, US  
[22] 1992-01-09  
[30] US (07/650,845) 1991-02-05

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[11] **2,059,545**  
[13] C  
[51] **Int.Cl. 5G01N 1/06**  
[25] EN  
[54] **METHOD OF AND AN APPARATUS FOR SECTIONING A SPECIMEN**  
[54] **METHODE ET APPAREIL PERMETTANT DE DECOUPER UN SPECIMEN**  
[72] Persson, Algy, SE  
[73] GLASS ULTRA MICRO TRADING COMPANY, SE  
[85] 1992-02-05  
[86] 1990-08-15 (PCT/SE90/00527)  
[87] (WO91/02960)  
[30] SE (8902751-0) 1989-08-16

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[11] **2,061,687**  
[13] C  
[51] **Int.Cl. 5H04L 5/14 5G06F 13/14**  
[25] EN  
[54] **DETERMINING PHYSICAL TOPOLOGY ACROSS REPEATERS AND BRIDGES IN A COMPUTER NETWORK**  
[54] **DETERMINATION DE LA TOPOLOGIE PHYSIQUE DES REPETEURS ET DES PONTS D'UN RESEAU INFORMATIQUE**  
[72] Black, Chuck A., US  
[73] Hewlett-Packard Company, US  
[22] 1992-02-21  
[30] US (693,980) 1991-04-30

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[11] \* **2,061,889**  
[13] C  
[51] **Int.Cl. 5B65H 75/04**  
[25] EN  
[54] **JUMPER CABLE WINDING REEL**  
[54] **CYLINDRE D'ENROULEMENT POUR CABLE DE JONCTION**  
[72] Drudik, Arnie, CA  
[73] Drudik, Arnie, CA  
[22] 1992-02-26

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[11] **2,062,433**  
[13] C  
[51] **Int.Cl. 5A61L 29/00 5A61M 25/00**  
[25] EN  
[54] **MEDICAL TUBE**  
[54] **TUBE MEDICAL**  
[72] Matsumoto, Takashi, JP  
[72] Tsujikawa, Hajime, JP  
[72] Hayashi, Shunichi, JP  
[72] Kondo, Satoru, JP  
[72] Utsumi, Atsushi, JP  
[72] Kaide, Tamotsu, JP  
[73] Mitsubishi Cable Industries, Ltd., JP  
[73] Nissho Corporation, JP  
[73] MITSUBISHI JUKOGYO KABUSHIKI KAISHA, JP  
[73] Mitsubishi Corporation, JP  
[22] 1992-03-05  
[30] JP (69344/1991) 1991-03-08

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[11] **2,063,617**  
[13] C  
[51] **Int.Cl. 5G01R 11/36**  
[25] EN  
[54] **INDUCTION WATT HOUR METER ROTARY DISC MOUNTING AND BEARING SYSTEM**  
[54] **SYSTEME DE SUPPORT ET DE MONTAGE A DISQUES ROTATIFS POUR WATTHEURE-METRE A INDUCTION**  
[72] Hartman, Marinus, CA  
[72] Roig, Alain, CA  
[72] Howell, Chesley R., CA  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[22] 1992-03-20

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[11] **2,064,001**  
[13] C  
[51] **Int.Cl. 5G08B 13/24**  
[25] EN  
[54] **ACTIVATABLE/DEACTIVATABLE SECURITY TAG FOR USE WITH AN ELECTRONIC SECURITY SYSTEM**  
[54] **ETIQUETTE ACTIVABLE ET DESACTIVABLE DESTINEE AUX SYSTEMES DE SECURITE ELECTRONIQUE**  
[72] Rode, France, US  
[72] Piccoli, Anthony F., US  
[73] CHECKPOINT SYSTEMS, INC., US  
[85] 1991-12-30  
[86] 1991-05-29 (PCT/US91/03798)  
[87] (WO92/00578)  
[30] US (544,703) 1990-06-27

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[11] **2,067,149**  
[13] C  
[51] **Int.Cl. 5F04B 43/12**  
[25] EN  
[54] **MISLOADED IV TUBE DETECTOR FOR AN IV PUMP**  
[54] **DETECTEUR DE CATHETER INTRA VEINEUX MAL POSE POUR UNE POMPE INTRA VEINEUSE**  
[72] D'Silva, Edmund D., US  
[73] BAXTER INTERNATIONAL INC., US  
[85] 1992-04-08  
[86] 1991-08-15 (PCT/US91/05798)  
[87] (WO92/03658)  
[30] US (572,054) 1990-08-23

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[11] **2,077,753**  
[13] C

[51] **Int.Cl. 6C07K 14/15 5A61K 39/21 6C07K 1/36**  
[25] EN  
[54] **PURIFIED GP120 COMPOSITION RETAINING NATURAL CONFORMATION**  
[54] **COMPOSITION A BASE DE GP120 PURIFIE CONSERVANT SA CONFORMATION NATURELLE**  
[72] Haigwood, Nancy L., US  
[72] Scandella, Carl, US  
[73] Chiron Corporation, US  
[85] 1992-09-08  
[86] 1991-03-08 (PCT/US91/01484)  
[87] (WO91/13906)  
[30] US (490,858) 1990-03-09

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[11] **2,079,609**  
[13] C

[51] **Int.Cl. 5G03G 15/16**  
[25] EN  
[54] **INTERMEDIATE TRANSFER MEMBER**  
[54] **MEMBRE DE TRANSFERT INTERMEDIAIRE**  
[72] Fletcher, Gerald M., US  
[73] XEROX CORPORATION, US  
[22] 1992-10-01  
[30] US (805743) 1991-12-12

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[11] **2,082,113**  
[13] C

[51] **Int.Cl. 5G01W 1/14 5G01W 1/10**  
[25] EN  
[54] **ATMOSPHERIC PRECIPITATION COLLECTOR AND METHOD OF EMPLOYING SAME**  
[54] **COLLECTEUR DE PRECIPITATIONS ATMOSPHERIQUES ET METHODE D'UTILISATION CONNEXE**  
[72] Waite, Donald T., CA  
[72] Banner, James A., CA  
[73] Majesty (Her) in right of Canada as Represented by the Minister of the, CA  
[22] 1992-11-04

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[11] **2,083,291**  
[13] C

[51] **Int.Cl. 6D01D 5/12 6D01D 5/08 6D01F 6/62**  
[25] EN  
[54] **MELT SPINNING OF ULTRA-ORIENTED CRYSTALLINE FILAMENTS**  
[54] **FILAGE PAR FUSION DES FILAMENTS CRYSTALLINS A ORIENTATION PARTICULIERE**  
[72] Cuculo, John A., US  
[72] Tucker, Paul A., US  
[72] Chen, Gao-Yuan, US  
[72] Lundberg, Ferdinand, US  
[73] North Carolina State University, US  
[85] 1992-11-18  
[86] 1991-05-15 (PCT/US91/03384)  
[87] (WO91/18133)  
[30] US (525,874) 1990-05-18

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[11] **2,086,474**  
[13] C

[51] **Int.Cl. 5C09K 5/04**  
[25] EN  
[54] **MIXED FLUOROCARBON REFRIGERANTS**  
[54] **FRIGORIGENES FLUOROCARBONES MIXTES**  
[72] Seino, Toshio, JP  
[72] Yosioka, Masanov, JP  
[73] Dairei Co., Ltd., JP  
[73] Susumu Kurita, JP  
[22] 1992-12-30  
[30] JP (4-48704) 1992-03-05

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[11] **2,087,185**  
[13] C

[51] **Int.Cl. 5F24F 13/06 5A47B 97/00**  
[25] EN  
[54] **MICRO CLIMATE DEVICE FOR DESKS**  
[54] **APPAREIL DE REGULATION DE MICROCLIMAT POUR POSTE DE TRAVAIL**  
[72] Wyon, David, SE  
[72] Larsson, Stefan, SE  
[73] Wyon, David, SE  
[73] Larsson, Stefan, SE  
[85] 1993-01-12  
[86] 1991-07-08 (PCT/SE91/00481)  
[87] (WO92/01893)  
[30] SE (9002485-2) 1990-07-23

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[13] C

[51] **Int.Cl. 5C12P 21/08 5A61K 49/02 5C12N 5/18 5A61K 39/395 5A61K 47/48 5G01N 33/574 5G01N 33/577**  
[25] EN  
[54] **MONOCLONAL ANTIBODIES FOR DETECTION AND TREATMENT OF CANCER**  
[54] **ANTICORPS MONOCLONAUX POUR LA DETECTION ET LE TRAITEMENT DUE CANCER**  
[72] Willingham, Mark C., US  
[72] Chang, Kai, US  
[72] Pastan, Ira H., US  
[73] United States of America, represented by the, US  
[85] 1993-04-13  
[86] 1991-10-09 (PCT/US91/07227)  
[87] (WO92/07081)  
[30] US (596,291) 1990-10-12

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[11] **2,094,119**  
[13] C

[51] **Int.Cl. 5A61L 33/00 5A61F 2/06 5C08J 7/06 5C09D 127/12**  
[25] EN  
[54] **FLUORINATING POLYMER SURFACES**  
[54] **SURFACES POLYMERIQUES FLUOREES**  
[72] Paton, Duncan McMillan, GB  
[72] Ashton, Timothy Rawden, GB  
[72] Maini, Roshan, GB  
[73] Vascutek Limited, GB  
[85] 1993-04-15  
[86] 1991-12-09 (PCT/GB91/02180)  
[87] (WO92/10532)  
[30] GB (9026687.5) 1990-12-07

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[11] **2,094,836**  
[13] C

[51] **Int.Cl. 6F25D 25/02**  
[25] EN  
[54] **MOLDED REFRIGERATOR SHELF WITH SNAP-IN SLIDE**  
[54] **CLAYETTE MOULEE POUR REFRIGERATEUR**  
[72] Herrmann, Robert S., US  
[72] Wolters, Gregory T., US  
[72] Gilbert, Donald C., US  
[72] Kane, Edmund J., US  
[73] Gemtron Corporation, US  
[22] 1993-04-26  
[30] US (07/912,778) 1992-07-13

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[13] C  
[51] **Int.Cl. 5B65D 47/16 5B65D 47/40**  
[25] EN  
[54] **POUR SPOUT  
BEC VERSEUR**  
[72] Thiermann, John H., US  
[72] Ruppel, Paul R., US  
[73] Briggs & Stratton Corporation, US  
[22] 1993-05-04  
[30] US (879,787) 1992-05-06

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[11] **2,096,091**  
[13] C  
[51] **Int.Cl. 5C08L 83/04**  
[25] EN  
[54] **AQUEOUS DISPERSIONS OF  
ORGANOPOLYSILOXANES  
DISPERSIONS AQUEUSES DE  
SILICONES**  
[72] Braun, Rudolf, DE  
[72] Braunsperger, Karl, DE  
[72] Sollradl, Herbert, DE  
[72] Oberneder, Stefan, DE  
[72] Braunsperger, Robert, DE  
[73] Wacker-Chemie GmbH, DE  
[22] 1993-05-12  
[30] DE (P 42 17 561.5) 1992-05-27

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[11] **2,097,101**  
[13] C  
[51] **Int.Cl. 5B21D 11/02 5B05D 7/24**  
[25] EN  
[54] **GRIPPER MEANS FOR  
STRETCHER LEVELER APPARATUS  
DISPOSITIF DE SERRAGE POUR  
MACHINE DE PLANAGE PAR  
ETIRAGE**  
[72] Holloway, Bertram A., US  
[73] Holloway, Bertram A., US  
[22] 1993-05-27  
[30] US (893,671) 1992-06-05

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[11] **2,099,990**  
[13] C  
[51] **Int.Cl. 5E04B 2/74 5E04B 5/48**  
[25] EN  
[54] **UTILITY PANEL SYSTEM  
SYSTEME DE CLOISON**  
[72] Hodges, Ronald R., US  
[72] Weller, George V., US  
[73] Steelcase Inc., US  
[85] 1993-07-06  
[86] 1992-01-09 (PCT/US92/00155)  
[87] (WO92/12300)  
[30] US (639,513) 1991-01-10

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[11] **2,100,592**  
[13] C  
[51] **Int.Cl. 5B60H 1/00 5B61D 27/00**  
[25] FR  
[54] **DISPOSITIF ET PROCEDE DE  
SUPPRESSION DES VARIATIONS  
BRUTALES DE PRESSION DANS LES  
VEHICULES, EN PARTICULIER DANS  
LES VEHICULES TERRESTRES  
DEVICE AND METHOD FOR  
SUPPRESSING SADDEN PRESSURE  
FLUCTUATIONS IN VEHICLES, IN  
PARTICULAR IN SURFACE  
TRANSPORT VEHICLES**  
[72] Girard, Hervé, FR  
[72] Peube, Jean-Laurent, FR  
[72] Gervais, Yves, FR  
[73] GEC Alsthom Transport SA, FR  
[22] 1993-07-15  
[30] FR (92 08 798) 1992-07-16

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[11] **2,101,996**  
[13] C  
[51] **Int.Cl. 6G01S 17/88 6G01C 3/00  
6G01S 17/06**  
[25] EN  
[54] **VALIDATION OF OPTICAL  
RANGING OF A TARGET SURFACE IN  
A CLUTTERED ENVIRONMENT  
VALIDATION DES OPERATIONS  
DE TELEMETRIE OPTIQUE SUR UNE  
CIBLE NOYEE DANS UN FOUILIS  
D'ECHOS**  
[72] Blais, Francois, CA  
[73] NATIONAL RESEARCH COUNCIL  
OF CANADA, CA  
[22] 1993-08-05  
[30] US (925,457) 1992-08-11

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[11] **2,103,240**  
[13] C  
[51] **Int.Cl. 5C03B 7/09**  
[25] EN  
[54] **GLASS FEEDERS  
DISPOSITIFS D'ALIMENTATION  
EN VERRE POUR FOUR DE VERRERIE**  
[72] Stanley, George Michael, GB  
[73] BH-F (Engineering) Limited, GB  
[85] 1993-11-16  
[86] 1992-05-18 (PCT/GB92/00895)  
[87] (WO92/20630)  
[30] GB (9110807.6) 1991-05-17

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[11] **2,104,552**  
[13] C  
[51] **Int.Cl. 5B29C 53/20**  
[25] EN  
[54] **COLLAPSING FRAME FOR  
MOVING TUBES OF PLASTIC  
MATERIAL  
CADRE A EFFONDREMENT POUR  
TUBES EN MOUVEMENT  
CONTENANT DES SUBSTANCES EN  
PLASTIQUE**  
[72] Planeta, Mirek, CA  
[73] Planeta, Mirek, CA  
[22] 1993-08-20  
[30] US (07/945,781) 1992-09-16

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[11] **2,106,831**  
[13] C  
[51] **Int.Cl. 5F16D 67/04**  
[25] EN  
[54] **COUPLING ASSEMBLY  
COUPLEUR**  
[72] Collins, Marcus Howard, US  
[73] EATON CORPORATION, US  
[22] 1993-09-23  
[30] US (963,568) 1992-10-19

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[11] **2,115,843**  
[13] C  
[51] **Int.Cl. 5G06F 15/46**  
[25] EN  
[54] **COMPUTER-CONTROLLED  
CIRCUIT BREAKER ENERGY  
MANAGEMENT ARRANGEMENT  
HAVING RELIABLE MEMORY AND  
CLOCK  
DISPOSITIF DE GESTION DE  
L'ENERGIE A COUPE-CIRCUIT  
COMMANDES PAR ORDINATEUR  
MUNI D'UNE MEMOIRE ET D'UNE  
HORLOGE FIABLES**  
[72] Reid, Drew A., US  
[72] Wittrock, Martin J., US  
[72] Bilas, Ronald J., US  
[73] SQUARE D COMPANY, US  
[85] 1994-02-16  
[86] 1993-06-17 (PCT/US93/05839)  
[87] (WO94/00823)  
[30] US (07/901,058) 1992-06-19

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[11] **2,117,119**  
[13] C

[51] **Int.Cl. 5H01J 37/304 5H01L 21/70**  
[25] EN  
[54] **METHOD AND STRUCTURE FOR ELECTRONICALLY MEASURING BEAM PARAMETERS**  
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[73] ETEC SYSTEMS, INC., US  
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[72] Melvin, Lawrence Sherman Jr., US  
[72] Reiter, Lawrence Alan, US  
[72] Ruggeri, Sally Gut, US  
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[86] 1992-10-13 (PCT/US92/08555)  
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[30] US (890,055) 1992-05-28

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[54] **RESEAU A DISTRIBUTION AUTOMATIQUE DES APPELS DOTE D'UN SYSTEME POUR EMPECHER LE DEBORDEMENT DES APPELS**  
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[72] Adams, David J., US  
[72] Harbuziuk, Wayne L., US  
[73] ROCKWELL INTERNATIONAL CORPORATION, US  
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[72] Vantoever, J. Wayne, CA  
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[13] C

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[25] EN  
[54] **METHOD AND APPARATUS FOR CONTROLLING FUME HOOD FACE VELOCITY USING VARIABLE BY-PASS RESISTANCE**  
[54] **METHODE ET DISPOSITIF POUR REGULARISER LA VITESSE FRONTALE DANS UNE HOTTE DE LABORATOIRE PAR VARIATION DE LA RESISTANCE DE DERIVATION**  
[72] Jacob, Steven D., US  
[72] Coogan, James J., US  
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[54] **COMPOUND TRANSMISSION HAVING FOUR SPEED AUXILIARY CONSTRUCTION**  
[54] **BOITE DE VITESSES A RELAIS MECANIQUE AVEC TRAINS D'ENGRENAGES AUXILIAIRES A QUATRE RAPPORTS**  
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[54] **BOITE DE VITESSES A RELAIS MECANIQUE A DEUX REPARTITEURS DE COUPLE**  
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[73] EATON CORPORATION, US  
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[54] **ALIMENTATION DE SECOURS**  
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[73] VTech Communications Ltd., HK  
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[54] **SCOROTRON ACCORDABLE SERVANT A PRODUIRE UN POTENTIEL DE CHARGE UNIFORME**  
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[54] **RONDELLES DE GARNITURE, MODE DE FABRICATION CONNEXE ET DISPOSITIF D'ETANCHEITE MUNI DE CES RONDELLES**  
[72] Naitou, Kazumasa, JP  
[72] Naito, Shosuke, JP  
[72] Ueda, Takahisa, JP  
[72] Fujiwara, Masaru, JP  
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[54] **BOITIER, FICHE FEMELLE ET FICHE MALE POUR CIRCUIT INTEGRE**  
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[73] CONEXANT SYSTEMS, INC., US  
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[54] **APPAREIL POUR PRODUIRE DES PARTICULES D'UNE SUBSTANCE ACTIVE INHALABLE**  
[72] Heide, Helmut, DE  
[72] Hugemann, Bernhard, DE  
[72] Pabst, Joachim, DE  
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[87] (WO93/24165)  
[30] DE (P 42 17 787.1) 1992-05-29

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[51] **Int.Cl. 5H04L 9/14**  
[25] EN  
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[54] **APPAREIL ET METHODE POUR PROTEGER LES SYSTEMES DE COMMUNICATION**  
[72] Nachman, Jacob B., IL  
[72] Tsuria, Yossef, IL  
[73] News Datacom Ltd., GB  
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[25] EN  
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[54] **DISPOSITIF DE REPROFILAGE IN SITU DE RAILS**  
[72] Jaeggi, Jean-Pierre, CH  
[73] Speno International SA, CH  
[22] 1994-12-12  
[30] CH (497/94) 1994-02-18

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[51] **Int.Cl. 5B22D 17/24 5B22D 17/22**  
[25] EN  
[54] **PROCESS FOR CASTING PIPE WITH TRANSVERSAL HOLES, CASTING DIE FOR THE SAME AND CASTING PRODUCT OBTAINABLE BY THE SAME**  
[54] **PROCEDE DE COULAGE DE TUYAUX AVEC TROUS TRANSVERSAUX; LA FILIERE CORRESPONDANTE ET LE PRODUIT AINSI OBTENU**  
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[72] Karaki, Mitsuhiko, JP  
[72] Yoshida, Shinichi, JP  
[72] Kadono, Hidehiko, JP  
[72] Ota, Atsushi, JP  
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[25] EN  
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[72] Rosborough, Keith A., US  
[73] Labinal Components and Systems, Inc., US  
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[51] **Int.Cl. 6C11D 11/02**  
[25] EN  
[54] **DETERGENT COMPOSITION AND PROCESS FOR ITS PRODUCTION**  
[54] **COMPOSITION DETERGENTE ET METHODE DE PREPARATION**  
[72] Karpusiewicz, William M., US  
[72] Goldman, Andra J., US  
[72] Hsu, Feng-Lung G., US  
[72] Irwin, Charles F., US  
[73] UNILEVER PLC, GB  
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[11] **2,144,602**  
[13] C  
[51] **Int.Cl. 6B21D 39/00 6B23K 26/00 6B23K 31/02**  
[25] EN  
[54] **HONEYCOMB CORE STRUCTURE AND METHOD AND APPARATUS RELATING THERETO**  
[54] **STRUCTURE DE BASE EN NID D'ABEILLES ET APPAREIL S'Y RAPPORTANT**  
[72] Johnson, Jeffrey Don, US  
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[54] **CONTENEUR**  
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[73] JOHN DANIEL CONTAINERS  
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[13] C

[51] **Int.Cl. 6A61M 5/168 6A61M 5/46**  
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INJECTABLE MATERIALS**  
[54] **DISPOSITIF DE DISTRIBUTION  
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[72] Kurjan, Christine M., US  
[72] Droste, Amy M., US  
[72] Feuhrer, James J., US  
[72] Fisher, Robert J., US  
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[51] **Int.Cl. 6A61M 37/00 6A61K 38/28  
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[25] EN  
[54] **PATCH-TYPE DEVICE FOR  
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POUR L'ADMINISTRATION  
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[87] (WO94/13989)  
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[13] C

[51] **Int.Cl. 6C08J 9/28 6A61L 15/24**  
[25] EN  
[54] **THIN-UNTIL-WET ABSORBENT  
FOAM MATERIALS FOR AQUEOUS  
BODY FLUIDS AND PROCESS FOR  
MAKING SAME**  
[54] **MATERIAU ALVEOLAIRE  
ABSORBANT POUR LIQUIDES  
BIOLOGIQUES AQUEUX,  
DEMEURANT NON EXPANSE  
LORSQUE SEC, ET PROCEDE DE  
FABRICATION CONNEXE**  
[72] Young, Gerald Alfred, US  
[72] Seiden, Paul, US  
[72] Goldman, Stephen Allen, US  
[72] Retzsch, Herbert Louis, US  
[72] Dyer, John Collins, US  
[72] Desmarais, Thomas Allen, US  
[72] Lavon, Gary Dean, US  
[72] Stone, Keith Joseph, US  
[72] Taylor, Gregory Wade, US  
[73] THE PROCTER & GAMBLE  
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[86] 1993-11-26 (PCT/US93/11498)  
[87] (WO94/13704)  
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[13] C

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FOAM MATERIALS FOR AQUEOUS  
BODY FLUIDS AND PROCESS FOR  
MAKING SAME**  
[54] **MATERIAU ALVEOLAIRE  
ABSORBANT POUR LIQUIDES  
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[72] Seiden, Paul, US  
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[25] EN  
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[54] **METHODE ET APPAREIL  
D'IMAGERIE HEMISPHERIQUE**  
[72] Baker, Robert Grover, US  
[72] Kettler, Kevin, US  
[72] Suarez, Gustavo Armando, US  
[72] Uplinger, Kenneth Allen, US  
[72] Freedenberg, Candace Joy Flattery, US  
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[22] 1995-06-21  
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COMPRESSED MEMORY PAGES**  
[54] **GESTION MEMOIRE DES PAGES  
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[72] Slayden, Glenn C., US  
[73] MICROSOFT CORPORATION, US  
[85] 1995-06-26  
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[13] C

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[54] **LAMPE A DECHARGE REFROIDIE  
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[54] **FORME ACIDE CRISTALLISEE LIBRE DE CEFTIOFUR**  
[72] Dunn, Michael J., US  
[72] Bergren, Michael S., US  
[72] Hardee, Gregory E., US  
[72] Shephard, Kenneth Paul, US  
[72] Chao, Robert S., US  
[72] Havens, Jeffrey L., US  
[73] PHARMACIA & UPJOHN COMPANY, US  
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[87] (WO94/20505)  
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[13] C

[51] **Int.Cl. 6G02B 26/00 6H04B 10/12**  
[25] EN  
[54] **OPTICAL SWITCHING DEVICE**  
[54] **DISPOSITIF OPTIQUE DE COMMUTATION**  
[72] Smiley, John Omar, CA  
[73] JDS FITEL INC., CA  
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[25] EN  
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[54] **PROCEDE DE PRODUCTION D'UN FORMULAIRE IMPRIME, ET DISPOSITIF CONNEXE**  
[72] Dauer, Horst, DE  
[72] Feller, Bernhard, DE  
[72] Franz-Burgholz, Arnim, DE  
[72] Götting, Josef, DE  
[73] MAN ROLAND DRUCKMASCHINEN AG, DE  
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[13] C

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[25] EN  
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[54] **INTERRUPTEUR MULTIFONCTION ET DEL DE RETROACTION POUR SYSTEMES A ARRET DEGRADE**  
[72] Crump, Dwayne Thomas, US  
[72] Pancoast, Steven Taylor, US  
[72] Norris, Duane Edward, US  
[72] Benson, Paul Harrison, IV, US  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
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[13] C

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[25] EN  
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[54] **METHODE DE MONTAGE SOUS PRESSION DE PIECES D'ASSEMBLAGE**  
[72] Luckhardt, Wolfgang, DE  
[72] Luckhardt, Christoph Heinrich (deceased), DE  
[73] MULTIFASTENER CORPORATION, US  
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[13] C

[51] **Int.Cl. 6B41J 15/04 6B41J 11/00 6B41J 2/48**  
[25] EN  
[54] **ROLL PAPER TERMINAL END DETECTING UNIT AND METHOD**  
[54] **DETECTEUR DE FIN DE ROULEAU DE PAPIER, ET METHODE CONNEXE**  
[72] Yoshida, Naoki, JP  
[72] Tamura, Toshiharu, JP  
[73] Altech Company Limited, JP  
[22] 1995-10-31  
[30] JP (6-268802) 1994-11-01

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[13] C

[51] **Int.Cl. 6C10G 45/14**  
[25] EN  
[54] **HYDROCARBON PROCESSING APPARATUS AND METHOD**  
[54] **APPAREIL ET METHODE DE TRAITEMENT DES HYDROCARBURES**  
[72] Devanathan, Narasimhan, US  
[72] McKnight, Craig A., CA  
[72] VanderHeyden, William B., US  
[72] Hackman, Larry P., CA  
[72] Klomans, Peter J., US  
[72] Skwarok, Robert W., CA  
[73] CANADIAN OIL SANDS INVESTMENTS INC., CA  
[73] BP AMOCO CORPORATION, US  
[73] PETRO-CANADA, CA  
[73] AEC OIL SANDS LIMITED PARTNERSHIP, CA  
[73] GULF CANADA RESOURCES LIMITED, CA  
[73] AEC OIL SANDS L.P., CA  
[73] MURPHY OIL COMPANY LTD., CA  
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[73] ATHABASCA OIL SANDS INVESTMENTS INC., CA  
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[13] C

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[25] EN  
[54] **CURVED GRATING SURFACE-EMITTING DISTRIBUTED FEEDBACK LASER**  
[54] **LASER A RETROACTION REPARTIE ET A EMISSION PAR LA SURFACE POURVU D'UN RESEAU DE DIFFRACTION INCURVE**  
[72] Macomber, Steven H., US  
[73] RAYTHEON COMPANY, US  
[85] 1995-12-18  
[86] 1995-04-18 (PCT/US95/04864)  
[87] (WO95/28756)  
[30] US (08/229,493) 1994-04-19

[11] **2,165,572**  
[13] C

[51] **Int.Cl. 6B41J 2/335 6B41J 2/375**  
[25] EN  
[54] **THERMAL HEAD APPARATUS**  
[54] **TETE THERMIQUE**  
[72] Fukushima, Itaru, JP  
[73] NEC CORPORATION, JP  
[22] 1995-12-18  
[30] JP (316728/1994) 1994-12-20

[11] **2,166,051**  
[13] C

[51] **Int.Cl. 6H01F 13/00 6A61J 1/14**  
[25] EN  
[54] **MAGNETIZED FLUID VESSEL**  
[54] **RECIPIENT AIMANTE A LIQUIDES**  
[72] Oratz, Ben, US  
[73] Oratz, Ben, US  
[22] 1995-12-22  
[30] US (364,806) 1994-12-27

[11] **2,166,053**  
[13] C

[51] **Int.Cl. 6A61F 13/46**  
[25] EN  
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[72] Schmidt, Mattias, DE  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1995-12-22  
[86] 1994-06-27 (PCT/US94/07203)  
[87] (WO95/01147)  
[30] EP (93305150.0) 1993-06-30  
[30] EP (93309614.1) 1993-12-01

[11] **2,166,353**  
[13] C

[51] **Int.Cl. 6H03L 7/00**  
[25] EN  
[54] **VOLTAGE CONTROLLED OSCILLATOR**  
[54] **OSCILLATEUR COMMANDE PAR VARIATION DE TENSION**  
[72] Chau, Raymond, CA  
[73] ATI TECHNOLOGIES INC., CA  
[22] 1995-12-29  
[30] US (08/366,922) 1994-12-30

[11] **2,166,895**  
[13] C

[51] **Int.Cl. 6H04L 9/08 6H04L 9/28**  
[25] FR  
[54] **PROCEDE POUR PRODUIRE UNE CLE COMMUNE DANS DEUX DISPOSITIFS EN VUE DE METTRE EN OEUVRE UNE PROCEDURE CRYPTOGRAPHIQUE COMMUNE, ET APPAREIL ASSOCIE**  
[54] **METHOD FOR THE PRODUCTION OF A KEY COMMON TO TWO DEVICES FOR IMPLEMENTING A COMMON CRYPTOGRAPHIC PROCEDURE AND ASSOCIATED APPARATUS**  
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[72] Dawirs, Michel, BE  
[72] Moulart, Yves, BE  
[73] CP8 TRANSAC, FR  
[85] 1996-01-09  
[86] 1995-05-09 (PCT/FR95/00607)  
[87] (WO95/30976)  
[30] FR (94/05883) 1994-05-10

[11] **2,167,271**  
[13] C

[51] **Int.Cl. 6A61F 13/56**  
[25] EN  
[54] **ABSORBENT ARTICLES HAVING FIXED LENGTH UNDERGARMENT COVERING COMPONENTS THAT AUTOMATICALLY WRAP THE SIDES OF UNDERGARMENTS**  
[54] **ARTICLES ABSORBANTS MUNIS DE PARTIES ENVELOPPANTES LATERALES DE LONGUEUR FIXE, QUI AUTOMATIQUEMENT RECOUVRENT LES BORDS DE CES ARTICLES**  
[72] Weinberger, Eric Patton, US  
[72] Hammons, John Lee, US  
[72] Lampson, Patricia Lee, US  
[72] Linman, E. Kelly, US  
[72] Bamber, Jeffrey Vincent, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-01-15  
[86] 1994-07-22 (PCT/US94/08255)  
[87] (WO95/03023)  
[30] US (08/096,121) 1993-07-22  
[30] US (08/124,180) 1993-09-20

[11] **2,167,273**  
[13] C

[51] **Int.Cl. 6A61F 13/56**  
[25] EN  
[54] **ABSORBENT ARTICLES HAVING UNDERGARMENT COVERING COMPONENTS PRE-DISPOSED TO AUTOMATICALLY WRAP THE SIDES OF UNDERGARMENTS**  
[54] **ARTICLES ABSORBANTS MUNIS DE PARTIES ENVELOPPANTES LATERALES, PRETES A RECOUVRIRE AUTOMATIQUEMENT LES BORDS DE CES ARTICLES**  
[72] Osborn, Thomas Ward III, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-01-15  
[86] 1994-07-22 (PCT/US94/08256)  
[87] (WO95/03024)  
[30] US (08/096,121) 1993-07-22  
[30] US (08/124,180) 1993-09-20



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[11] 2,167,376  
[13] C

[51] **Int.Cl. 6A61F 13/56**  
[25] EN  
[54] **ABSORBENT ARTICLES HAVING OVERLAPPING UNDERGARMENT COVERING COMPONENTS THAT AUTOMATICALLY WRAP THE SIDES OF UNDERGARMENTS**  
[54] **ARTICLES ABSORBANTS AVEC ELEMENTS RECOUVRANT AUTOMATIQUEMENT LES COTES D'UN SOUS-VETEMENT**  
[72] Hammons, John Lee, US  
[72] Lampson, Patricia Lee, US  
[72] Osborn, Thomas Ward III, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-01-16  
[86] 1994-07-20 (PCT/US94/08187)  
[87] (WO95/03022)  
[30] US (08/096,121) 1993-07-22  
[30] US (08/124,180) 1993-09-20

[11] 2,168,207  
[13] C

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **ABSORBENT ARTICLE HAVING COMPOSITE ELASTICIZED MEMBER**  
[54] **ARTICLE ABSORBANT COMPORTANT UN ELEMENT ELASTIQUE COMPOSITE**  
[72] Curro, John Joseph, US  
[72] Wolf, Scot G., US  
[72] King, Willie, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-01-26  
[86] 1994-08-04 (PCT/US94/08855)  
[87] (WO95/05793)  
[30] US (08/112,014) 1993-08-25

[11] 2,168,878  
[13] C

[51] **Int.Cl. 6C07K 14/79 6C07K 1/18 6G01N 33/68**  
[25] EN  
[54] **QUANTITATION OF CARBOHYDRATE DEFICIENT TRANSFERRIN IN HIGH ALCOHOL CONSUMPTION BY HPLC**  
[54] **DOSAGE DE LA CDT PAR CLHP DANS LE CAS DE FORTES CONSOMMATIONS D'ALCOOL**  
[72] Jeppsson, Jan Olof, SE  
[73] BIOLIN MEDICAL AB, SE  
[85] 1996-02-05  
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[87] (WO95/04932)  
[30] SE (9302573-2) 1993-08-06

[11] 2,169,179  
[13] C

[51] **Int.Cl. 6C07D 403/14 6C07D 403/04 6C07D 401/14 6A61K 31/44 6A61K 31/505 6A61K 31/53**  
[25] EN  
[54] **5-ARYLINDOLE DERIVATIVES**  
[54] **DERIVES DU 5-ARYLINDOLE**  
[72] Macor, John E., US  
[73] PFIZER INC., US  
[85] 1996-02-08  
[86] 1994-07-04 (PCT/IB94/00195)  
[87] (WO95/06636)  
[30] US (08/115,282) 1993-08-31

[11] 2,170,493  
[13] C

[51] **Int.Cl. 6A61F 13/15 6A61F 13/56**  
[25] EN  
[54] **ABSORBENT ARTICLE HAVING ELASTIC PLEAT**  
[54] **ARTICLE ABSORBANT COMPORTANT UNE PARTIE PLISSEE ELASTIQUE**  
[72] Taylor, JoAnn Lee, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-02-27  
[86] 1994-09-23 (PCT/US94/10809)  
[87] (WO95/08972)  
[30] US (08/129,534) 1993-09-29

[11] 2,171,651  
[13] C

[51] **Int.Cl. 6A47C 7/40**  
[25] EN  
[54] **MECHANISM TO ADJUST THE HEIGHT OF A BACK SUPPORT OF A CHAIR**  
[54] **MECANISME DE REGLAGE DE LA HAUTEUR DU DOSSIER D'UNE CHAISE**  
[72] Miotto, Beniamino, IT  
[73] Miotto International Company, US  
[22] 1996-03-13  
[30] IT (TB95U000016) 1995-03-21

[11] 2,172,594  
[13] C

[51] **Int.Cl. 6B01D 35/28 6G03D 13/00 6B01D 35/02**  
[25] EN  
[54] **STRAINER**  
[54] **TAMIS**  
[72] Nakashima, Yoshihiko, JP  
[73] Noritsu Koki Co., Ltd., JP  
[22] 1996-03-25  
[30] JP (7-85340) 1995-04-11

[11] 2,172,757  
[13] C

[51] **Int.Cl. 6H04L 12/56 6H04L 29/02**  
[25] EN  
[54] **AVAILABLE BIT RATE SCHEDULER**  
[54] **DISPOSITIF D'ORDONNANCEMENT DE TRANSMISSIONS DE CELLULES**  
[72] Wong, David Walden, CA  
[72] Radhakrishnan, Sivakumar, CA  
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[11] **2,173,431**  
[13] C

[51] **Int.Cl. 6B65H 21/00 6B29C 65/02 6B65H 19/18**  
[25] EN  
[54] **METHOD AND APPARATUS FOR HEAT SPLICING THERMOPLASTIC FILM**  
[54] **PROCEDE ET APPAREIL POUR COLLER THERMIQUEMENT DES BANDES DE FILM THERMOPLASTIQUE**  
[72] Emenaker, Ralph Robert, US  
[72] Perez, Richard, US  
[72] Burkart, Louis Paul, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-04-03  
[86] 1994-09-29 (PCT/US94/11061)  
[87] (WO95/09794)  
[30] US (08/132,393) 1993-10-05

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[11] **2,174,167**  
[13] C

[51] **Int.Cl. 6B41F 23/04**  
[25] EN  
[54] **APPARATUS FOR PREVENTING CONDENSATION IN MACHINES PROCESSING A WEB OF MATERIAL**  
[54] **APPAREIL SERVANT A EMPECHER LA CONDENSATION DANS LES MACHINES SERVANT AU TRAITEMENT DE BANDES DE MATERIAU**  
[72] Kiefaber, Drew E., US  
[72] Rummeler, Jeffrey R., US  
[73] HEIDELBERGER DRUCKMASCHINEN AG, DE  
[22] 1996-04-15  
[30] US (08/427775) 1995-04-25

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[11] **2,174,886**  
[13] C

[51] **Int.Cl. 6G01S 11/02 6G08B 13/22**  
[25] EN  
[54] **PROXIMITY ALARM SYSTEM**  
[54] **SYSTEME D'ALARME DE PROXIMITE**  
[72] Sala, Nicola R., CA  
[72] Sala, Rocco L., CA  
[73] Sala, Nicola R., CA  
[73] Sala, Rocco L., CA  
[22] 1996-04-24  
[30] US (08/430232) 1995-04-28

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[11] **2,175,941**  
[13] C

[51] **Int.Cl. 6H03M 1/66**  
[25] EN  
[54] **DIGITAL-TO-ANALOG CONVERTER (DAC) AND METHOD THAT PRODUCE AN APPROXIMATELY PIECEWISE LINEAR ANALOG WAVEFORM**  
[54] **CONVERTISSEUR NUMERIQUE-ANALOGIQUE ET METHODE PRODUISANT UNE FORME D'ONDE ANALOGIQUE LINEAIRE PAR MORCEAUX APPROXIMATIVE**  
[72] Essenwanger, Kenneth A., US  
[73] RAYTHEON COMPANY, US  
[22] 1996-05-07  
[30] US (08/443,995) 1995-05-18

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[11] **2,176,048**  
[13] C

[51] **Int.Cl. 6F42B 10/66**  
[25] EN  
[54] **MISSILE JET VANE CONTROL SYSTEM AND METHOD**  
[54] **CLAPET DE MISSILE AUTOREGULE ET METHODE CORRESPONDANTE**  
[72] Hatalsky, William M., US  
[72] Facciano, Andrew B., US  
[72] Haight, Stephen D., US  
[72] Johnson, Sean A., US  
[72] Jordan, Aszetta D., US  
[73] RAYTHEON COMPANY, US  
[22] 1996-05-08  
[30] US (08/452,211) 1995-05-26

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[11] **2,176,439**  
[13] C

[51] **Int.Cl. 6B65B 11/02**  
[25] EN  
[54] **APPARATUS FOR WRAPPING ARTICLES IN PLASTIC FILM**  
[54] **MACHINE A ENVELOPPER SOUS PELLICULE PLASTIQUE**  
[72] Turfan, Faruk M., CA  
[72] Boyer, Normand, CA  
[72] Oleksy, Thomas M., US  
[73] NEWTEC INTERNATIONAL (Societe Anonyme), FR  
[22] 1996-05-13  
[30] US (08/482,909) 1995-06-08

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[11] **2,176,799**  
[13] C

[51] **Int.Cl. 6B65B 13/02 6B65B 13/30**  
[25] EN  
[54] **COMPACT HAND OPERATED PNEUMATIC STRAPPING TOOL**  
[54] **OUTIL PNEUMATIQUE COMPACT, PORTABLE, POUR LE CERCLAGE**  
[72] Crittenden, David, US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 1996-05-16  
[30] US (08/509,356) 1995-07-31

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[11] **2,177,748**  
[13] C

[51] **Int.Cl. 6G01V 3/02 6G01V 3/00 6G01V 3/06**  
[25] EN  
[54] **LOW COST LASER RANGE FINDER SYSTEM ARCHITECTURE**  
[54] **ARCHITECTURE DE SYSTEME DE TELEMETRIE LASER A COUT MODIQUE**  
[72] Nourrcier, Charles E., Jr., US  
[73] RAYTHEON COMPANY, US  
[22] 1996-05-30  
[30] US (08/476,922) 1995-06-07

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[11] **2,178,494**  
[13] C

[51] **Int.Cl. 6C08J 9/32 6B32B 7/12 6B32B 5/18 6C08J 9/22**  
[25] EN  
[54] **REUSABLE RESILIENT GASKET AND METHOD FOR USING SAME**  
[54] **JOINT RESILIENT REUTILISABLE ET METHODE D'UTILISATION DE CE JOINT**  
[72] Dauber, Edwin G., US  
[72] Hubis, Daniel E., US  
[72] McGregor, Gordon L., US  
[72] Minor, Raymond B., US  
[72] Mortimer, William P., Jr., US  
[73] W. L. Gore & Associates, Inc., US  
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[86] 1994-05-04 (PCT/US94/04910)  
[87] (WO95/04910)  
[30] US (08/186,368) 1994-01-24

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[11] 2,179,672  
[13] C

[51] Int.Cl. 6A22C 11/00  
[25] EN  
[54] METHOD OF LINKING A STRAND OF UNCASSED COEXTRUDED MEAT EMULSION PRODUCT  
[54] METHODE POUR LIER UN BRIN DE PRODUIT D'EMULSION DE VIANDE COEXTRUDE  
[72] Kobussen, Jos, US  
[72] Kobussen, Mart, US  
[72] Kobussen, Jaap, US  
[73] TOWNSEND ENGINEERING COMPANY, US  
[22] 1996-06-21  
[30] US (08/515,674) 1995-08-16

[11] 2,180,597  
[13] C

[51] Int.Cl. 6B01J 20/16 6B01D 53/02  
[25] EN  
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[54] PROCEDE DE SEPARATION PAR ADSORPTION DE L'AZOTE PRESENT DANS UN MELANGE GAZEUX  
[72] Ojo, Adeola F., US  
[72] Fitch, Frank R., US  
[72] Bülow, Martin, US  
[73] The BOC Group, Inc., US  
[22] 1996-07-05  
[30] US (08/515,184) 1995-08-11

[11] 2,181,521  
[13] C

[51] Int.Cl. 6C09D 127/12  
[25] EN  
[54] WATER REPELLENT COMPOSITION, FLUOROCARBON POLYMER COATING COMPOSITION AND COATING FILM THEREFROM  
[54] COMPOSITION HYDROFUGE; COMPOSITION DE REVETEMENT A BASE DE POLYMERE DE FLUOROCARBURE; PELLICULE DE REVETEMENT DERIVEE  
[72] Takai, Kenichi, JP  
[72] Saito, Hiroyuki, JP  
[72] Yamauchi, Goro, JP  
[72] Takazawa, Hisayoshi, JP  
[72] Imori, Yasutaka, JP  
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[30] JP (204,073/1995) 1995-07-19

[11] 2,181,781  
[13] C

[51] Int.Cl. 6H04N 7/173  
[25] EN  
[54] TELEVISION SYSTEM FOR PROVIDING INTERACTIVE TELEVISION PROGRAMS AND SERVER SYSTEM FOR CONSTRUCTING THE TELEVISION SYSTEM  
[54] SYSTEME DE TELEVISION A PROGRAMMES INTERACTIFS ET SERVEUR ANNEXE  
[72] Iwafune, Seiji, JP  
[72] Takeda, Masahito, JP  
[72] Takada, Toshiyuki, JP  
[72] Miura, Isamu, JP  
[73] Kabushiki Kaisha Toshiba, JP  
[22] 1996-07-22  
[30] JP (7-190728) 1995-07-26  
[30] JP (7-321702) 1995-12-11  
[30] JP (7-321704) 1995-12-11  
[30] JP (8-057532) 1996-03-14

[11] 2,182,207  
[13] C

[51] Int.Cl. 6A61K 39/39 6A61K 39/275  
[25] EN  
[54] PARAMUNITY INDUCER BASED ON COMBINATIONS OF POXVIRUS COMPONENTS, PROCESS TO PREPARE IT AND ITS USE AS MEDICAMENT  
[54] INDUCTEUR DE PARA-IMMUNITE BASE SUR DES COMBINAISONS DE CONSTITUANTS DE POXVIRUS, SON PROCEDE DE PREPARATION ET SON UTILISATION EN TANT QUE MEDICAMENT  
[72] Mayr, Anton, DE  
[73] Mayr, Anton, DE  
[85] 1996-07-26  
[86] 1995-01-17 (PCT/EP95/00160)  
[87] (WO95/22978)  
[30] DE (P 44 05 841.1) 1994-02-23

[11] 2,182,366  
[13] C

[51] Int.Cl. 6H01L 27/146  
[25] EN  
[54] ELECTROMAGNETIC RADIATION IMAGING DEVICE USING DUAL GATE THIN FILM TRANSISTORS  
[54] DISPOSITIF D'IMAGERIE PAR RAYONNEMENT ELECTROMAGNETIQUE UTILISANT DES TRANSISTORS A COUCHES MINCES A DOUBLE GRILLE  
[72] WAECHTER, David, CA  
[72] SINGH, Surendra, CA  
[73] 1294339 ONTARIO, INC., CA  
[85] 1996-07-30  
[86] 1994-02-11 (PCT/CA94/00077)  
[87] (WO95/22176)

[11] 2,182,639  
[13] C

[51] Int.Cl. 6B26D 11/00 6B41F 19/00  
[25] EN  
[54] BLANK SEPARATING EQUIPMENT FOR A CUTTING MACHINE PROCESSING FLAT ELEMENTS  
[54] EQUIPEMENT SEPARANT LES DECOUPES, POUR MACHINE A COUPER ET A TRIER DES ELEMENTS PLANS  
[72] Varidel, Charly, CH  
[73] BOBST S.A., CH  
[22] 1996-08-02  
[30] CH (02262/95-5) 1995-08-04

[11] 2,183,201  
[13] C

[51] Int.Cl. 6B25D 17/26  
[25] EN  
[54] AIR TOOL LUBRICATOR  
[54] LUBRIFICATEUR PNEUMATIQUE  
[72] Gruett, Donald G., US  
[73] OIL-RITE CORPORATION, US  
[22] 1996-08-13  
[30] US (08/514,967) 1995-08-14

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[11] **2,184,053**  
[13] C

[51] **Int.Cl. 6C07C 47/21 6C07C 45/50**  
[25] EN  
[54] **PROCESS FOR PREPARING PENTENALS**  
[54] **METHODE DE PREPARATION DE PENTENALS**  
[72] Wiebus, Ernst, DE  
[72] Bahrmann, Helmut, DE  
[72] Lappe, Peter, DE  
[72] Fell, Bernhard, DE  
[72] Hermanns, Peter, DE  
[73] CELANESE GMBH, DE  
[22] 1996-08-23  
[30] DE (195 32 394.7) 1995-09-02

[11] **2,186,955**  
[13] C

[51] **Int.Cl. 6H01F 1/44**  
[25] EN  
[54] **MAGNETORHEOLOGICAL MATERIALS UTILIZING SURFACE-MODIFIED PARTICLES**  
[54] **MATERIAUX MAGNETORHEOLOGIQUES UTILISANT DES PARTICULES A SURFACE MODIFIEE**  
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[72] Carlson, J. David, US  
[72] Nixon, Donald A., US  
[73] LORD CORPORATION, US  
[85] 1996-10-01  
[86] 1995-04-06 (PCT/US95/04259)  
[87] (WO95/28719)  
[30] US (08/227,297) 1994-04-13

[11] **2,187,638**  
[13] C

[51] **Int.Cl. 6A61B 5/022**  
[25] EN  
[54] **APPARATUS AND METHOD FOR MEASURING AN INDUCED PERTURBATION TO DETERMINE PHYSIOLOGICAL PARAMETER**  
[54] **APPAREIL ET PROCEDE PERMETTANT DE MESURER UNE PERTURBATION INDUITE POUR DETERMINER LES PARAMETRES PHYSIOLOGIQUES**  
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[72] Sher, Mark H., US  
[73] VITAL INSITE, INC., US  
[85] 1996-10-10  
[86] 1995-04-03 (PCT/US95/04124)  
[87] (WO95/28126)  
[30] US (08/228,213) 1994-04-15

[11] **2,187,878**  
[13] C

[51] **Int.Cl. 6A22C 13/00**  
[25] EN  
[54] **CONTINUOUS FOOD PROCESSING SYSTEM**  
[54] **SYSTEME DE TRAITEMENT DE PRODUITS ALIMENTAIRES EN CONTINU**  
[72] Kobussen, Petrus Johannes, NL  
[72] Kobussen, Martinus Wilhelmus Hendricus, US  
[72] Kobussen, Josinus Johannes, US  
[72] Smulders, Hendricus Franciscus, NL  
[73] TOWNSEND ENGINEERING COMPANY, US  
[85] 1996-10-15  
[86] 1994-10-11 (PCT/US94/11474)  
[87] (WO95/28090)  
[30] NL (9400602) 1994-04-15

[11] **2,188,091**  
[13] C

[51] **Int.Cl. 6B65H 37/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PINCH PERFORATING MULTI-PLY WEB MATERIAL**  
[54] **METHODE ET APPAREIL POUR POINCONNER UN MATERIAU EN NAPPE MULTICOUCHE**  
[72] Schulz, Galyn, US  
[72] Gracyalny, Dale T., US  
[73] FORT JAMES CORPORATION, US  
[22] 1996-10-17  
[30] US (08/547,233) 1995-10-24

[11] **2,189,029**  
[13] C

[51] **Int.Cl. 6A01D 34/66**  
[25] EN  
[54] **WIDE CUT HARVESTER HAVING ROTARY CUTTER BED**  
[54] **MOISSONNEUSE DE COUPE LARGE DOTEE D'UNE BARRE DE COUPE ROTATIVE**  
[72] O'Halloran, Michael L., US  
[72] Fritz, David P., US  
[72] Case, Cecil L., US  
[72] Pruitt, Martin E., US  
[73] Hay & Forage Industries, US  
[85] 1996-10-28  
[86] 1994-05-20 (PCT/US94/05690)  
[87] (WO95/29580)  
[30] US (08/234,232) 1994-04-28

[11] **2,189,219**  
[13] C

[51] **Int.Cl. 6B65D 81/133**  
[25] EN  
[54] **SHIPPING PROTECTOR**  
[54] **PROTECTEUR DE MATERIEL EXPEDIE**  
[72] Hurley, Richard D., US  
[73] Hurley, Richard D., US  
[22] 1996-10-30  
[30] US (08/556,000) 1995-11-15

[11] **2,189,371**  
[13] C

[51] **Int.Cl. 6B65H 75/38 6H01R 35/02 6H01R 25/16 6H01R 19/28**  
[25] EN  
[54] **ELECTRICAL OUTLET TYPE EXTENSION CORD REEL WITH AUXILIARY OUTLET**  
[54] **RALLONGE ELECTRIQUE AVEC ENROULEUR**  
[72] MORIN, AURELE, CA  
[73] MORIN, AURELE, CA  
[22] 1996-11-01  
[30] US (08/609,616) 1996-01-03

[11] **2,189,746**  
[13] C

[51] **Int.Cl. 6A23L 1/38 6A23L 1/307**  
[25] EN  
[54] **HIGH PROTEIN AND/OR REDUCED FAT NUT SPREAD AND PROCESS FOR PREPARING IT**  
[54] **PATE A TARTINER AUX ARACHIDES A FORTE TENEUR EN PROTEINES ET/OU A TENEUR REDUITE EN GRAISSES ET SON PROCEDE DE PREPARATION**  
[72] Wong, Vincent York-Leung, US  
[72] Villagran, Francisco Valentino, US  
[72] Sackenheim, Richard Joseph, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-11-06  
[86] 1995-04-07 (PCT/US95/04027)  
[87] (WO95/31116)  
[30] US (08/245,084) 1994-05-17  
[30] US (08/407,264) 1995-03-23

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[13] C  
[51] **Int.Cl. 6C12N 1/14 6A01N 63/04**  
[25] EN  
[54] **FUNGAL ISOLATE,  
PREPARATION FOR CONTROLLING  
PATHOGENIC PLANT FUNGI,  
METHOD OF PREPARING IT AND ITS  
USE**  
[54] **ISOLAT DE CHAMPIGNON,  
PREPARATION POUR LUTTER  
CONTRE LES CHAMPIGNONS  
PATHOGENES DES PLANTES, SES  
PROCEDES DE PREPARATION ET SON  
UTILISATION**  
[72] Lüth, Peter, DE  
[72] Eiben, Ute, DE  
[73] PROPHYTA BIOLOGISCHER  
PFLANZENSCHUTZ GmbH, DE  
[85] 1996-11-12  
[86] 1995-07-14 (PCT/DE95/00926)  
[87] (WO96/21358)  
[30] DE (195 02 065.0) 1995-01-14

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[11] **2,191,712**  
[13] C  
[51] **Int.Cl. 6A23L 2/38 6A23F 3/16 6A23L  
2/52**  
[25] EN  
[54] **BEVERAGE COMPOSITIONS  
CONTAINING GREEN TEA SOLIDS,  
ELECTROLYTES AND  
CARBOHYDRATES TO PROVIDE  
IMPROVED CELLULAR HYDRATION  
AND DRINKABILITY**  
[54] **COMPOSITIONS DE BOISSON  
CONTENANT DES SOLIDES DE THE  
VERT, DES ELECTROLYTES ET DES  
GLUCIDES POUR UNE HYDRATATION  
CELLULAIRE ET UNE POTABILITE  
AMELIOREES**  
[72] Kuznicki, James Thaddeus, US  
[72] Turner, Lana Sandman, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
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[86] 1995-05-23 (PCT/US95/06508)  
[87] (WO95/33385)  
[30] US (08/253,646) 1994-06-03

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[11] **2,192,135**  
[13] C  
[51] **Int.Cl. 6H01H 9/00 6H01H 9/02**  
[25] EN  
[54] **DIAPHRAGM SEAL FOR A HIGH  
VOLTAGE SWITCH ENVIRONMENT**  
[54] **JOINT DIAPHRAGME POUR  
DISJONCTEUR HAUTE TENSION**  
[72] Luzzi, Glenn J., US  
[73] THOMAS & BETTS  
INTERNATIONAL, INC., US  
[22] 1996-12-05  
[30] US (08/578,144) 1995-12-26

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[11] **2,192,136**  
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[51] **Int.Cl. 6H01H 3/02**  
[25] EN  
[54] **SWITCH ACTUATOR**  
[54] **BIELLE A CONTACT**  
[72] Smith, Lloyd B., US  
[73] THOMAS & BETTS  
INTERNATIONAL, INC., US  
[22] 1996-12-05  
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[11] **2,193,208**  
[13] C  
[51] **Int.Cl. 6A23L 2/62**  
[25] EN  
[54] **STABLE BEVERAGE FOUNTAIN  
SYRUPS CONTAINING OIL PHASE  
AND METHOD OF STABILIZING  
FOUNTAIN SYRUP OIL PHASE**  
[54] **SIROPS STABLES DE  
DISTRIBUTEUR DE BOISSON  
CONTENANT UNE PHASE HUILEUSE  
ET PROCEDE DE STABILISATION DE  
LA PHASE HUILEUSE**  
[72] Dake, Timothy William, US  
[72] Pflaumer, Phillip Floyd, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1996-12-17  
[86] 1995-06-19 (PCT/US95/07770)  
[87] (WO96/00510)  
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[13] C  
[51] **Int.Cl. 6B24B 5/36**  
[25] EN  
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MECHANISM**  
[54] **MECANISME D’AFFUTAGE DE  
PATINS**  
[72] Graham, Gilbert B., US  
[73] Graham, Gilbert B., US  
[85] 1996-12-17  
[86] 1996-03-05 (PCT/US96/03106)  
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[11] **2,194,278**  
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[51] **Int.Cl. 6B26B 21/14**  
[25] EN  
[54] **SAFETY RAZORS**  
[54] **RASOIRS DE SECURITE**  
[72] Oldroyd, Brian, GB  
[73] THE GILLETTE COMPANY, US  
[85] 1997-01-02  
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[30] GB (9414092.8) 1994-07-13

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[11] **2,199,118**  
[13] C  
[51] **Int.Cl. 6B42D 1/00 6B23D 25/12  
6B26F 1/22 6B26D 1/56**  
[25] EN  
[54] **A PERFORATING BLADE AND  
SIGNATURE**  
[54] **LAME PERFORANTE ET  
SIGNATURE ASSOCIEE**  
[72] FOSTER, Thomas, US  
[72] MICHALK, Rodney, US  
[72] SUMMERS, Scott, US  
[73] Sureperf, Inc., US  
[85] 1997-03-04  
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[25] EN  
[54] **A UNIT PACKAGED DETERGENT**  
[54] **DETERGENT EN**  
**CONDITIONNEMENT UNITAIRE**  
[72] TACK, Joris Josef Gustaaf E., BE  
[72] VARLET, Jean-Luc André Patrick, BE  
[72] VAN DE POL, Bruno, BE  
[73] Procter & Gamble Company (The), US  
[85] 1997-03-06  
[86] 1995-09-01 (PCT/US95/11165)  
[87] (WO96/08555)  
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[13] C

[51] **Int.Cl. 6C07D 487/04 6C07D 471/04**  
**6A61K 31/40 6A61K 31/47 6A61K 31/55**  
[25] EN  
[54] **INDOLE-2,3-DIONE-3-OXIME**  
**DERIVATIVES, THEIR PREPARATION**  
**AND USE**  
[54] **DERIVES D'INDOLE-2,3-DIONE-3-**  
**OXIME, LEUR PREPARATION ET**  
**LEUR UTILISATION**  
[72] WÄTJEN, Frank, DK  
[72] MOLDT, Peter, DK  
[73] NEUROSEARCH A/S, DK  
[85] 1997-03-10  
[86] 1995-09-12 (PCT/EP95/03593)  
[87] (WO96/08494)  
[30] DK (1053/94) 1994-09-14

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[11] **2,200,645**  
[13] C

[51] **Int.Cl. 6G01F 1/74**  
[25] EN  
[54] **THREE PHASE ANALYSER AND**  
**MEASUREMENT SYSTEM**  
[54] **SYSTEME D'ANALYSE ET DE**  
**MESURE A TROIS PHASES**  
[72] CONEY, Mark E., CA  
[72] KRUSHELNICKI, Darrell J., CA  
[73] Marcon Instrumentation and Controls  
Ltd., CA  
[22] 1997-03-21

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[11] **2,201,956**  
[13] C

[51] **Int.Cl. 6F24F 13/02 6F16L 27/12**  
**6D06F 58/20**  
[25] EN  
[54] **INFINITELY ADJUSTABLE**  
**OFFSET VENT CONNECTOR**  
[54] **RACCORD VENTILE A**  
**DECALAGE REGLABLE A L'INFINI**  
[72] ANDERSEN, John L., US  
[72] KENRICK, Charles R., US  
[73] Builder's Best, Inc., US  
[22] 1997-04-04  
[30] US (08/642,517) 1996-05-03

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[13] C

[51] **Int.Cl. 6A62C 37/08**  
[25] EN  
[54] **HORIZONTAL SIDEWALL**  
**SPRINKLER**  
[54] **SPRINKLER MURAL**  
**HORIZONTAL**  
[72] BOSIO, Claude P., US  
[72] WANCHO, Thomas F., US  
[72] RACHIELE, Salvatore S., US  
[73] THE RELIABLE AUTOMATIC  
SPRINKLER CO., INC., US  
[22] 1997-04-09  
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[11] **2,203,276**  
[13] C

[51] **Int.Cl. 6H04M 3/28 6H04M 3/30**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR**  
**TESTING LINES IN A**  
**TELECOMMUNICATIONS NETWORK**  
[54] **PROCEDE ET APPAREIL POUR**  
**TESTER DES LIGNES DANS UN**  
**RESEAU DE TELECOMMUNICATIONS**  
[72] CHASKELL, Andrew David, GB  
[73] British Telecommunications public  
limited company, GB  
[85] 1997-04-21  
[86] 1995-11-30 (PCT/GB95/02802)  
[87] (WO96/19072)  
[30] EP (94309390.6) 1994-12-15

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[11] **2,205,023**  
[13] C

[51] **Int.Cl. 6H04N 1/32 6H04N 1/411**  
[25] EN  
[54] **METHOD AND SYSTEM FOR**  
**TRANSMITTING FACSIMILE-CODED**  
**DATA BETWEEN COMMUNICATIONS**  
**TERMINALS WITH MULTIMEDIA**  
**CAPABILITY**  
[54] **PROCEDE ET DISPOSITIF POUR**  
**LA TRANSMISSION DE DONNEES**  
**TELECOPIEUR CODEES ENTRE DES**  
**TERMINAUX DE COMMUNICATION A**  
**CAPACITE MULTIMEDIA**  
[72] SEBESTYEN, Istvan, DE  
[73] SIEMENS AKTIENGESSELLSCHAFT,  
DE  
[85] 1997-05-09  
[86] 1995-11-13 (PCT/DE95/01564)  
[87] (WO96/15628)  
[30] DE (P 44 40 402.6) 1994-11-11  
[30] DE (195 09 022.5) 1995-03-13

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[13] C

[51] **Int.Cl. 6G01F 1/20**  
[25] EN  
[54] **A TECHNIQUE FOR**  
**SUBSTANTIALLY ELIMINATING**  
**TEMPERATURE INDUCED**  
**MEASUREMENT ERRORS FROM A**  
**CORIOLIS METER**  
[54] **METHODE POUR ELIMINER**  
**SUBSTANTIELLEMENT LES ERREURS**  
**DE MESURE DUES A LA**  
**TEMPERATURE DANS UN**  
**DEBITMETRE A EFFET DE CORIOLIS**  
[72] ZOLOCK, Michael J., US  
[73] MICRO MOTION, INC., US  
[22] 1992-07-02  
[62] 2,113,165  
[30] US (728,546) 1991-07-11

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[11] **2,206,950**  
[13] C

[51] **Int.Cl. 6H01H 33/16**  
[25] FR  
[54] **DISJONCTEUR A HAUTE**  
**TENSION AVEC INSERTION DE**  
**RESISTANCE A LA FERMETURE.**  
[54] **HIGH-VOLTAGE SWITCH WITH**  
**RESISTOR INSERTION UPON**  
**CLOSING**  
[72] PERRET, Michel, FR  
[73] GEC ALSTHOM T & D SA, FR  
[22] 1997-05-12  
[30] FR (96 05 910) 1996-05-13

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[13] C

[51] Int.Cl. 6H01Q 1/38  
[25] EN  
[54] WIDE-BAND/DUAL-BAND STACKED-DISC RADIATORS ON STACKED-DIELECTRIC POSTS PHASED ARRAY ANTENNA  
[54] ANTENNE DE RESEAU PHASE COMPORTANT DES ELEMENTS RAYONNANTS EN DISQUES SUPERPOSES A LARGE GAMME/ DOUBLE GAMME  
[72] CHU, Ruey S., US  
[72] WANG, Allen T.S., US  
[72] LEE, Kuan M., US  
[73] RAYTHEON COMPANY, US  
[22] 1997-06-23  
[30] US (678,383) 1996-06-28

[11] 2,208,646  
[13] C

[51] Int.Cl. 6H02M 7/537  
[25] EN  
[54] MULTIPLE OUTPUT, ZERO VOLTAGE SWITCHING, SERIES RESONANT VHF INVERTER  
[54] ONDULEUR VHF RESONANT SERIE A SORTIES MULTIPLES ET A COMMUTATION A TENSION NULLE  
[72] HONG, Wilbur E., US  
[72] LUSHER, David M., US  
[72] HWANG, William B., US  
[73] RAYTHEON COMPANY, US  
[22] 1997-06-24  
[30] US (671,035) 1996-06-27

[11] \* 2,210,763  
[13] C

[51] Int.Cl. 6H04L 9/32  
[25] EN  
[54] KEY GENERATION FROM A GIVEN STRING FOR ENTITY AUTHENTICATION  
[54] GENERATION DE CLES D'AUTHENTIFICATION A PARTIR D'UNE CHAINE DE CARACTERES DONNEE  
[72] KOU, Weidong, CA  
[73] IBM CANADA LTD. - IBM CANADA LIMITEE, CA  
[22] 1997-07-17

[11] 2,233,428  
[13] C

[51] Int.Cl. 6A61F 5/445  
[25] EN  
[54] CUTTING APPARATUS FOR CUTTING A GEOMETRICAL-SHAPED OPENING THROUGH A FLAT-SURFACED MATERIAL  
[54] OUTIL DE COUPE PERMETTANT DE PRATIQUER UNE OUVERTURE DE FORME GEOMETRIQUE DANS UN MATERIAU A SURFACE PLATE  
[72] COLACELLO, Albert A., US  
[72] COLACELLO, Michael A., US  
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[73] COLACELLO, Michael A., US  
[22] 1995-05-31  
[62] 2,150,608  
[30] US (08/405,005) 1995-03-16

[11] 2,235,097  
[13] C

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

[11] \* 2,237,377  
[13] C

[51] Int.Cl. 6H04B 10/08  
[25] EN  
[54] FIBER OPTIC CABLE MONITORING SYSTEM  
[54] SYSTEME DE CONTROLE DE CABLE OPTIQUE  
[72] VOKEY, David E., CA  
[72] SONTAG, Kenneth N., CA  
[72] KRAFT, Heinrich, DE  
[73] NORSCAN INSTRUMENTS LTD., CA  
[22] 1992-04-10  
[62] 2,065,785

[11] 2,249,445  
[13] C

[51] Int.Cl. 6H04Q 3/64 6H04M 3/50  
[25] EN  
[54] CALL QUEUING AND DISTRIBUTION  
[54] MISE EN FILE D'ATTENTE ET REPARTITION DES APPELS  
[72] DONNELLY, David Robert, GB  
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 1998-09-21  
[86] 1997-03-25 (PCT/GB97/00830)  
[87] (WO97/36414)  
[30] GB (9606298.9) 1996-03-26

[11] 2,251,409  
[13] C

[51] Int.Cl. 6B27B 19/00  
[25] EN  
[54] SCROLL SAW VACUUM ATTACHMENT ASSEMBLY  
[54] ATTACHEMENT SOUS VIDE POUR SCIE A DECOUPER  
[72] THEISING, John L., US  
[72] HALE, Larry D., US  
[73] EMERSON ELECTRIC CO., US  
[22] 1998-11-06  
[30] US (08/972,419) 1997-11-18

[11] 2,264,112  
[13] C

[51] Int.Cl. 6H04R 29/00 6H04H 7/04  
[25] EN  
[54] TRIGGERING OF A MEASUREMENT METHOD FOR THE QUALITY ASSESSMENT OF AUDIO AND/OR SPEECH SIGNALS  
[54] DECLENCHEMENT DE PROCESSUS DE MESURE POUR EVALUER LA QUALITE DE SIGNAUX AUDIO ET/OU VOCAUX  
[72] GERHÄUSER, Heinz, DE  
[72] SCHMIDMER, Christian, DE  
[72] EBERLEIN, Ernst, DE  
[72] KEYHL, Michael, DE  
[72] TEICHMANN, Bodo, DE  
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 1999-02-15  
[86] 1997-10-21 (PCT/EP97/05814)  
[87] (WO98/18295)  
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[30] DE (197 30 716.7) 1997-07-17

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6A61K 31/70  
[25] EN  
[54] RECOMBINANT SENDAI VIRUS  
VECTOR EXPRESSING CHEMOKINE  
[54] AGENT PORTEUR-VIRUS SENDAI  
RECOMBINANT EN TANT QUE  
CHIMIOKINE  
[72] MORIYA, Chikaya, JP  
[72] NAGAI, Yoshiyuki, JP  
[72] SHIODA, Tatsuo, JP  
[71] DNAVEC RESEARCH INC., JP  
[22] 1998-08-10  
[43] 2000-02-10

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[21] **2,242,048**  
[13] A1  
[51] Int.Cl. 6G11B 17/22  
[25] EN  
[54] DISC CHANGER APPARATUS  
[54] APPAREIL DE CHANGEMENT DE  
DISQUE  
[72] KASHIKAWA, Masakazu, JP  
[72] MATSUMOTO, Akira, JP  
[72] NAKADE, Isamu, JP  
[72] NISHIDA, Hiroto, JP  
[71] MATSUSHITA ELECTRIC  
INDUSTRIAL CO., LTD., JP  
[22] 1998-08-06  
[43] 2000-02-06

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[21] **2,242,109**  
[13] A1  
[51] Int.Cl. 6B65D 33/06 6B65D 30/10  
[25] EN  
[54] PLASTIC BAG  
[54] SAC DE PLASTIQUE  
[72] GARROCHO, Jose, CA  
[71] MARKO I.R.D.C. INC., CA  
[22] 1998-08-07  
[43] 2000-02-07

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[21] **2,242,113**  
[13] A1  
[51] Int.Cl. 6A61G 17/04  
[25] EN  
[54] REMOVABLE CORNER  
ORNAMENTS FOR A COFFIN AND KIT  
THEREFOR  
[54] GARNITURE DE COIN AMOVIBLE  
POUR UN CERCUEIL ET TROUSSE  
D'INSTALLATION  
[72] ROBERT, Pascal, CA  
[71] CERCUEILS VIC ROYAL INC., CA  
[22] 1998-08-07  
[43] 2000-02-07

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[21] **2,242,130**  
[13] A1  
[51] Int.Cl. 6H04L 9/32 6G06F 17/00  
[25] EN  
[54] METHOD FOR PARALLEL  
APPROVAL OF DOCUMENTS IN A  
DISTRIBUTED NETWORK  
[54] METHODE D'APPROBATION  
PARALLELE DE DOCUMENTS DANS  
UN RESEAU DE DISTRIBUTION  
[72] SILVESTER, Joseph, CA  
[72] PETROGIANNIS, Tommy, CA  
[71] SILANIS TECHNOLOGY INC., CA  
[22] 1998-08-07  
[43] 2000-02-07

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[21] **2,242,165**  
[13] A1  
[51] Int.Cl. 6B26D 1/143  
[25] EN  
[54] WEB AND SHEET PERFORATION  
WITH HIGH-SPEED ROTARY PIN-  
CYLINDER  
[54] PERFORATION DE TOILE ET DE  
FEUILLE AVEC UN CYLINDRE  
ROTATIF A AIGUILLES  
[72] POKLUKAR, Josef Georg, CA  
[71] POKLUKAR, Josef Georg, CA  
[22] 1998-08-06  
[43] 2000-02-06

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[21] **2,242,230**  
[13] A1  
[51] Int.Cl. 6B62D 63/06 6B60P 1/43  
[25] EN  
[54] GREENSMOWER TRAILER  
[54] REMORQUE POUR TONDEUSES A  
GAZON DE TERRAIN DE GOLF  
[72] THIER, Richard David, US  
[72] NIOSI, Donald Emil, US  
[71] DEERE & COMPANY, US  
[22] 1998-08-12  
[43] 2000-02-07  
[30] US (P-99,265) 1998-08-07

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[21] **2,242,275**  
[13] A1  
[51] Int.Cl. 6G05D 13/62 6F04B 49/06  
[25] EN  
[54] ENGINE GOVERNOR FOR  
REPETITIVE LOAD CYCLE  
APPLICATIONS  
[54] REGULATEUR DE MOTEUR POUR  
APPLICATIONS A CYCLE DE  
CHARGEMENT REPETITIF  
[72] REICHLINGER, Gary, US  
[71] REICHLINGER, Gary, US  
[22] 1998-08-07  
[43] 2000-02-07

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[21] **2,242,276**  
[13] A1  
[51] Int.Cl. 6F24H 1/00 6G05D 23/19  
[25] EN  
[54] ASYNCHRONOUS THERMAL  
STORAGE UNIT  
[54] UNITE DE STOCKAGE  
THERMIQUE ASYNCHRONE  
[72] SAMSON, Marc, CA  
[71] SAMSON, Marc, CA  
[22] 1998-08-07  
[43] 2000-02-07



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[13] A1  
[51] **Int.Cl. 6F24H 9/20 6H05B 1/02**  
[25] EN  
[54] **3 PHASE THERMAL POWER SEQUENCER**  
[54] **SEQUENCEUR A TROIS PHASES POUR SYSTEME DE STOCKAGE THERMIQUE D'ELECTRICITE**  
[72] SAMSON, Marc, CA  
[71] SAMSON, Marc, CA  
[22] 1998-08-07  
[43] 2000-02-07

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[13] A1  
[51] **Int.Cl. 6C10B 1/06 6C10B 47/44**  
[25] EN  
[54] **CONTINUOUS PRODUCTION CLOSED RETORT CHARCOAL REACTOR**  
[54] **REACTEUR DE CHARBON DE CORNUE PRODUCTION CONTINUE**  
[72] HANSEN, Truman LeRoy, CA  
[71] HANSEN, Truman LeRoy, CA  
[22] 1998-08-10  
[43] 2000-02-10

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[13] A1  
[51] **Int.Cl. 6B42D 9/00 6B42D 3/16**  
[25] EN  
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[54] **PORTE-LIVRE GOLDEN TREASURES**  
[72] GOLDEN, Suzanne, CA  
[72] GOLDEN, Ronald, CA  
[71] GOLDEN, Suzanne, CA  
[71] GOLDEN, Ronald, CA  
[22] 1998-08-10  
[43] 2000-02-10

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[13]  
[51] **Int.Cl. 6B65D 90/12 6A01C 23/00 6A01C 7/08 6B60P 3/22**  
[25] EN  
[54] **REINFORCED PLASTIC TANK SUPPORT**  
[54] **SUPPORT RENFORCE POUR BIDON EN PLASTIQUE**  
[72] JOHNSON, Lee Alan, US  
[71] DEERE & COMPANY, US  
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[51] **Int.Cl. 6F17C 1/16 6F17C 1/02 6A01C 23/04 6A01C 7/08**  
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[54] **MULTIFACETED PRODUCT TANK**  
[54] **RESERVOIR A FACETTES MULTIPLES POUR LE STOCKAGE D'UN PRODUIT**  
[72] PRATT, Ronald Lee, US  
[72] JOHNSON, Lee Alan, US  
[71] DEERE & COMPANY, US  
[22] 1998-08-14  
[43] 2000-02-07  
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[51] **Int.Cl. 6H01L 23/46**  
[25] EN  
[54] **METHOD FOR THERMOELECTRIC TWO-PHASE COOLING SYSTEM**  
[54] **METHODE POUR UN SYSTEME DE REFROIDISSEMENT THERMO-ELECTRIQUE A DEUX PHASES**  
[72] IGWE, Godwill M., CA  
[72] KULKARNI, Arun, CA  
[71] IGWE, Godwill M., CA  
[71] KULKARNI, Arun, CA  
[22] 1998-08-12  
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[21] **2,242,737**  
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[51] **Int.Cl. 6F28F 1/00**  
[25] EN  
[54] **METHOD OF UNIVERSAL GRAVITY HEAT EXCHANGER, EVAPORATOR AND CONDENSER SYSTEMS**  
[54] **METHODE POUR UN SYSTEME D'EVAPORATEUR, CONDENSEUR ET D'ECHANGEUR DE CHANLEUR PAR GRAVITE UNIVERSELLE**  
[72] IGWE, Godwill M., CA  
[72] KULKARNI, Arun, CA  
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[51] **Int.Cl. 6B67B 7/16 6B67B 7/12**  
[25] EN  
[54] **TWIST CAP BOTTLE OPENER WITH HAND/WRIST ATTACHMENT STRAP**  
[54] **DECAPSULEUR POUR CAPSULE VISSANT, DOTE DE SANGLE DE MAIN OU DE POIGNEE**  
[72] LAROSE, Chantale C. L., CA  
[71] LAROSE, Chantale C. L., CA  
[22] 1998-08-12  
[43] 2000-02-12

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[51] **Int.Cl. 6E04F 11/108**  
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[54] **MARCHE AVEC NEZ RAPPORTE**  
[54] **STEP WITH JOINED NOSING**  
[72] GRENIER, Gilles, CA  
[71] GRENIER, Gilles, CA  
[22] 1998-08-12  
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[13] A1  
[51] **Int.Cl. 6C12N 15/29 6A01H 5/00 6C12N 15/82**  
[25] EN  
[54] **METHOD FOR SHORTENING INTERNODE OF INFLORESCENCE BY INTRODUCING GENE FOR PETUNIA TRANSCRIPTION FACTOR PETSPL2**  
[54] **METHODE DE RACCOURCISSEMENT D'UN ENTRENOEUD D'INFLORESCENCE PAR L'INTRODUCTION D'UN GENE CODANT POUR LE FACTEUR DE TRANSCRIPTION PETSPL2 DU PETUNIA**  
[72] TAKATSUJI, Hiroshi, JP  
[72] NAKAGAWA, Hitoshi, JP  
[71] DIRECTOR GENERAL OF NATIONAL INSTITUTE OF AGROBIOLOGICAL RESOURCES, MINI, JP  
[22] 1998-09-18  
[43] 2000-02-07  
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[25] EN  
[54] **PROTECTIVE POLE CAPS FOR UTILITY POLES**  
[54] **CAPUCHON PROTECTEUR POUR POTEAU DE LIGNE**  
[72] KRIEGER, Hartmut, CA  
[71] KRIEGER, Hartmut, CA  
[22] 1998-08-06  
[43] 2000-02-06

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[51] **Int.Cl. 6B43L 5/02 6B43L 13/00**  
[25] EN  
[54] **AUXILIARY POSITIONING PLATE FOR CARTOON DRAWING APPARATUSES**  
[54] **PLAQUE DE POSITIONNEMENT POUR APPAREILS DE DESSIN ANIME**  
[72] LEE, Chin-Kun, CN  
[71] LEE, Chin-Kun, CN  
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[43] 2000-02-07

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[51] **Int.Cl. 6A61F 13/02**  
[25] EN  
[54] **ADHESIVE BANDAGE**  
[54] **PANSEMENT ADHESIF**  
[72] BARANITSKY, Dean, CA  
[71] BARANITSKY, Dean, CA  
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[13] A1

[51] **Int.Cl. 6A01D 34/67**  
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[54] **GRASS TRIMMER**  
[54] **COUPE-HERBE**  
[72] GIVOGUE, Gerry, CA  
[72] REGNIER, Roger, CA  
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[13] A1

[51] **Int.Cl. 6F04D 29/70 6F04D 3/02 6F04B 47/06 6E21B 43/38**  
[25] EN  
[54] **Z-TOOL**  
[54] **OUTIL DU TYPE Z POUR TRAIN DE FORAGE**  
[72] CARRIERE, Kent J., CA  
[71] CARRIERE, Kent J., CA  
[22] 1998-08-07  
[43] 2000-02-07

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[13] A1

[51] **Int.Cl. 6A01F 15/14 6B65B 11/10**  
[25] EN  
[54] **BALE BAGGER**  
[54] **APPAREIL D'ENSACHEMENT DE BOTTES**  
[72] BRODRECHT, Gerald, CA  
[71] BRODRECHT, Gerald, CA  
[22] 1998-08-07  
[43] 2000-02-07

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[13] A1

[51] **Int.Cl. 6C09D 175/14**  
[25] EN  
[54] **REGULATING THE RELEASE FORCE OF SILICONE COATINGS WHICH REPEL TACKY SUBSTANCES**  
[54] **REGULATION DE LA FORCE DE DEGAGEMENT DES REVETEMENTS DE SILICONES QUI REPOUSSENT LES MATIERES COLLANTES**  
[72] HECHTL, Wolfgang, DE  
[72] KINNE, Margot, DE  
[72] ACHENBACH, Frank, DE  
[72] FEHN, Armin, DE  
[71] WACKER-CHEMIE GMBH, DE  
[22] 1998-08-07  
[43] 2000-02-07  
[30] DE (197 34 206.4) 1998-08-07

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[13] A1

[51] **Int.Cl. 6E04B 1/70**  
[25] EN  
[54] **SELF-VENTING MOISTURE BARRIER AND BREATHER MEMBRANE FOR EXTERIOR WALL SYSTEMS**  
[54] **MEMBRANE ETANCHE A AUTOVENTILATION ET MEMBRANE PERMEABLE A L'AIR POUR LA CONSTRUCTION DE MURS EXTERIEURS**  
[72] HARCO, Peter, CA  
[71] HARCO, Peter, CA  
[22] 1998-08-06  
[43] 2000-02-06

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[13] A1

[51] **Int.Cl. 6F16K 25/00**  
[25] EN  
[54] **VALVE HAVING A VALVE MEMBER WHICH ENGAGES A VALVE SEAT**  
[54] **SOUPAPE DOTEES D'UNE PIECE ENCLANCHANT UN SIEGE DE SOUPAPE**  
[72] GINGRAS, Denis, CA  
[71] GINGRAS, Denis, CA  
[22] 1998-08-11  
[43] 2000-02-11

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[13] A1

[51] **Int.Cl. 6E04B 1/49**  
[25] EN  
[54] **TRUSS CONNECTOR STRUCTURE**  
[54] **STRUCTURE DE CONNEXION D'UNE FERME**  
[72] HAISCH, Douglas C., US  
[71] HAISCH, Douglas C., US  
[22] 1998-08-11  
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[13] A1

[51] **Int.Cl. 6A61G 7/10**  
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[54] **LIFTING SLINGS**  
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[72] SOMERTON, Bruce Edward, GB  
[71] ARJO LIMITED, GB  
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[13] A1  
[51] **Int.Cl. 6B65D 33/36 6B65D 75/58 6B65D 85/72**  
[25] EN  
[54] **OPENING SYSTEM FOR BEVERAGE CONTAINER**  
[54] **SYSTEME D'OUVERTURE D'UN RECIPIENT DE BOISSON**  
[72] LABUDA, Ivica Maria, US  
[72] KAUFMAN, Richard Harry, US  
[71] KRAFT FOODS, INC., US  
[22] 1998-08-11  
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[21] **2,245,140**  
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[51] **Int.Cl. 6B65D 81/07 6F16K 15/20**  
[25] EN  
[54] **APPARATUS FOR INFLATING AND DEFLATING A DUNNAGE BAG**  
[54] **APPAREIL POUR LE GONFLEMENT ET LE DEGONFLEMENT D'UN SAC DE FARDAGE**  
[72] VOLLER, Ronald L., US  
[71] VOLLER, Ronald L., US  
[22] 1998-08-12  
[43] 2000-02-12

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[13] A1  
[51] **Int.Cl. 6B23B 5/16**  
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[54] **PIPE FACING TOOL**  
[54] **OUTIL PERMETTANT DE CONFRONTER DEUX LONGUEURS DE TUYAU**  
[72] NERENBERG, Bruno, CA  
[71] NERENBERG, Bruno, CA  
[22] 1998-08-28  
[43] 2000-02-07  
[30] US (09/130,372) 1998-08-07

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[51] **Int.Cl. 6F01P 7/14**  
[25] EN  
[54] **COOLING CONTROL SYSTEM FOR AN INTERNAL COMBUSTION ENGINE**  
[54] **SYSTEME DE COMMANDE DU REFROIDISSEMENT POUR MOTEUR A COMBUSTION INTERNE**  
[72] SANO, Mitsuhiro, JP  
[71] NIPPON THERMOSTAT CO., LTD., JP  
[22] 1998-08-10  
[43] 2000-02-10

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[13] A1  
[51] **Int.Cl. 6B65G 21/10 6B65G 21/14 6B65G 15/26**  
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[54] **CONVEYOR DEPLOYMENT SYSTEM**  
[54] **SYSTEME EXTENSIBLE POUR CONVOYEUR**  
[72] KRUECKL, Edward, CA  
[72] DEMONG, Maurice, CA  
[71] PRAIRIE MACHINE & PARTS MFG. LTD., CA  
[22] 1998-08-06  
[43] 2000-02-06

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[21] **2,246,438**  
[13] A1  
[51] **Int.Cl. 6H03H 17/02**  
[25] EN  
[54] **MID-SPATIAL FREQUENCY DIGITAL BOOST FILTER**  
[54] **FILTRE NUMERIQUE POUR AUGMENTER LES FREQUENCES SPATIALES CENTRALES**  
[72] LOWMAN, Andrew E., US  
[72] GREIVENKAMP, John E., Jr., US  
[71] CANADIAN SPACE AGENCY, CA  
[22] 1998-09-02  
[43] 2000-02-07  
[30] US (09/130,473) 1998-08-07

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[51] **Int.Cl. 6E02D 29/14**  
[25] EN  
[54] **ROAD SURFACE APERTURE FRAMES AND COVERS**  
[54] **CADRES ET COUVERCLES DESTINES AUX OUVERTURES DANS LA SURFACE DES ROUTES**  
[72] MCCOY, Archibald H.R., CA  
[71] ARCHIE MCCOY (HAMILTON) LTD., CA  
[22] 1998-08-12  
[43] 2000-02-12

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[13] A1  
[51] **Int.Cl. 6B29C 47/24 6B29C 44/52**  
[25] EN  
[54] **ROTARY DIE**  
[54] **MATRICE A ROTATION**  
[72] HARTMAN, Steven, CA  
[72] HARTMAN, David, CA  
[71] INDUSTRIAL THERMO POLYMERS LIMITED, CA  
[22] 1998-08-06  
[43] 2000-02-06

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[21] **2,247,720**  
[13]  
[51] **Int.Cl. 6D21F 7/08 6D03D 15/00**  
[25] EN  
[54] **LAMINATED MULTI-LAYERED SEAM PRODUCT WITH FORMED LOOPS**  
[54] **PRODUIT OURLET A COUCHES MULTIPLES LAMINEES AYANT DES BOUCLES FORMEES**  
[72] SUMMER, Billy, US  
[72] LEE, Henry J., US  
[71] ASTEN, INC., US  
[22] 1998-09-21  
[43] 2000-02-12  
[30] US (09/133,142) 1998-08-12

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[21] **2,245,061**  
[13]  
[51] **Int.Cl. 6E04D 13/064**  
[25] EN  
[54] **GUTTER COVER MOUNTING CLIP**  
[54] **ELEMENT DE FIXATION POUR MONTAGE DE PROTEGE-GOUTTIERE**  
[72] ANNESTEDT, James W., Sr., US  
[71] AMERICAN METAL PRODUCTS COMPANY, US  
[22] 1998-08-12  
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[51] **Int.Cl. 6B25H 3/02**  
[25] EN  
[54] **KIT TOOL BOX**  
[54] **BOITE A OUTILS A ASSEMBLER**  
[72] CHO, Yu-Ling, TW  
[71] EVER-CRAFT INT. CORP., TW  
[22] 1998-08-10  
[43] 2000-02-10

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[21] **2,247,736**  
[13] A1

[51] **Int.Cl. 6D21F 7/08 6D03D 15/00**  
[25] EN  
[54] **WOVEN LOOP PRESS BASE FABRIC HAVING HIGH DENSITY TOP LAYER**  
[54] **SUPPORT TEXTILE D'IMPRESSON A BOUCLES AYANT UNE COUCHE SUPERIEURE HAUTE DENSITE**  
[72] LEE, Henry J., US  
[72] SUMMER, Billy, US  
[71] ASTEN, INC., US  
[22] 1998-09-22  
[43] 2000-02-11  
[30] US (09/132,150) 1998-08-11

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[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6A61K 38/17 6C07K 16/28 6G01N 33/566 6C12Q 1/68 6A61K 31/70 6C07K 14/705**  
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[54] **NOVEL COMPOUNDS**  
[54] **COMPOSES NOUVEAUX**  
[72] TESTA, Tania Tamson, GB  
[72] BARNES, Michael R., GB  
[71] SMITHKLINE BEECHAM P.L.C., GB  
[22] 1998-10-28  
[43] 2000-02-12  
[30] GB (9817586.2) 1998-08-12

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[21] **2,249,696**  
[13] A1

[51] **Int.Cl. 6C10G 25/00 6B01J 20/04 6B01J 20/08**  
[25] EN  
[54] **SULFUR REMOVAL FROM HYDROCARBON FLUIDS BY MIXING WITH ORGANO MERCAPTAN AND CONTACTING WITH HYDROTALCITE-LIKE MATERIALS, ALUMINA, BAYERITE OR BRUCITE**  
[54] **ELIMINATION DU SOUFRE DES FLUIDES D'HYDROCARBURES PAR MELANGE AVEC L'ORGANOTHIOL ET PAR CONTACT AVEC DES MATIERES GENRE HYDROTALCITE, ALUMINE, BAYERITE OU BRUCITE**  
[72] POIRIER, Marc-André, CA  
[71] IMPERIAL OIL, CA  
[22] 1998-10-29  
[43] 2000-02-07  
[30] US (131,107) 1998-08-07

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[13] A1

[51] **Int.Cl. 6D21F 7/08 6D03D 15/00**  
[25] EN  
[54] **WOVEN SOFT-FACED PRESS FABRIC**  
[54] **TISSU D'IMPRESSON A SURFACE MOLLE**  
[72] LEE, Henry J., US  
[72] SUTHERLAND, Paul H., US  
[71] ASTEN, INC., US  
[22] 1998-10-15  
[43] 2000-02-11  
[30] US (09/131,768) 1998-08-11

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[21] **2,252,255**  
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[51] **Int.Cl. 6A61F 5/045**  
[25] EN  
[54] **OPERATION OF A VERTEBRAL AXIAL DECOMPRESSION TABLE**  
[54] **MODE D'OPERATION D'UNE TABLE DE DECOMPRESSION A AXE VERTEBRAL**  
[72] DYER, Allan E., US  
[71] DYER, Allan E., US  
[22] 1998-10-29  
[43] 2000-02-12  
[30] AU (79929/98) 1998-08-12

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[51] **Int.Cl. 6H04N 5/21 6H04B 1/10 6H04N 5/455**  
[25] EN  
[54] **INTERMODULATION CORRECTION FOR COMBINED ANALOG- AND DIGITAL-FORMAT RF TRANSMITTERS**  
[54] **CORRECTION INTERMODULAIRE POUR EMETTEURS A FORMAT COMBINE ANALOGUE ET NUMERIQUE**  
[72] HULICK, Timothy P., US  
[71] ACRODYNE INDUSTRIES, INC., US  
[22] 1998-11-13  
[43] 2000-02-12  
[30] US (09/132,758) 1998-08-12

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[51] **Int.Cl. 6E04B 1/68 6E02D 29/16**  
[25] EN  
[54] **FOAM BACKED JOINT SEAL SYSTEM**  
[54] **SYSTEME DE JOINTURE ETANCHE A DOSSIER MOUSSE**  
[72] HAGEN, Peter, US  
[71] SEALEX, INC., US  
[22] 1998-12-18  
[43] 2000-02-12  
[30] US (132,686) 1998-08-12

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[21] **2,263,723**  
[13] A1

[51] **Int.Cl. 6E03B 7/12**  
[25] EN  
[54] **HEATER ASSEMBLY FOR A FLUID CONDUIT WITH AN INTEGRAL HEATER**  
[54] **UNITE DE CHAUFFAGE POUR CONDUIT A FLUIDE DOTEE D'UN APPAREIL CHAUFFANT INTEGRE**  
[72] BANKS, Frank, US  
[72] PERSINGER, Michael, US  
[71] DEKKO HEATING TECHNOLOGIES, INC., US  
[22] 1999-03-12  
[43] 2000-02-06  
[30] US (09/130,180) 1998-08-06

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[13] A1

[51] **Int.Cl. 6B65D 65/38 6B65B 53/00 6B65D 30/08**  
[25] EN  
[54] **BAG AND METHOD FOR PACKAGING BONE-IN CUTS OF MEAT**  
[54] **SAC ET METHODE POUR EMBALLER DES COUPES DE VIANDE AVEC OS**  
[72] SIWINSKI, John Stephen, US  
[72] BERT, Roger Douglas, US  
[71] VISKASE CORPORATION, US  
[22] 1999-03-18  
[43] 2000-02-10  
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[13]

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[25] EN  
[54] **"TWIN-IMPACT" DOUBLE-BLOW DRILLING APPARATUS**  
[54] **APPAREIL DE FORAGE A COUP DOUBLE « TWIN IMPACT »**  
[72] MAUS, Josef, DE  
[72] GUDE, Dieter, DE  
[71] DEILMANN-HANIEL MASCHINEN-UND STAHLBAU GMBH, DE  
[22] 1999-04-07  
[43] 2000-02-12  
[30] DE (198 36 389.3) 1998-08-12

[21] **2,269,111**  
[13]

[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6C12P 21/02 6C12N 15/29 6C07K 14/415 6C12Q 1/68**  
[25] EN  
[54] **GENES ENCODING PLANT TRANSCRIPTION FACTORS**  
[54] **GENES CODANT POUR LES FACTEURS DE TRANSCRIPTION DES PLANTES**  
[72] KASUGA, Mie, JP  
[72] SHINOZAKI, Kazuko, JP  
[71] BIO-ORIENTED TECHNOLOGY RESEARCH ADVANCEMENT INSTITUTION, JP  
[71] DIRECTOR GENERAL OF JAPAN INTERNATIONAL RESEARCH CENTER FOR AGRICULTURAL, JP  
[22] 1999-04-23  
[43] 2000-02-12  
[30] JP (228457/1998) 1998-08-12

[21] **2,269,202**  
[13] A1

[51] **Int.Cl. 6C12N 15/82 6A01H 5/00**  
[25] EN  
[54] **AN ELEMENT INDUCIBLE IN RESPONSE TO INJURY, A PROMOTER INDUCIBLE IN RESPONSE TO INJURY AND A TRANSGENIC PLANT**  
[54] **ELEMENT INDUCTIBLE SUITE A UNE BLESSURE, PROMOTEUR INDUCIBLE SUITE A UNE BLESSURE ET PLANTE TRANSGENIQUE**  
[72] IBA, Koh, JP  
[72] SHIMADA, Takiko, JP  
[72] KUSANO, Tomonobu, JP  
[71] KYUSHU UNIVERSITY, JP  
[22] 1999-04-28  
[43] 2000-02-07  
[30] JP (10-224,537) 1998-08-07

[21] **2,270,857**  
[13] A1

[51] **Int.Cl. 6G01M 19/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DETERMINING THE FEEDABILITY OF WELDING WIRE**  
[54] **METHODE ET SYSTEME SERVANT A DETERMINER LA CAPACITE D'ALIMENTATION D'UN FIL DE SOUDURE**  
[72] KRAMER, Arthur, US  
[72] KAHN, Boris, US  
[71] LINCOLN GLOBAL, INC., US  
[22] 1999-05-04  
[43] 2000-02-11  
[30] US (09/132,587) 1998-08-11

[21] **2,273,599**  
[13] A1

[51] **Int.Cl. 6H04M 1/57**  
[25] EN  
[54] **TELEPHONE CALLER IDENTIFICATION LOG WITH INTERNET ACCESS**  
[54] **JOURNAL D'APPELANTS ACCESSIBLE PAR INTERNET**  
[72] JAIN, Ajay, US  
[72] GURBANI, Vijay Kumar, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-06-02  
[43] 2000-02-07  
[30] US (09/130,995) 1998-08-07

[21] **2,273,600**  
[13] A1

[51] **Int.Cl. 6H04M 11/06**  
[25] EN  
[54] **EDGE VEHICLE FOR A COMMUNICATIONS NETWORK**  
[54] **VEHICULE DE PERIPHERIE POUR RESEAU DE COMMUNICATIONS**  
[72] NORDIN, Ronald Alex, US  
[72] NOVOTNY, Robert Allen, US  
[72] NANKE, Trent Richard, US  
[72] HINTERLONG, Stephen Joseph, US  
[72] KAPAUAN, Alejandro A., US  
[72] BYERS, Charles Calvin, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-06-02  
[43] 2000-02-07  
[30] US (09/130,993) 1998-08-07

[21] **2,273,602**  
[13] A1

[51] **Int.Cl. 6H05K 9/00**  
[25] EN  
[54] **TRANSPARENT ELECTROMAGNETIC WAVE SHIELD**  
[54] **BLINDAGE D'ONDES ELECTROMAGNETIQUES TRANSPARENT**  
[72] TANAKA, Junji, JP  
[72] GOTO, Hideki, JP  
[71] SUMITOMO BAKELITE COMPANY LIMITED, JP  
[22] 1999-06-04  
[43] 2000-02-10  
[30] JP (10-225826) 1998-08-10  
[30] JP (10-225827) 1998-08-10  
[30] JP (10-225828) 1998-08-10  
[30] JP (10-225829) 1998-08-10  
[30] JP (10-225830) 1998-08-10  
[30] JP (10-225831) 1998-08-10  
[30] JP (10-276264) 1998-09-30

[21] **2,273,621**  
[13]

[51] **Int.Cl. 6A42B 3/32 6A42B 3/00**  
[25] EN  
[54] **HELMET ADJUSTMENT MECHANISM WITH QUICK RELEASE**  
[54] **MECANISME D'AJUSTEMENT A DEGAGEMENT RAPIDE POUR CASQUE**  
[72] HOSHIZAKI, T. Blaine, CA  
[72] SPYROU, Evangelos, CA  
[72] PREVOST, Claude, CA  
[72] FOURNIER, Eric, CA  
[71] SPORT MASKA INC., CA  
[22] 1999-06-02  
[43] 2000-02-12  
[30] US (09/132,834) 1998-08-12

[21] **2,273,669**  
[13] A1

[51] **Int.Cl. 6H04J 1/08**  
[25] EN  
[54] **DUAL BAND COMBINER ARRANGEMENT**  
[54] **DISPOSITION DE COMBINAISON DE DEUX BANDES DE FREQUENCES**  
[72] PELZ, Dieter, AU  
[72] McDONALD, Noel, AU  
[71] ALCATEL, FR  
[22] 1999-06-07  
[43] 2000-02-07  
[30] AU (PP 5120) 1998-08-07

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**6 février 2000 - 12 février 2000**

[21] **2,273,781**  
[13] A1

[51] **Int.Cl. 6H04Q 7/38**  
[25] EN  
[54] **METHOD OF OPERATING A PORTABLE COMMUNICATION DEVICE**  
[54] **MODE D'OPERATION POUR DISPOSITIF PORTATIF DE COMMUNICATION**  
[72] WOO, Thomas Yat Chung, US  
[72] RAMJEE, Ramachandran, US  
[72] GITLIN, Richard Dennis, US  
[72] AHO, Alfred Vaino, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-06-09  
[43] 2000-02-07  
[30] US (09/130,979) 1998-08-07

[21] **2,275,080**  
[13] A1

[51] **Int.Cl. 6H04L 12/24**  
[25] EN  
[54] **APPARATUS AND METHODS FOR ROUTERLESS LAYER 3 FORWARDING IN A NETWORK**  
[54] **APPAREIL ET METHODES D'ACHEMINEMENT DE TROISIEME COUCHE SANS ROUTEUR DANS UN RESEAU**  
[72] SHABTAI, LIOR, IL  
[72] RODRIQ, BENNY, IL  
[71] SHABTAI, LIOR, IL  
[71] RODRIQ, BENNY, IL  
[22] 1999-06-17  
[43] 2000-02-11  
[30] US (09/132,030) 1998-08-11

[21] **2,276,303**  
[13] A1

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **PERSONAL CARE PRODUCTS WITH DYNAMIC AIR FLOW**  
[54] **PRODUITS DE SOINS PERSONNELS AVEC DEBIT D'AIR DYNAMIQUE**  
[72] WANG, KENNETH YIN, US  
[72] DAVIS, JAMES ARTHUR, US  
[72] JACKSON, WANDA WALTON, US  
[72] LAU, JARK CHONG, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 1999-06-25  
[43] 2000-02-11  
[30] US (09/132,386) 1998-08-11

[21] **2,273,782**  
[13] A1

[51] **Int.Cl. 6H04B 1/76 6H04Q 7/38**  
[25] EN  
[54] **CDMA BASE STATION ASSISTED SOFT HANDOFF**  
[54] **TRANSFERT INTERCELLULAIRE D'APPEL «SOFT» ASSISTE D'UNE STATION DE BASE AMRC**  
[72] CHENG, Terry Si-Fong, US  
[72] HUANG, Ching Yao, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-06-09  
[43] 2000-02-07  
[30] US (09/131,390) 1998-08-07

[21] **2,275,270**  
[13] A1

[51] **Int.Cl. 6H04B 7/005**  
[25] EN  
[54] **INTERMITTENT, LOW BANDWIDTH, WIRELESS DATA NETWORK AND METHOD OF OPERATION THEREOF**  
[54] **RESEAU INTERMITTENT DE DONNEES SANS FIL, A BANDE PASSANTE ETROITE, ET SON MODE D'OPERATION**  
[72] ROHRBACH, WILLIAM RUSSELL, US  
[72] SHAH, NITIN JAYANT, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-06-16  
[43] 2000-02-07  
[30] US (09/130,913) 1998-08-07

[21] **2,276,503**  
[13] A1

[51] **Int.Cl. 6B65H 37/02 6B65H 37/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TRANSPORTING A SUBSTRATE WITH ADHESIVE**  
[54] **METHODE ET APPAREIL POUR LE TRANSPORT D'UN SUBSTRAT ENDUIT D'ADHESIF**  
[72] SCHUMANN, WILLIAM R., US  
[72] HOELSCHER, WAYNE A., US  
[72] McSPEDON, JOHN P., US  
[72] OLIVER, JAY T., US  
[71] PREMARK RWP HOLDINGS, INC., US  
[22] 1999-06-25  
[43] 2000-02-07  
[30] US (09/130,468) 1998-08-07

[21] **2,275,072**  
[13]

[51] **Int.Cl. 6B65D 85/62 6A47K 7/03 6B65D 83/08 6B65D 65/22 6B65D 81/38**  
[25] EN  
[54] **SKIN CLEANSING DEVICE WITH RE-SEALABLE CONTAINER**  
[54] **DISPOSITIF A EMBALLAGE REFERMABLE POUR LE NETTOYAGE DE LA PEAU**  
[72] HAMANN, DALE R., US  
[72] GUY, MICHAEL G., US  
[72] KRYSHAK, MICHAEL T., US  
[71] GUY & O'NEILL, INC., US  
[22] 1999-06-17  
[43] 2000-02-12  
[30] US (09/133,179) 1998-08-12

[21] **2,275,910**  
[13]

[51] **Int.Cl. 6G08C 13/02 6G08C 19/00 6G08C 25/00**  
[25] EN  
[54] **SYNCHRONOUS PILOT DETECTION TECHNIQUE FOR A CONTROL SYSTEM THAT REDUCES DISTORTION PRODUCED BY ELECTRICAL CIRCUITS**  
[54] **TECHNIQUE DE DETECTION SYNCHRONE DU SIGNAL PILOTE, SERVANT A REDUIRE LA DISTORTION ENGENDREE PAR LES CIRCUITS ELECTRIQUES DANS UN SYSTEME DE COMMANDE**  
[72] MYER, ROBERT E., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-06-22  
[43] 2000-02-12  
[30] US (09/133,054) 1998-08-12

[21] **2,276,653**  
[13] A1

[51] **Int.Cl. 6B60R 16/08**  
[25] EN  
[54] **REMOTE ATTACHMENT CONTROL DEVICE FOR POWER MACHINE**  
[54] **TELECOMMANDE POUR ACCESSOIRE DE MACHINE A MOTEUR**  
[72] ANDERSON, PAUL A., US  
[72] ROSSOW, SCOTT R., US  
[72] KACZMARSKI, WALLY L., US  
[72] BRANDT, KENNETH A., US  
[71] CLARK EQUIPMENT COMPANY, US  
[22] 1999-06-22  
[43] 2000-02-07  
[30] US (09/130,986) 1998-08-07

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[21] **2,276,812**  
[13] A1

[51] **Int.Cl. 6H04B 7/212**  
[25] EN  
[54] **A METHOD FOR FORMATTING AND CONVEYING INFORMATION IN A WIRELESS TELECOMMUNICATION SYSTEM**  
[54] **METHODE DE FORMATAGE ET TRANSMISSION DE DONNEES DANS UN SYSTEME DE TELECOMMUNICATIONS SANS FIL**  
[72] TONELLO, ANDREA M., US  
[72] SEYMOUR, JAMES PAUL, US  
[71] LUCENT TECHNOLOGIES, INC., US  
[22] 1999-07-05  
[43] 2000-02-12  
[30] US (09/133,052) 1998-08-12

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[21] **2,276,839**  
[13] A1

[51] **Int.Cl. 6E05D 11/10**  
[25] EN  
[54] **DOOR HINGE SYSTEM**  
[54] **SYSTEME DE CHARNIERE POUR PORTIERE D'AUTO**  
[72] MILLER, WARREN H., US  
[72] MITTS, RICHARD K., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-06-30  
[43] 2000-02-07  
[30] US (09/130,872) 1998-08-07

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[21] **2,276,864**  
[13] A1

[51] **Int.Cl. 6B23K 9/10**  
[25] EN  
[54] **TRIGGER LOCKING PIN MECHANISM FOR MIG GUN**  
[54] **GOUPILLE DE VERROUILLAGE DE GACHETTE POUR PISTOLET DE SOUDAGE A PROTECTION GAZEUSE INERTE**  
[72] COLANGELO, JOHN F., JR., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-06-29  
[43] 2000-02-07  
[30] US (09/130,570) 1998-08-07

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[21] **2,276,865**  
[13] A1

[51] **Int.Cl. 6F16B 7/04 6F16L 3/10**  
[25] EN  
[54] **CROSS-CONNECTORS FOR TUBULAR MEMBERS FORMING FRAMEWORKS**  
[54] **INTER-CONNECTEURS POUR PIECES TUBULAIRES FORMANT DES STRUCTURES**  
[72] KELLER, RICHARD D., US  
[71] KELLER, RICHARD D., US  
[22] 1999-06-29  
[43] 2000-02-10  
[30] US (09/131,794) 1998-08-10

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[21] **2,276,900**  
[13] A1

[51] **Int.Cl. 6C08F 220/12 6C10M 145/14**  
[25] EN  
[54] **(METH)ACRYLATE COPOLYMERS HAVING EXCELLENT LOW TEMPERATURE PROPERTIES**  
[54] **COPOLYMERES (METH)ACRYLIQUES DOTES D'EXCELLENTE CARACTERISTIQUES A BASSES TEMPERATURES**  
[72] LIESEN, GREGORY PETER, US  
[72] SRINIVASAN, SANJAY, US  
[72] MISHRA, MUNMAYA K., US  
[72] GRINA, LARRY DALE, US  
[71] ETHYL CORPORATION, US  
[22] 1999-07-05  
[43] 2000-02-10  
[30] US (131,728) 1998-08-10

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[21] **2,276,907**  
[13] A1

[51] **Int.Cl. 6H04Q 3/66**  
[25] FR  
[54] **ROUTAGE DES APPELS AVEC DEBORDEMENTS DANS UN RESEAU PRIVE**  
[54] **CALL ROUTING WITH OVERFLOW, FOR A PRIVATE EXCHANGE**  
[72] PHAN, CAO THANH, FR  
[72] LITTEAUT, JACQUES, FR  
[71] ALCATEL, FR  
[22] 1999-07-06  
[43] 2000-02-06  
[30] FR (98 10 129) 1998-08-06

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[21] **2,276,908**  
[13] A1

[51] **Int.Cl. 6H04Q 3/66**  
[25] FR  
[54] **CONTROLE DE L'ACCES AU SERVICE D'ATTENTE SUR ARTERE OCCUPEE DANS UN RESEAU PRIVE DE TELECOMMUNICATIONS**  
[54] **ACCESS CONTROL FOR WAITING SERVICE ON AN OCCUPIED PRIVATE TELECOMMUNICATIONS NETWORK ROUTE**  
[72] PHAN, CAO THANH, FR  
[72] BIENVENU, DAPHNE, FR  
[71] ALCATEL, FR  
[22] 1999-07-06  
[43] 2000-02-06  
[30] FR (98 10 130) 1998-08-06

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[21] **2,276,923**  
[13] A1

[51] **Int.Cl. 6B29C 70/52 6B29B 9/14**  
[25] EN  
[54] **MANUFACTURE OF SECTIONS OF FIBRE-PLASTIC COMPOUND MATERIALS**  
[54] **FABRICATION DE SECTIONS DE MATERIAUX COMPOSITES EN FIBRES DE PLASTIQUE**  
[72] KÄRGER, JENS, CH  
[72] ERLACH, HANS, CH  
[72] VODERMAYER, ALBERT M., CH  
[71] SULZER INNOTEC AG, CH  
[22] 1999-07-06  
[43] 2000-02-11  
[30] EP (98 810 769.4) 1998-08-11

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[21] **2,277,193**  
[13] A1

[51] **Int.Cl. 6B65D 81/05**  
[25] EN  
[54] **BAG-IN-BAG COMBINATION DUNNAGE AIRBAG HAVING REDUCED NUMBER OF PAPER PLIES**  
[54] **SAC DE FARDAGE GONFLABLE A DOUBLE SAC AYANT UN NOMBRE REDUIT D'EPAISSEURS DE PAPIER**  
[72] ZENTMYER, HUGH J., US  
[72] HOWLETT, JOHN J., JR., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-07-07  
[43] 2000-02-07  
[30] US (09/131,012) 1998-08-07

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**6 février 2000 - 12 février 2000**

[21] **2,277,194**  
[13]

[51] **Int.Cl. 6B41L 39/00**  
[25] EN  
[54] **A PRINTER MEDIA SUPPLY SPOOL ADAPTED TO ALLOW THE PRINTER TO SENSE TYPE OF MEDIA, AND METHOD OF ASSEMBLING SAME**  
[54] **BOBINE D'ALIMENTATION POUR SUPPORT D'IMPRESSION A RECONNAISSANCE DU TYPE DE SUPPORT, ET SON MODE D'ASSEMBLAGE**  
[72] SANGER, KURT M., US  
[72] TREDWELL, TIMOTHY J., US  
[72] TEHRANCHI, BABAK B., US  
[72] SPURR, ROBERT W., US  
[71] EASTMAN KODAK COMPANY, US  
[22] 1999-07-07  
[43] 2000-02-12  
[30] US (09/133,122) 1998-08-12

[21] **2,277,396**  
[13] A1

[51] **Int.Cl. 6B23K 15/00**  
[25] EN  
[54] **METHOD FOR FULL PENETRATION ELECTRON BEAM WELD FOR DOWNHOLE TOOLS**  
[54] **METHODE DE SOUDURE PAR FAISCEAU D'ELECTRONS A PENETRATION COMPLETE, DESTINEE AUX OUTILS DE FOND DU TROU**  
[72] RATCLIFF, JOHN C., US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 1999-07-15  
[43] 2000-02-06  
[30] US (09/130,250) 1998-08-06

[21] **2,277,441**  
[13] A1

[51] **Int.Cl. 6B31B 1/74 6B65D 33/24**  
[25] EN  
[54] **APPLICATION SYSTEM FOR SLIDERS AT FORM-FILL-SEAL MACHINE**  
[54] **SYSTEME D'INSERTION DE GLISSIERE A UNE FORMEUSE-REMPLEUSE-SCELLEUSE**  
[72] MCMAHON, MICHAEL J., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-07-06  
[43] 2000-02-07  
[30] US (09/131,268) 1998-08-07

[21] **2,277,522**  
[13] A1

[51] **Int.Cl. 6A63B 59/14**  
[25] EN  
[54] **ARTICULATED HANDLE FOR HOCKEY STICKS AND THE LIKE**  
[54] **MANCHE ARTICULE POUR BATONS DE HOCKEY ET ARTICLES SEMBLABLES**  
[72] MAJCHROWICZ, MICHAEL, US  
[71] MAJCHROWICZ, MICHAEL, US  
[22] 1999-07-16  
[43] 2000-02-11  
[30] US (09/132,933) 1998-08-11

[21] **2,277,535**  
[13] A1

[51] **Int.Cl. 6F16L 55/11 6F16B 25/00 6F16B 35/04**  
[25] EN  
[54] **THREAD FORMING PIPE PLUG**  
[54] **BOUCHON DE TUYAU A FILETAGE**  
[72] TURNMIRE, WILLIAM R., US  
[72] DONOVAN, STEVEN P., US  
[72] HUTSON, LAWRENCE E., US  
[71] TEXTRON INC., US  
[22] 1999-07-16  
[43] 2000-02-07  
[30] US (09/130,764) 1998-08-07

[21] **2,277,542**  
[13] A1

[51] **Int.Cl. 6C08L 47/00 6C08L 21/00 6C08L 55/04 6C08L 25/10**  
[25] EN  
[54] **PNEUMATIC TIRE HAVING A TREAD CONTAINING RESIN**  
[54] **PNEU AYANT UNE BANDE DE ROULEMENT A RESINE**  
[72] BLOK, EDWARD JOHN, US  
[72] SCHLADEMAN, JAMES ANDERSON, US  
[72] SANDSTROM, PAUL HARRY, US  
[72] KRALEVICH, MARK LESLIE JR., US  
[72] WIDEMAN, LAWSON GIBSON, US  
[72] BERGOMI, ANGELO, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 1999-07-13  
[43] 2000-02-07  
[30] US (60/095,701) 1998-08-07

[21] **2,277,601**  
[13]

[51] **Int.Cl. 6B41J 2/435**  
[25] EN  
[54] **A PRINTER WITH MEDIA SUPPLY SPOOL ADAPTED TO SENSE TYPE OF MEDIA, AND METHOD OF ASSEMBLING SAME**  
[54] **IMPRIMANTE A BOBINE D'ALIMENTATION POUR SUPPORT D'IMPRESSION A RECONNAISSANCE DU TYPE DE SUPPORT, ET SON MODE D'ASSEMBLAGE**  
[72] TREDWELL, TIMOTHY J., US  
[72] SANGER, KURT M., US  
[72] TEHRANCHI, BABAK B., US  
[72] SPURR, ROBERT W., US  
[71] EASTMAN KODAK COMPANY, US  
[22] 1999-07-07  
[43] 2000-02-12  
[30] US (09/133,114) 1998-08-12

[21] **2,277,630**  
[13] A1

[51] **Int.Cl. 6H01H 3/02 6H01H 3/32**  
[25] EN  
[54] **MULTI-FUNCTION STALK SWITCH**  
[54] **COMMANDE A TIGE AUX FONCTIONS MULTIPLES**  
[72] RIGSBY, BRUCE SCOTT, US  
[72] BRANSTETTER, CARY D., US  
[72] RISK, JAMES R., JR., US  
[72] LIDIKAY, CURTIS L., US  
[71] GROTE INDUSTRIES, INC., US  
[22] 1999-07-19  
[43] 2000-02-06  
[30] US (09/130,333) 1998-08-06

[21] **2,277,635**  
[13] A1

[51] **Int.Cl. 6G01V 1/22 6G01V 1/20 6G01V 1/28 6G01V 1/32**  
[25] EN  
[54] **REMOTE ACCESS AND CONTROL OF A SEISMIC ACQUISITION SYSTEM**  
[54] **ACCES ET COMMANDE A DISTANCE POUR SYSTEME D'ACQUISITION DE DONNEES SISMQUES**  
[72] HAIDE, JANOS, US  
[72] SZALAY, JOZSEF, US  
[72] FESZTHAMMER, ANDRAS, US  
[72] ISELI, JAMES, US  
[72] SIGMAR, AXEL, US  
[71] INPUT/OUTPUT, INC., US  
[22] 1999-07-19  
[43] 2000-02-07  
[30] US (60/095,704) 1998-08-07



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[21] **2,277,666**  
[13]

[51] **Int.Cl. 6C08L 21/00 6C08L 7/00 6C08L 25/10**  
[25] EN  
[54] **HIGH PERFORMANCE TIRE TREAD RUBBER COMPOSITION**  
[54] **COMPOSITION DE CAOUTCHOUC HAUTE PERFORMANCE POUR BANDE DE ROULEMENT DE PNEU**  
[72] HALASA, ADEL FARHAN, US  
[72] SANDSTROM, PAUL HARRY, US  
[72] HSU, WEN-LIANG, US  
[72] BLOK, EDWARD JOHN, US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[22] 1999-07-19  
[43] 2000-02-12  
[30] US (09/133,503) 1998-08-12

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[21] **2,277,734**  
[13] A1

[51] **Int.Cl. 6H01F 41/02**  
[25] EN  
[54] **MAGNETIC FIELD GENERATOR FOR MRI, METHOD FOR ASSEMBLING THE SAME, AND METHOD FOR ASSEMBLING A MAGNET UNIT FOR THE SAME**  
[54] **GENERATEUR DE CHAMP MAGNETIQUE POUR IMAGERIE PAR RESONANCE MAGNETIQUE (IRM) ET PROCEDE D'ASSEMBLAGE D'UNE UNITE MAGNETIQUE POUR CE GENERATEUR**  
[72] AOKI, MASAOKI, JP  
[72] HASHIMOTO, SHIGEO, JP  
[71] SUMITOMO SPECIAL METALS CO., LTD., JP  
[22] 1999-07-20  
[43] 2000-02-06  
[30] JP (10-223444) 1998-08-06

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[21] **2,277,938**  
[13] A1

[51] **Int.Cl. 6H04Q 3/64**  
[25] FR  
[54] **ROUTAGE DES APPELS VERS L'EXTERIEUR DEPUIS UN RESEAU PRIVE**  
[54] **EXTERIOR CALL ROUTING FROM A PRIVATE NETWORK**  
[72] TRAN, NHUT QUAN, FR  
[72] PHAN, CAO THANH, FR  
[71] ALCATEL, FR  
[22] 1999-07-20  
[43] 2000-02-06  
[30] FR (98 10 132) 1998-08-06

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[21] **2,278,041**  
[13] A1

[51] **Int.Cl. 6C03B 7/084**  
[25] EN  
[54] **FOREHEARTH FEEDER TUBE LIFT SYSTEM**  
[54] **SYSTEME D'ELEVATION POUR TUBE D'ALIMENTATION D'AVANT-CORPS**  
[72] LEIDY, D. WAYNE, US  
[72] RUGH, WILLIAM B., US  
[72] DiFRANK, FRANK J., US  
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US  
[22] 1999-07-19  
[43] 2000-02-07  
[30] US (09/130,313) 1998-08-07  
[30] US (09/287,882) 1999-04-07

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[21] **2,278,061**  
[13] A1

[51] **Int.Cl. 6A47B 91/06**  
[25] EN  
[54] **GLIDE ASSEMBLY**  
[54] **ASSEMBLAGE DE PATIN**  
[72] OLSON, WILLIAM J., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-07-19  
[43] 2000-02-11  
[30] US (09/132,110) 1998-08-11

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[21] **2,278,071**  
[13] A1

[51] **Int.Cl. 6H01S 3/05**  
[25] EN  
[54] **HIGH AVERAGE POWER FIBER LASER SYSTEM WITH PHASE FRONT CONTROL**  
[54] **SYSTEME LASER A FIBRES OPTIQUES A PUISSANCE MOYENNE ELEVEE AVEC COMMANDE DE PHASE FRONTALE**  
[72] KOMINE, HIROSHI, US  
[71] TRW INC., US  
[22] 1999-07-16  
[43] 2000-02-11  
[30] US (09/132,178) 1998-08-11

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[21] **2,278,072**  
[13] A1

[51] **Int.Cl. 6H01S 3/05**  
[25] EN  
[54] **HIGH AVERAGE POWER FIBER LASER SYSTEM WITH PHASE CONJUGATION**  
[54] **SYSTEME DE LASER A FIBRE A PUISSANCE MOYENNE ELEVEE AVEC CONJUGAISON DE PHASE**  
[72] KOMINE, HIROSHI, US  
[72] LONG, WILLIAM H., JR., US  
[71] TRW INC., US  
[22] 1999-07-16  
[43] 2000-02-11  
[30] US (09/132,618) 1998-08-11

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[21] **2,278,087**  
[13] A1

[51] **Int.Cl. 6A47L 13/16**  
[25] EN  
[54] **IMPROVED CLEANING ARTICLES**  
[54] **SYSTEME D'IDENTIFICATION DE PRODUITS DE NETTOYAGE**  
[72] GORDON, GIGI C., US  
[71] GORDON, GIGI C., US  
[22] 1999-07-20  
[43] 2000-02-07  
[30] US (131,123) 1998-08-07

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[21] **2,278,092**  
[13]

[51] **Int.Cl. 6H04Q 1/22 6H04L 1/24 6H04Q 3/64**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ROUTING DATA TRAFFIC AWAY FROM A FALLING SWITCH IN A COMMUNICATIONS NETWORK**  
[54] **METHODE ET APPAREIL POUR ELOIGNER D'UN COMMUTATEUR EN PANNE L'ACHEMINEMENT DU TRAFIC DES DONNEES DANS UN RESEAU DE COMMUNICATION**  
[72] KOHLER, JOSEPH, US  
[72] GUZMAN, ARACELI, US  
[72] DECALUWE, CRAIG L., US  
[71] KOHLER, JOSEPH, US  
[71] GUZMAN, ARACELI, US  
[71] DECALUWE, CRAIG L., US  
[22] 1999-07-20  
[43] 2000-02-12  
[30] US (09/133,117) 1998-08-12

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[21] **2,278,273**  
[13] A1

[51] **Int.Cl. 6A41D 13/10 6A41D 19/00 6A63B 71/14**  
[25] EN  
[54] **DEVICE FOR THE PROTECTION OF OBJECTS OR BODY PARTS AGAINST VIBRATIONS**  
[54] **DISPOSITIF DE PROTECTION D'OBJETS ET DES PARTIES DU CORPS CONTRE LES VIBRATIONS**  
[72] KARALL, GERHARD, AT  
[71] ASTRON ELASTOMERPRODUKTE GESELLSCHAFT M.B.H., AT  
[22] 1999-07-21  
[43] 2000-02-11  
[30] AT (A 1383/98) 1998-08-11

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

[51] **Int.Cl. 6F25D 23/12 6F25D 11/00**  
[25] EN  
[54] **REFRIGERATOR WATER TANK RESERVOIR D'EAU POUR REFRIGERATEUR**  
[72] SENNER, KURT CHARLES, US  
[71] MAYTAG CORPORATION, US  
[22] 1999-07-20  
[43] 2000-02-12  
[30] US (09/132,760) 1998-08-12

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[21] **2,278,386**  
[13] A1

[51] **Int.Cl. 6F26B 17/12**  
[25] EN  
[54] **PARTICULATE MATERIAL DRYER**  
[54] **SECHOIR DESTINE AUX MATIERES PARTICULAIRES**  
[72] BRAUN, NORMAN L., CA  
[71] BRAUN, NORMAN L., CA  
[22] 1999-07-22  
[43] 2000-02-07  
[30] US (09/130,368) 1998-08-07

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[21] **2,278,396**  
[13] A1

[51] **Int.Cl. 6C07K 14/78 6C07K 1/14**  
[25] EN  
[54] **FISH COLLAGEN AND METHOD OF PRODUCING THE SAME**  
[54] **COLLAGENE DE POISSON ET METHODE DE PRODUCTION CONNEXE**  
[72] NAGASHIMA, KOJI, JP  
[72] SHIMIZU, HIDEKI, JP  
[72] YAMADA, KUNISHIGE, JP  
[72] TAKAMATSU, MINORI, JP  
[72] SHIMIZU, JOHSUKE, JP  
[71] HOKKAIDO GOVERNMENT, JP  
[71] IHARA & COMPANY LTD., JP  
[22] 1999-07-22  
[43] 2000-02-11  
[30] JP (10-239584) 1998-08-11

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[21] **2,278,417**  
[13]

[51] **Int.Cl. 6H01M 2/10 6B66B 9/16**  
[25] EN  
[54] **A SELF-ALIGNING BATTERY CHANGING SYSTEM FOR ELECTRIC BATTERY-POWERED VEHICLES**  
[54] **SYSTEME DE CHANGEMENT DE BATTERIE A AUTO-ALIGNEMENT POUR VEHICULES ELECTRIQUES ALIMENTES PAR BATTERIE**  
[72] SMITH, TIMOTHY W., US  
[72] BOYD, FRED D., US  
[72] SCOTT, MELVIN E., US  
[71] LONG-AIRDOX COMPANY, US  
[22] 1999-07-23  
[43] 2000-02-12  
[30] US (09/133,073) 1998-08-12

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[21] **2,278,865**  
[13] A1

[51] **Int.Cl. 6B65H 18/00 6B65H 37/04 6B65B 13/18 6B65H 18/28 6B65H 19/28**  
[25] EN  
[54] **PACKAGING STRAP COIL AND METHOD FOR PRODUCING THE SAME, PACKAGING STRAP COIL UNIT AND PACKAGING MACHINE EQUIPPED WITH STRAP COIL REEL**  
[54] **ROULEAU DE FEUILLARD THERMOPLASTIQUE, SON MODE D'OBTENTION, UNITE DE ROULEAU DE FEUILLARD ET MACHINE DE CONDITIONNEMENT MUNIE DE BOBINE DESTINEE AU ROULEAU DE FEUILLARD**  
[72] KAWAMOTO, IZURU, JP  
[72] MARUTANI, TETSUYA, JP  
[72] TAJIKA, SATORU, JP  
[72] USUDA, YUKOU, JP  
[72] OBA, KAZUYUKI, JP  
[72] FUJITA, KUNIAKI, JP  
[71] SEKISUI JUSHI KABUSHIKI KAISHA, JP  
[22] 1999-07-27  
[43] 2000-02-07  
[30] JP (10-223802) 1998-08-07  
[30] JP (10-364713) 1998-12-22  
[30] JP (11-084519) 1999-03-26  
[30] JP (11-184539) 1999-06-30  
[30] JP (11-184540) 1999-06-30

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[21] **2,278,875**  
[13] A1

[51] **Int.Cl. 6B21D 43/00 6B21D 43/14**  
[25] EN  
[54] **ROTATOR FOR A MACHINE FOR MACHINING METAL SHEETS**  
[54] **APPAREIL DE ROTATION POUR MACHINE DE TOLERIE**  
[72] VENTURINI, GIANFRANCO, IT  
[72] CINEL, LUCIANO, IT  
[71] SALVAGNINI ITALIA S.P.A., IT  
[22] 1999-07-26  
[43] 2000-02-06  
[30] IT (MI98A 001851) 1998-08-06

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[21] **2,278,882**  
[13] A1

[51] **Int.Cl. 6C08G 18/32 6C09J 175/06 6C08L 75/06 6C08G 18/40 6C08G 18/70**  
[25] EN  
[54] **MOISTURE CURABLE PRESSURE SENSITIVE ADHESIVES**  
[54] **ADHESIFS AUTOCOLLANTS A RETICULATION PAR L'HUMIDITE**  
[72] POGANY, DANIEL T., US  
[72] QUESTEL, JOHN M., US  
[72] BRAKSMAYER, DIZA P., US  
[71] ELF ATOCHEM NORTH AMERICA, INC., US  
[22] 1999-07-26  
[43] 2000-02-10  
[30] US (09/131,499) 1998-08-10

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[21] **2,278,899**  
[13] A1

[51] **Int.Cl. 6B27D 1/04 6B27D 1/10**  
[25] EN  
[54] **PROCESS AND PLANT FOR THE MANUFACTURE OF ENDLESS VENEER LAMINATES**  
[54] **PROCESSUS ET USINE DE FABRICATION DE FEUILLES DE PLACAGE STRATIFIEES SANS FIN**  
[72] GRAF, MATTHIAS, DE  
[72] BIELFELDT, FRIEDRICH B., DE  
[71] MASCHINENFABRIK J. DIEFFENBACHER GMBH & CO., DE  
[22] 1999-07-27  
[43] 2000-02-08  
[30] DE (1 98 35 933.0) 1998-08-08

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[21] **2,279,061**  
[13] A1

[51] **Int.Cl. 6C07C 53/08 6C07C 51/12**  
[25] EN  
[54] **ACETIC ACID REACTIVE DISTILLATION PROCESS BASED ON DME/METHANOL CARBONYLATION**  
[54] **PROCEDE DE DISTILLATION REACTIVE DE L'ACIDE ACETIQUE FONDE SUR LA CARBONYLATION DME/METHANOL**  
[72] VOSS, BODIL, DK  
[71] HALDOR TOPSOE A/S, DK  
[22] 1999-07-28  
[43] 2000-02-06  
[30] US (60/095,457) 1998-08-06

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[21] **2,278,885**  
[13] A1

[51] **Int.Cl. 6B65D 1/40 6B65D 25/54**  
[25] EN  
[54] **STORAGE CONTAINER**  
[54] **RECIPIENT D'ENTREPOSAGE**  
[72] LILLELUND, STIG, DK  
[72] DAENEN, ROBERT H.C.M., BE  
[72] JEPPESEN, HANNE DALSGAARD, DK  
[72] HEIBERG, JAKOB, DK  
[71] DART INDUSTRIES INC., US  
[22] 1999-07-26  
[43] 2000-02-07  
[30] US (09/131,260) 1998-08-07

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[21] **2,278,911**  
[13] A1

[51] **Int.Cl. 6B27D 1/04 6B27D 3/04 6B32B 21/14**  
[25] EN  
[54] **PROCESS AND FACILITY FOR THE MANUFACTURE OF ENDLESS VENEER LAMINATES**  
[54] **PROCESSUS ET INSTALLATION POUR LA FABRICATION DE FEUILLES DE PLACAGE STRATIFIEES SANS FIN**  
[72] BIELFELDT, FRIEDRICH B., DE  
[71] MASCHINENFABRIK J. DIEFFENBACHER GMBH & CO., DE  
[22] 1999-07-27  
[43] 2000-02-08  
[30] DE (1 98 35 946.2) 1998-08-08

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[21] **2,279,086**  
[13] A1

[51] **Int.Cl. 6B02C 4/28 6C04B 7/52**  
[25] EN  
[54] **MILLING PLANT AND METHOD FOR MILLING RAW MATERIALS**  
[54] **ATELIER DE BROYAGE ET METHODE POUR BROYER DES MATIERES PREMIERES**  
[72] POESCHL, FRANZ, DE  
[71] LOESCHE GMBH, DE  
[22] 1999-07-29  
[43] 2000-02-11  
[30] DE (198 36 323.0) 1998-08-11

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[21] **2,278,898**  
[13] A1

[51] **Int.Cl. 6B27D 3/00**  
[25] EN  
[54] **PROCESS AND CONTINUOUSLY OPERATING PRESS FOR THE MANUFACTURE OF ENDLESS VENEER LAMINATES**  
[54] **PROCESSUS ET PRESSE A FONCTIONNEMENT CONTINU POUR LA FABRICATION DE FEUILLES DE PLACAGE STRATIFIEES SANS FIN**  
[72] BIELFELDT, FRIEDRICH B., DE  
[71] MASCHINENFABRIK J. DIEFFENBACHER GMBH & CO., DE  
[22] 1999-07-27  
[43] 2000-02-08  
[30] DE (1 98 36 006.1) 1998-08-08

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[21] **2,278,990**  
[13] A1

[51] **Int.Cl. 6B21B 31/00**  
[25] EN  
[54] **OVERHUNG ROLL ASSEMBLY**  
[54] **ASSEMBLAGE DE ROULEAU EN PORTE-A-FAUX**  
[72] SHEN, XIAOLAN, US  
[71] MORGAN CONSTRUCTION COMPANY, US  
[22] 1999-07-23  
[43] 2000-02-10  
[30] US (09/131,620) 1998-08-10

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[21] **2,279,105**  
[13] A1

[51] **Int.Cl. 6H01B 9/06 6H01B 19/00**  
[25] FR  
[54] **CABLE DE LIAISON A ISOLATION GAZEUSE, PROCEDE DE FABRICATION ET DE POSE D'UN TEL CABLE**  
[54] **INTERCONNECTING CABLE WITH GASEOUS INSULATION AND ITS MANUFACTURING AND INSTALLATION PROCESS**  
[72] MOISSON-FRANCKHAUSER, FRANÇOIS, FR  
[71] ALCATEL, FR  
[22] 1999-07-27  
[43] 2000-02-10  
[30] FR (98 10 241) 1998-08-10

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**6 février 2000 - 12 février 2000**

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[21] **2,279,107**  
[13] A1

[51] **Int.Cl. 6H04L 27/22**  
[25] FR  
[54] **ESTIMATION DU DECALAGE EN FREQUENCE POUR LA DEMODULATION D'UN PAQUET DE SYMBOLE MODULES EN PHASE**  
[54] **FREQUENCY OFFSET ESTIMATING FOR DEMODULATION OF A PHASE MODULATED SYMBOL PACKET**  
[72] TERRE, MICHEL, FR  
[72] CUEFF, VALÉRIE, FR  
[71] ALCATEL, FR  
[22] 1999-07-28  
[43] 2000-02-06  
[30] FR (98 10 133) 1998-08-06

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[21] **2,279,114**  
[13] A1

[51] **Int.Cl. 6A62C 37/11**  
[25] EN  
[54] **WET PIPE FIRE PROTECTION SYSTEM**  
[54] **INSTALLATION AUTOMATIQUE D'EXTINCTION PAR EAU (PROTECTION CONTRE L'INCENDIE)**  
[72] RAMSEY, JOHN B., US  
[72] RETZLOFF, JAMES G., US  
[71] THE VIKING CORPORATION, US  
[22] 1999-07-29  
[43] 2000-02-11  
[30] US (09/132,579) 1998-08-11

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[21] **2,279,130**  
[13]

[51] **Int.Cl. 6B30B 15/00**  
[25] EN  
[54] **SEGMENTED DRIVE SYSTEM**  
[54] **SYSTEME A DISQUE SEGMENTE**  
[72] BURNS, BRADLEY A., US  
[72] EVERS, KEVIN, US  
[72] PAX, BRYAN, US  
[72] SCHOCKMAN, ROBERT L., US  
[72] BOHMAN, KURT A., US  
[72] BORNHORST, DON, US  
[72] DANIEL, ED, US  
[71] THE MINSTER MACHINE COMPANY, US  
[22] 1999-07-29  
[43] 2000-02-12  
[30] US (09/133,086) 1998-08-12

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[21] **2,279,135**  
[13] A1

[51] **Int.Cl. 6H04Q 3/64**  
[25] FR  
[54] **ROUTAGE DANS UN RESEAU PRIVE AVEC COMPRESSION**  
[54] **ROUTING ON A PRIVATE NETWORK USING COMPRESSION**  
[72] PHAN, CAO THANH, FR  
[72] BENNAI, LAHCEN, FR  
[71] ALCATEL, FR  
[22] 1999-07-29  
[43] 2000-02-06  
[30] FR (98 10 131) 1998-08-06

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[21] **2,279,150**  
[13]

[51] **Int.Cl. 6E04C 2/30 6E04B 9/22**  
[25] EN  
[54] **CEILING PANEL**  
[54] **PANNEAU DE PLAFOND**  
[72] BODINE, DARRYL C., US  
[71] ARMSTRONG WORLD INDUSTRIES, INC., US  
[22] 1999-07-30  
[43] 2000-02-12  
[30] US (09/141,407) 1998-08-12

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[21] **2,279,158**  
[13] A1

[51] **Int.Cl. 6B60B 25/04**  
[25] EN  
[54] **MULTI-PIECE RIM TYPE DISK WHEEL AND A METHOD FOR PRODUCING THE SAME**  
[54] **ROUE A DISQUE DU GENRE AYANT UNE PERIPHERIE A ELEMENTS MULTIPLES, ET SON MODE DE FABRICATION**  
[72] ITOH, MITSURU, JP  
[72] TAKEUCHI, ICHIRO, JP  
[72] MIYASHITA, SATORU, JP  
[71] TOPY KOGYO KABUSHIKI KAISHA, JP  
[22] 1999-07-30  
[43] 2000-02-07  
[30] JP (HEI 10-224781) 1998-08-07  
[30] JP (HEI 11-53466) 1999-03-02

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[21] **2,279,162**  
[13] A1

[51] **Int.Cl. 6G03G 9/097**  
[25] EN  
[54] **TONER COMPOSITIONS**  
[54] **COMPOSITIONS DE TONER**  
[72] BERTRAND, JACQUES C., US  
[72] BAYLEY, DENISE R., US  
[72] CICCARELLI, ROGER N., US  
[72] PICKERING, THOMAS R., US  
[72] COMBES, JAMES R., CA  
[71] XEROX CORPORATION, US  
[22] 1999-07-30  
[43] 2000-02-11  
[30] US (09/132,623) 1998-08-11

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[21] **2,279,171**  
[13] A1

[51] **Int.Cl. 6B22F 1/00 6C21D 1/74**  
[25] EN  
[54] **METHOD FOR DE-LUBRICATING POWDER METAL COMPACTS**  
[54] **PROCEDE DE DELUBRIFICATION DE BRIQUETTES DE POUDRE METALLIQUE**  
[72] BOWE, DONALD JAMES, US  
[72] MARSDEN, JAMES GARFIELD, US  
[72] GARG, DIWAKAR, US  
[72] BERGER, KERRY RENARD, US  
[72] LI, XIANMING, US  
[71] AIR PRODUCTS AND CHEMICALS, INC., US  
[22] 1999-07-30  
[43] 2000-02-07  
[30] US (09/131,269) 1998-08-07

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[21] **2,279,289**  
[13] A1

[51] **Int.Cl. 6H01H 85/38**  
[25] EN  
[54] **ENCAPSULATED FUSE WITH CORONA SHIELD**  
[54] **FUSIBLE ENCAPSULE DOTE D'UN ECRAN ANTI-COURONNE**  
[72] STEPNIAK, FRANK M., US  
[71] THOMAS & BETTS INTERNATIONAL, INC., US  
[22] 1999-07-30  
[43] 2000-02-07  
[30] US (130,860) 1998-08-07

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[21] **2,279,336**  
[13]

[51] **Int.Cl. 6G01M 17/10**  
[25] EN  
[54] **MEASUREMENT INSTALLATION AND PROCESS FOR LATHING PARAMETERS OF A RAILWAY SECTION**  
[54] **BANC DE MESURE ET MESURE DES PARAMETRES DE LATTAGE D'UN TRONCON DE VOIE FERREE**  
[72] SANCHEZ REVUELTA, ANGEL LUIS, ES  
[72] GOMEZ GOMEZ, CARLOS JAVIER, ES  
[71] PATENTES TALGO, S.A., ES  
[22] 1999-07-29  
[43] 2000-02-12  
[30] ES (P9801743 (8)) 1998-08-12

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[21] **2,279,422**  
[13] A1

[51] **Int.Cl. 6C04B 38/10 6E01F 15/00**  
[25] EN  
[54] **SHOCK ABSORBER AND METHOD FOR PRODUCING THE SAME, AND FILLER FOR THE SAME**  
[54] **AMORTISSEUR, MATIERE DE REMPLISSAGE POUR AMORTISSEUR, ET MODE DE FABRICATION DE L'AMORTISSEUR**  
[72] NISHIBORI, SADA O, JP  
[72] HOSHIMURA, HIDEJI, JP  
[71] HOSHIMURA, HIDEJI, JP  
[71] EIN KOHSAN CO., LTD., JP  
[22] 1999-08-02  
[43] 2000-02-07  
[30] JP (10-224800) 1998-08-07

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[21] **2,279,437**  
[13] A1

[51] **Int.Cl. 6G03G 9/097**  
[25] EN  
[54] **TONER COMPOSITIONS**  
[54] **COMPOSITIONS DE TONER**  
[72] BAYLEY, DENISE R., US  
[72] PICKERING, THOMAS R., US  
[72] CICCARELLI, ROGER N., US  
[72] BERTRAND, JACQUES C., US  
[71] XEROX CORPORATION, US  
[22] 1999-07-30  
[43] 2000-02-11  
[30] US (09/132,188) 1998-08-11

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[21] **2,279,442**  
[13] A1

[51] **Int.Cl. 6H01H 9/02**  
[25] EN  
[54] **AN IN-LINE SWITCH ASSEMBLY**  
[54] **ASSEMBLAGE DE COMMUTATEUR INTEGRE**  
[72] BALABAN, DAVID B., US  
[71] LEVITON MANUFACTURING CO., INC., US  
[22] 1999-07-30  
[43] 2000-02-07  
[30] US (09/131,086) 1998-08-07

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[21] **2,279,445**  
[13] A1

[51] **Int.Cl. 6E04C 2/24 6E04B 9/00 6E04B 1/86**  
[25] EN  
[54] **REINFORCED CEILING PANELS**  
[54] **PANNEAUX DE PLAFOND RENFORCES**  
[72] FELEGI, JOHN JR., US  
[72] FRANTZ, WILLIAM H., US  
[72] WIKER, ANTHONY L., US  
[72] ZIEGLER, DANIEL C., US  
[72] PATEL, KARTIK A., US  
[71] ARMSTRONG WORLD INDUSTRIES, INC., US  
[22] 1999-07-30  
[43] 2000-02-07  
[30] US (09/131,153) 1998-08-07

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[21] **2,279,450**  
[13] A1

[51] **Int.Cl. 6B41J 2/07**  
[25] EN  
[54] **INK FEEDING CIRCUIT DEVICE FOR RASTER DRAWING MACHINES**  
[54] **DISPOSITIF DE CIRCUIT D'ALIMENTATION EN ENCRE POUR MACHINES DE DESSIN A BALAYAGE (DESSIN RASTER)**  
[72] ANDRADA GALAN, MARIO, ES  
[72] PÉREZ GONZALEZ, JOSÉ RAMON, ES  
[71] INVESTRONICA SISTEMAS, S.A., ES  
[22] 1999-08-03  
[43] 2000-02-07  
[30] ES (U 9802121) 1998-08-07

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[21] **2,279,470**  
[13] A1

[51] **Int.Cl. 6F16B 37/00 6F16B 37/08**  
[25] EN  
[54] **ARTICLE SNAPPABLE ONTO A THREADED ROD AND USE THEREOF**  
[54] **ARTICLE CONCU POUR ENGAGEMENT ENCLIQUETABLE AVEC UNE TIGE A FILETAGE ET APPLICATIONS POUR CET ARTICLE**  
[72] COURTIN, CHRISTIAN, FR  
[71] I.T.W. DE FRANCE, FR  
[22] 1999-07-30  
[43] 2000-02-07  
[30] FR (9810208) 1998-08-07

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[21] **2,279,501**  
[13] A1

[51] **Int.Cl. 6A61K 7/025 6A61K 7/021**  
[25] FR  
[54] **COMPOSITION DE MAQUILLAGE OU DE SOIN SANS TRANSFERT CONTENANT UNE SILICONE LINEAIRE VOLATILE**  
[54] **MAKEUP OR CARE COMPOUNDS WHICH WILL NOT TRANSFER AND WHICH CONTAIN A LINEAR VOLATILE SILICONE**  
[72] FOURON, JEAN-YVES, FR  
[72] AUGUSTE, FRÉDÉRIC, FR  
[72] ARNAUD, PASCAL, FR  
[71] L'ORÉAL, FR  
[22] 1999-08-02  
[43] 2000-02-10  
[30] FR (98 10 256) 1998-08-10  
[30] FR (98 11 065) 1998-09-04

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[21] **2,279,556**  
[13] A1

[51] **Int.Cl. 6C22C 23/02 6B22D 17/00 6B22D 21/04**  
[25] EN  
[54] **MAGNESIUM ALLOY FOR HIGH TEMPERATURE APPLICATIONS**  
[54] **ALLIAGE A MAGNESIUM POUR DES APPLICATIONS A HAUTE TEMPERATURE**  
[72] BOHLING, PETER, DE  
[72] KAINER, KARL ULRICH, DE  
[72] BRONFIN, BORIS, IL  
[72] AGHION, ELIYAHU, IL  
[72] SCHUMANN, SOENKE, DE  
[71] DEAD SEA MAGNESIUM LTD., IL  
[71] VOLKSWAGEN AG, DE  
[22] 1999-08-03  
[43] 2000-02-06  
[30] IL (125681) 1998-08-06

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[21] **2,279,565**  
[13] A1

[51] **Int.Cl. 6G01M 17/00**  
[25] EN  
[54] **AUTOMATED SUSPENSION CORRECTION FOR TWIN I-BEAM SUSPENSIONS**  
[54] **CORRECTION AUTOMATISEE DANS UN SYSTEME DE SUSPENSION A CYLINDRE EN I DOUBLE**  
[72] HEALY, DONALD A., US  
[71] SNAP-ON TECHNOLOGIES, INC., US  
[22] 1999-08-03  
[43] 2000-02-07  
[30] US (09/130,727) 1998-08-07

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[21] **2,279,567**  
[13] A1

[51] **Int.Cl. 6F15B 15/28 6B66F 9/075 6B66F 9/08**  
[25] EN  
[54] **POSITION DETECTOR FOR FLUID CYLINDER**  
[54] **DETECTEUR DE POSITIONNEMENT POUR CYLINDRE A FLUIDE**  
[72] NAGAI, KATSUMI, JP  
[71] KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, JP  
[22] 1999-08-03  
[43] 2000-02-07  
[30] JP (10-224946) 1998-08-07  
[30] JP (10-241707) 1998-08-27

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[21] **2,279,568**  
[13]

[51] **Int.Cl. 6G01M 17/10**  
[25] EN  
[54] **INSTALLATION AND PROCESS FOR MEASURING THE UNROUNDNESS AND DIAMETER OF RAILWAY WHEELS**  
[54] **BANC DE MESURE ET MESURE DU MANQUE D'ARRONDI ET DU DIAMETRE DES ROUES DE TRAINS**  
[72] GOMEZ GOMEZ, CARLOS JAVIER, ES  
[72] SANCHEZ REVUELTA, ANGEL LUIS, ES  
[72] LOPEZ GOMEZ, JOSÉ LUIS, ES  
[71] PATENTES TALGO, S.A., ES  
[22] 1999-07-29  
[43] 2000-02-12  
[30] ES (P9801744) 1998-08-12

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[21] **2,279,570**  
[13] A1

[51] **Int.Cl. 6B65G 5/00**  
[25] EN  
[54] **UNDERGROUND STORAGE VAULT**  
[54] **ENCEINTE DE STOCKAGE SOUTERRAINE**  
[72] MISIEWICZ-DELZOTTO, LAURA, US  
[72] STANTON, KELLY, US  
[71] GUARDIAN CONTAINMENT CORP., US  
[22] 1999-07-30  
[43] 2000-02-11  
[30] US (09/132,418) 1998-08-11  
[30] US (09/211,023) 1998-12-14

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[21] **2,279,585**  
[13] A1

[51] **Int.Cl. 6H04L 27/18**  
[25] EN  
[54] **METHOD AND SYSTEM FOR TRANSMITTING INFORMATION BY MEANS OF PHASE MODULATION**  
[54] **METHODE ET SYSTEME DE TRANSMISSION DE L'INFORMATION AU MOYEN DE LA MODULATION DE PHASE**  
[72] HEIDE, JOSEF, DE  
[71] ALCATEL, FR  
[22] 1999-08-03  
[43] 2000-02-08  
[30] DE (198 35 952.7) 1998-08-08

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[21] **2,279,599**  
[13] A1

[51] **Int.Cl. 6F16L 33/04**  
[25] EN  
[54] **HOSE CLAMP**  
[54] **COLLIER DE SERRAGE**  
[72] ANDERSEN, JOHN L., US  
[71] BUILDER'S BEST, INC., US  
[22] 1999-08-04  
[43] 2000-02-11  
[30] US (09/131,990) 1998-08-11  
[30] US (09/327,729) 1999-06-08

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[21] **2,279,605**  
[13] A1

[51] **Int.Cl. 6H04B 10/08**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MONITORING DISPERSIVE-WAVE ENERGY TO INDICATE AND OPTIMIZE SOLITON TRANSMISSION PERFORMANCE**  
[54] **METHODE ET APPAREIL POUR LE CONTROLE DE L'ENERGIE DE VAGUES DISPERSIVES POUR INDIQUER ET OPTIMISER LE RENDEMENT DE LA TRANSMISSION PAR IMPULSION SOLITON**  
[72] SAUNDERS, ROSS ALEXANDER, GB  
[71] PIRELLI CABLES & SYSTEMS, L.L.C., US  
[22] 1999-08-04  
[43] 2000-02-10  
[30] US (09/132,014) 1998-08-10

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[21] **2,279,607**  
[13] A1

[51] **Int.Cl. 6H01Q 1/08**  
[25] EN  
[54] **EXTENDIBLE WHIP ANTENNA ASSEMBLY WITH A WHIP ANTENNA HAVING A NOTCHED STOPPER**  
[54] **ASSEMBLAGE D'ANTENNE A FOUET EXTENSIBLE OFFRANT UNE ANTENNE AYANT UN ARRETOIR ENCOCHE**  
[72] ISHIKAWA, SHIGEKAZU, JP  
[71] TOKIN CORPORATION, JP  
[22] 1999-08-04  
[43] 2000-02-07  
[30] JP (224089/1998) 1998-08-07

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February 6, 2000 - February 12, 2000

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[21] **2,279,609**  
[13] A1  
[51] **Int.Cl. 6F16F 15/10 6B65H 27/00 6G01H 17/00**  
[25] EN  
[54] **DEVICE TO ACTIVELY WEAKEN UNDESIRABLE VIBRATIONS IN A ROTATING ROLL; DEVICE FOR TREATMENT OF A MATERIAL WEB; SPECIFICALLY A PAPER OR CARDBOARD WEB**  
[54] **DISPOSITIF POUR AFFAIBLIR ACTIVEMENT D'INDESIRABLES VIBRATIONS DANS DES ROULEAUX ROTATIFS; DISPOSITIF POUR TRAITER UNE BANDE DE MATERIAU; PARTICULIEREMENT UNE BANDE DE PAPIER OU DE CARTON**  
[72] KLUG, ALEXANDER, DE  
[72] KUSTERMANN, MARTIN, DE  
[71] VOITH SULZER PAPIERTECHNIK PATENT GMBH, DE  
[22] 1999-08-03  
[43] 2000-02-06  
[30] DE (198 35 649.8) 1998-08-06  
[30] DE (199 30 600.1) 1999-07-02

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[21] **2,279,611**  
[13] A1  
[51] **Int.Cl. 6G01K 1/14**  
[25] EN  
[54] **TEMPERATURE SENSOR**  
[54] **CAPTEUR DE TEMPERATURE**  
[72] PLATT, ROBERT JOHN, US  
[71] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[22] 1999-08-04  
[43] 2000-02-07  
[30] US (131,108) 1998-08-07

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[21] **2,279,621**  
[13] A1  
[51] **Int.Cl. 6A24F 15/12 6B65D 85/12 6A24F 13/14**  
[25] EN  
[54] **CASE FOR RETAINING A CIGAR OR OTHER ARTICLE**  
[54] **ETUI PORTE-CIGARE POLYVALENT**  
[72] JARRETT, BLAKE, CA  
[72] SLATER, PETER, CA  
[72] ROOT, GERALD M., CA  
[71] JARRETT, BLAKE, CA  
[71] SLATER, PETER, CA  
[71] ROOT, GERALD M., CA  
[22] 1999-08-04  
[43] 2000-02-06  
[30] US (09/130,146) 1998-08-06

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[21] **2,279,624**  
[13] A1  
[51] **Int.Cl. 6F16L 55/162 6F16L 41/08**  
[25] EN  
[54] **BRANCH PIPE LINER BAG AND PIPE LINING METHOD**  
[54] **SAC-DOUBLURE POUR TUYAU DE DERIVATION ET METHODE DE DOUBLURE DE TUYAU**  
[72] AOKI, HIROYUKI, JP  
[72] ENDOH, SHIGERU, JP  
[72] KAMIYAMA, TAKAO, JP  
[72] YOKOSHIMA, YASUHIRO, JP  
[71] SHONAN GOSEI-JUSHI SEISAKUSHO K.K., JP  
[71] OAR COMPANY, JP  
[71] YOKOSHIMA & COMPANY, JP  
[71] GET INC., JP  
[22] 1999-08-04  
[43] 2000-02-06  
[30] JP (10-223061) 1998-08-06

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[21] **2,279,627**  
[13] A1  
[51] **Int.Cl. 6B01J 3/02**  
[25] EN  
[54] **METHOD FOR METERING A MEDIUM WHICH IS LIQUID, GASEOUS OR IN THE SUPERCRITICAL STATE, INTO A PRESSURE REACTOR**  
[54] **TECHNIQUE DE DOSAGE D'UN MEDIUM LIQUIDE, GAZEUX OU EN ETAT SUPERCRITIQUE POUR ALIMENTATION D'UN REACTEUR A PRESSION**  
[72] HLAWITSCHKA, WERNER, DE  
[72] HILDEBRANDT, VOLKER, DE  
[72] BREEDE, KNUT, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[22] 1999-08-04  
[43] 2000-02-07  
[30] DE (198 35 914.4) 1998-08-07

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[21] **2,279,633**  
[13] A1  
[51] **Int.Cl. 6B03B 7/00 6B09C 1/02 6G21F 9/30**  
[25] EN  
[54] **PROCESS FOR SEPARATING RADIOACTIVE AND HAZARDOUS METAL CONTAMINANTS FROM SOILS**  
[54] **PROCEDE POUR EXTRAIRE DES CONTAMINANTS RADIOACTIFS ET DANGEREUX DES SOLS**  
[72] VAN DE STEEG, GARET E., US  
[72] BAILEY, KEITH L., US  
[71] KERR-MCGEE CHEMICAL LLC, US  
[22] 1999-08-03  
[43] 2000-02-07  
[30] US (09/131,259) 1998-08-07

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[21] **2,279,653**  
[13] A1  
[51] **Int.Cl. 6B44D 3/18**  
[25] EN  
[54] **ARTIST BOARD**  
[54] **PLANCHE A DESSIN POUR PEINTRE**  
[72] BLAND, CHARLES, CA  
[71] BLAND, CHARLES, CA  
[22] 1999-08-06  
[43] 2000-02-06  
[30] US (09/129,766) 1998-08-06

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[21] **2,279,654**  
[13] A1  
[51] **Int.Cl. 6H02H 9/08**  
[25] EN  
[54] **HIGH RESISTANCE GROUNDING SYSTEMS FOR OIL WELL ELECTRICAL SYSTEMS**  
[54] **SYSTEMES DE MISE A LA TERRE A HAUTE RESISTANCE POUR SYSTEMES ELECTRIQUES DE Puits DE PETROLE**  
[72] BERKOPEC, WILLIAM E., US  
[72] JAESCHKE, JAMES R., US  
[72] SHIPP, DAVID D., US  
[72] BAIER, MARTIN, US  
[71] EATON CORPORATION, US  
[22] 1999-08-06  
[43] 2000-02-07  
[30] US (09/130,568) 1998-08-07

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**6 février 2000 - 12 février 2000**

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[21] **2,279,656**  
[13] A1

[51] **Int.Cl. 6B60S 1/52**  
[25] EN  
[54] **WINDOW WASHER NOZZLE ASSEMBLY HAVING A FAVORABLE SPRAY PATTERN**  
[54] **BUSETTE POUR LAVE-GLACE AYANT UNE REPARTITION AVANTAGEUSE DE LA PULVERISATION**  
[72] TAKAYAMA, AKIRA, JP  
[72] YOSHIDA, YASUHIKO, JP  
[72] IWAZAKI, KOJI, JP  
[72] KONDO, TAKATOSHI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[71] MITSUBA CORPORATION, JP  
[22] 1999-08-06  
[43] 2000-02-06  
[30] JP (10-222500) 1998-08-06

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[21] **2,279,658**  
[13] A1

[51] **Int.Cl. 6B65D 33/06 6B31B 31/00**  
[25] EN  
[54] **PLASTIC BAG AND METHOD OF MAKING THE SAME**  
[54] **SAC EN PLASTIQUE ET METHODE DE FABRICATION CONNEXE**  
[72] GARROCHO, JOSE, CA  
[71] MARKO I.R.D.C. INC., CA  
[22] 1999-08-06  
[43] 2000-02-07  
[30] CA (2,242,109) 1998-08-07

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[21] **2,279,659**  
[13] A1

[51] **Int.Cl. 6A01K 3/00 6E04H 17/26**  
[25] EN  
[54] **SUPPORT MEMBER FOR USE IN CONSTRUCTING ELECTRIFIED FENCE**  
[54] **PIECE DE SOUTIEN POUR UTILISATION DANS LA CONSTRUCTION DE CLOTURES ELECTRIFIEES**  
[72] BALL, ALLAN J., CA  
[72] AIKEN, JAMES R., CA  
[71] ONTARIO POWER GENERATION INC., CA  
[22] 1999-08-06  
[43] 2000-02-07  
[30] US (09/130,514) 1998-08-07

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[21] **2,279,661**  
[13] A1

[51] **Int.Cl. 6A61B 17/32**  
[25] EN  
[54] **TISSUE DISSECTOR APPARATUS AND METHOD**  
[54] **DISSECTEUR DE TISSUS ET METHODE CONNEXE**  
[72] CHIN, ALBERT K., US  
[71] ORIGIN MEDSYSTEMS, INC., US  
[22] 1999-08-05  
[43] 2000-02-12  
[30] US (09/133,136) 1998-08-12

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[21] **2,279,692**  
[13] A1

[51] **Int.Cl. 6C07D 213/73 6A61K 31/44 6A61K 31/535 6C07D 213/74**  
[25] EN  
[54] **4-AMINO-1-ARYLPYRIDIN-2-ONES AND PROCESS FOR MAKING**  
[54] **4-AMINO-1-ARYLPYRIDINE-2-ONES ET PROCEDE DE PRODUCTION CONNEXE**  
[72] UNVERFERTH, KLAUS, DE  
[72] GRIZIK, SOFIA, RU  
[72] ARNOLD, THOMAS, DE  
[72] LANKAU, HANS-JOACHIM, DE  
[72] ROSTOCK, ANGELIKA, DE  
[72] BARTSCH, RENI, DE  
[72] GRANIK, VLADIMIR, RU  
[71] ARZNEIMITTELWERK DRESDEN GMBH, DE  
[22] 1999-08-05  
[43] 2000-02-07  
[30] DE (198 35 918.7) 1998-08-07

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[21] **2,279,694**  
[13] A1

[51] **Int.Cl. 6G08C 17/00 6G01V 1/22 6H04Q 7/30 6H04Q 7/36**  
[25] EN  
[54] **SEISMIC TELEMETRY SYSTEM**  
[54] **SYSTEME DE TELEMETRIE SISMIQUE**  
[72] BEHN, LAWRENCE P., US  
[72] AFKAMI, KAMBIZ, US  
[72] BUIE, THOMAS, US  
[72] ISELL, JAMES, US  
[72] BARNETT, JOHN E., JR., US  
[72] LEETE, THOMAS G., US  
[71] INPUT/OUTPUT, INC., US  
[22] 1999-08-06  
[43] 2000-02-07  
[30] US (60/095,696) 1998-08-07  
[30] US (60/095,792) 1998-08-07

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[21] **2,279,698**  
[13] A1

[51] **Int.Cl. 6C25C 7/02 6C25C 3/12**  
[25] EN  
[54] **A DIMENSIONALLY STABLE ANODE FOR ELECTROLYSIS, METHOD FOR MAINTAINING DIMENSIONS OF ANODE DURING ELECTROLYSIS**  
[54] **ANODE DE DIMENSIONS STABLES POUR ELECTROLYSE ET METHODE POUR MAINTENIR STABLES LES DIMENSIONS D'UNE ANODE PENDANT L'ELECTROLYSE**  
[72] CALAWAY, WALLIS F., JR., US  
[72] WOLSKY, ALAN M., US  
[72] PELLIN, MICHAEL J., US  
[72] HRYN, JOHN N., US  
[71] UNIVERSITY OF CHICAGO, US  
[22] 1999-08-05  
[43] 2000-02-06  
[30] US (09/129,960) 1998-08-06

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[21] **2,279,701**  
[13] A1

[51] **Int.Cl. 6C08G 18/48 6A61K 7/00 6C09J 175/04 6D21H 19/24 6A61K 7/48**  
[25] EN  
[54] **NOVEL ASSOCIATIVE THICKENERS FOR AQUEOUS SYSTEMS**  
[54] **EPAISSISSANTS ASSOCIATIFS NOUVEAUX POUR SYSTEMES AQUEUX**  
[72] VERSTRAT, DANIEL W., US  
[72] MONTAGUE, PETER G., US  
[72] KIELBANIA, ANDREW J. JR., US  
[72] KUKKALA, PRAVIN K., US  
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US  
[22] 1999-08-04  
[43] 2000-02-06  
[30] US (09/129,990) 1998-08-06

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[21] **2,279,703**  
[13] A1

[51] **Int.Cl. 6A61G 17/00**  
[25] EN  
[54] **A THEMATIC CASKET AND URN ASSEMBLY**  
[54] **ENSEMBLE DE CERCUEIL ET D'URNE THEMATIQUE**  
[72] ROBERT, PASCAL, CA  
[71] VIC ROYAL CASKETS INC., CA  
[22] 1999-08-05  
[43] 2000-02-07  
[30] CA (2,242,113) 1998-08-07



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[21] **2,279,706**  
[13] A1

[51] **Int.Cl. 6G11B 15/28**  
[25] EN  
[54] **ONE PLAY VIDEO CASSETTE**  
[54] **VIDÉOCASSETTE A UNE**  
**LECTURE**  
[72] CAPOTOSTO, DAVID A., US  
[72] GELARDI, PAUL J., US  
[72] DUSSAULT, JAMES R., US  
[71] CAPOTOSTO, DAVID A., US  
[71] GELARDI, PAUL J., US  
[71] DUSSAULT, JAMES R., US  
[22] 1999-08-06  
[43] 2000-02-07  
[30] US (60/095,923) 1998-08-07

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[21] **2,279,709**  
[13]

[51] **Int.Cl. 6E05B 71/00**  
[25] EN  
[54] **BICYCLE WIRE LOCK SUPPORT**  
[54] **SUPPORT DE CABLE ANTIVOL**  
**POUR BICYCLETTE**  
[72] LIANG, XIN, CA  
[71] LIANG, XIN, CA  
[22] 1999-08-05  
[43] 2000-02-12  
[30] US (60/096,250) 1998-08-12

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[21] **2,279,712**  
[13] A1

[51] **Int.Cl. 6G02B 5/20 6H04J 14/02**  
**6H04B 10/17**  
[25] EN  
[54] **AN OPTICAL FILTER FOR USE IN**  
**OR WITH AN OPTICAL AMPLIFIER**  
[54] **FILTRE OPTIQUE POUR**  
**UTILISATION DANS UN**  
**AMPLIFICATEUR OPTIQUE OU AVEC**  
**UN TEL AMPLIFICATEUR**  
[72] CHENG, YIHAO, CA  
[72] ZIMMERMAN, DONALD R., US  
[71] JDS FITEL INC., CA  
[22] 1999-08-04  
[43] 2000-02-07  
[30] US (60/095,646) 1998-08-07  
[30] US (09/309,489) 1999-05-11

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[21] **2,279,713**  
[13] A1

[51] **Int.Cl. 6B41F 15/26 6B41F 15/02**  
[25] EN  
[54] **IMPROVEMENTS IN SCREEN**  
**PRINTING MACHINES**  
[54] **AMELIORATIONS DES**  
**MACHINES POUR L'IMPRESSON AU**  
**CADRE**  
[72] WILSON, ROBERT NEIL, AU  
[72] EPPINGER, OTTO RICHARD, AU  
[71] REEFDALE PROPRIETARY  
LIMITED, AU  
[22] 1999-08-05  
[43] 2000-02-06  
[30] AU (PP5068) 1998-08-06

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[21] **2,279,715**  
[13] A1

[51] **Int.Cl. 6B65D 5/08**  
[25] EN  
[54] **INTERPLANT BULK SHIPMENT**  
**CONTAINERS**  
[54] **CONTENEURS DE TRANSPORT**  
**EN VRAC INTER-INSTALLATIONS**  
[72] MIKULSKI, BARRY S., US  
[72] GREVEN, DOUGLAS A., US  
[72] PARKER, RICHARD L., US  
[71] GENERAL MILLS, INC., US  
[22] 1999-08-05  
[43] 2000-02-10  
[30] US (09/131,596) 1998-08-10

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[21] **2,279,716**  
[13] A1

[51] **Int.Cl. 6D04B 21/02**  
[25] EN  
[54] **LOOP FABRIC WITH**  
**INTERLACED CHAIN STITCHES**  
[54] **TISSU A TEXTURE BOUCLEE**  
**AVEC POINTS DE CHAINETTE**  
**ENTRELACES**  
[72] TERNON, GERARD LUCIEN ROGER,  
FR  
[71] MILLIKEN FABRICS S.A., FR  
[22] 1999-08-05  
[43] 2000-02-07  
[30] EP (98402014.9) 1998-08-07

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[21] **2,279,718**  
[13] A1

[51] **Int.Cl. 6B21D 5/00 6B21D 39/02**  
[25] EN  
[54] **MULTI-AXIS ROLLER HEMMER**  
[54] **OURLEUSE MULTIAXIALE A**  
**ROULEAUX**  
[72] SHOOK, JOHN B., US  
[72] WIENS, PHILIP V., CA  
[71] UNOVA IP CORP., US  
[22] 1999-08-05  
[43] 2000-02-11  
[30] US (09/132,577) 1998-08-11

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[21] **2,279,720**  
[13] A1

[51] **Int.Cl. 6B60N 2/10 6B60N 2/44**  
[25] EN  
[54] **SEAT FOLD MECHANISM**  
[54] **MECANISME POUR SIEGE**  
**PLIANT**  
[72] SHEA, PAUL H., US  
[71] DAIMLERCHRYSLER  
CORPORATION, US  
[22] 1999-08-05  
[43] 2000-02-06  
[30] US (09/130,418) 1998-08-06

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[21] **2,279,725**  
[13]

[51] **Int.Cl. 6A61K 7/043**  
[25] FR  
[54] **VERNIS-A-ONGLES AQUEUX A**  
**HAUTE VISCOSITE**  
[54] **HIGH-VISCOSITY AQUEOUS NAIL**  
**POLISH**  
[72] BERNARD, PASCALE, FR  
[72] DE LA POTERIE, VALÉRIE, FR  
[71] L'ORÉAL, FR  
[22] 1999-08-06  
[43] 2000-02-12  
[30] FR (98 10 333) 1998-08-12

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**6 février 2000 - 12 février 2000**

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[21] **2,279,732**  
[13] A1

[51] **Int.Cl. 6C12Q 1/48 6C07D 403/12 6A61K 31/33 6A61K 31/40 6A61K 31/41 6C07D 209/42 6A61K 31/44 6A61K 31/495 6A61K 31/535 6G01N 33/535 6A61K 31/54**  
[25] EN  
[54] **METHOD OF INHIBITION OF HUMAN GLYCOGEN PHOSPHORYLASE**  
[54] **METHODE POUR INHIBER LA PHOSPHORYLASE DE GLYCOGENE HUMAIN**  
[72] AMMIRATI, MARK, US  
[72] RATH, VIRGINIA LEIGH, US  
[72] HOOVER, DENNIS JAY, US  
[71] PFIZER PRODUCTS INC., US  
[22] 1999-08-05  
[43] 2000-02-07  
[30] US (60/095,790) 1998-08-07

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[21] **2,279,734**  
[13] A1

[51] **Int.Cl. 6A47K 10/20 6B65D 83/08**  
[25] EN  
[54] **PRODUCT HOUSING STACKED BODY OF WET TISSUES**  
[54] **BOITIER DE PRODUIT POUR PILES DE PAPIER HUMIDE**  
[72] BANDO, TAKESHI, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 1999-08-05  
[43] 2000-02-11  
[30] JP (226778/98) 1998-08-11

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[21] **2,279,737**  
[13] A1

[51] **Int.Cl. 6B29C 45/14 6B44C 5/04 6B29C 45/16**  
[25] EN  
[54] **DECORATIVE FILM FOR USE IN PLASTICS MOLDING, PROCESS FOR PREPARING THE SAME AND INJECTION-MOLDED PART BY USE OF THE SAME**  
[54] **PELLICULE DECORATIVE DESTINEE AU MOULAGE DES PLASTIQUES, SON MODE DE PREPARATION ET PIECE MOULEE PAR INJECTION EMPLOYANT CETTE PELLICULE**  
[72] TOMIYAMA, TAKESI, JP  
[72] KATO, TADAHIRO, JP  
[72] SEIKE, KOICHI, JP  
[72] HARUTA, NAOYA, JP  
[71] KANSAI PAINT CO., LTD., JP  
[22] 1999-08-05  
[43] 2000-02-06  
[30] JP (222823/98) 1998-08-06  
[30] JP (275538/98) 1998-09-29  
[30] JP (276818/98) 1998-09-30

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[21] **2,279,740**  
[13] A1

[51] **Int.Cl. 6C07D 251/34 6C07D 273/04 6C08G 18/80**  
[25] EN  
[54] **N,N'-DISUBSTITUTED N-(2-HYDROXYALKYL)-UREAS**  
[54] **UREES-N-(2-HYDROXYALKYLEES) N,N'-DISUBSTITUEES**  
[72] RUPRECHT, HANS-DIETER, DE  
[72] KOPP, RICHARD, DE  
[72] WUSSOW, HANS-GEORG, DE  
[72] BARNES, JAMES-MICHAEL, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1999-08-05  
[43] 2000-02-07  
[30] DE (19835703.6) 1998-08-07

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[21] **2,279,742**  
[13] A1

[51] **Int.Cl. 6C08L 75/04 6C08L 23/02 6C08L 33/02 6C08L 31/04 6C08L 23/16**  
[25] EN  
[54] **COMPATIBLE BLENDS OF THERMOPLASTIC POLYURETHANE WITH CERTAIN POLYOLEFINS**  
[54] **MELANGES COMPATIBLES DE POLYURETHANNE THERMOPLASTIQUE ET DE CERTAINS POLYOLEFINES**  
[72] ARCHHEY, RICK L., US  
[72] CIEBIEN, JANE F., US  
[72] NOBLE, H. LEE, US  
[71] BAYER CORPORATION, US  
[22] 1999-08-05  
[43] 2000-02-11  
[30] US (09/132,575) 1998-08-11

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[21] **2,279,743**  
[13] A1

[51] **Int.Cl. 6A61K 47/48 6A61K 38/18**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION OF HEDGEHOG PROTEINS AND USE THEREOF**  
[54] **COMPOSITION PHARMACEUTIQUE DOTEE DE PROTEINES D'HERISSON ET UTILISATION CONNEXE**  
[72] PAPADIMITRIOU, APOLLON, DE  
[71] F.HOFFMANN-LA ROCHE AG, CH  
[22] 1999-08-04  
[43] 2000-02-07  
[30] EP (98114851.3) 1998-08-07  
[30] EP (98116734.9) 1998-09-03

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[21] **2,279,744**  
[13] A1

[51] **Int.Cl. 6C25D 5/02**  
[25] EN  
[54] **A CAR BODY COATING PROCESS**  
[54] **PROCEDE DE REVETEMENT DE CARROSSERIE**  
[72] HIRAKI, TADAYOSHI, JP  
[72] WATANABE, TADASHI, JP  
[72] YAWATA, TAKESHI, JP  
[72] TOMINAGA, AKIRA, JP  
[71] KANSAI PAINT CO., LTD., JP  
[22] 1999-08-05  
[43] 2000-02-06  
[30] JP (233,508/98) 1998-08-06  
[30] JP (149,988/99) 1999-05-28

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[21] **2,279,747**  
[13] A1  
[51] **Int.Cl. 6A61K 31/47 6A61K 31/40  
6A61K 31/435 6A61K 31/44 6A61K 31/445**  
[25] EN  
[54] **ESTROGEN AGONISTS/  
ANTAGONISTS**  
[54] **AGONISTES/ANTAGONISTES  
OESTROGENIQUES**  
[72] DASILVA-JARDINE, PAUL  
ANDREW, US  
[72] CAMERON, KIMBERLY O'KEEFE,  
US  
[72] ROSATI, ROBERT LOUIS, US  
[72] KE, HUA ZHU, US  
[71] PFIZER PRODUCTS INC., US  
[22] 1999-08-04  
[43] 2000-02-06  
[30] US (60/095,522) 1998-08-06

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[21] **2,279,754**  
[13] A1  
[51] **Int.Cl. 6H04B 7/216**  
[25] EN  
[54] **A TIME SLOT INCLUDING  
REFERENCE SYMBOLS USED IN A  
CDMA TYPE TRANSMISSION  
NETWORK**  
[54] **INTERVALLE DE TEMPS  
COMPRENANT DES SYMBOLES DE  
REFERENCE UTILISE DANS UN  
RESEAU DE TRANSMISSION DE TYPE  
ACCES MULTIPLE PAR REPARTITION  
DE CODE**  
[72] DE CACQUERAY, BENOIT, FR  
[72] BEJJANI, ELIE, FR  
[72] BOUQUIER, JEAN-FRANÇOIS, FR  
[71] ALCATEL, FR  
[22] 1999-08-06  
[43] 2000-02-10  
[30] FR (98 10 240) 1998-08-10

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[21] **2,279,755**  
[13] A1  
[51] **Int.Cl. 6A23L 1/221**  
[25] EN  
[54] **METHOD FOR THE SELECTIVE  
CONCENTRATION AND SEPARATION  
OF AROMA MOLECULES BY  
ADSORPTION**  
[54] **PROCEDE DE CONCENTRATION  
SELECTIVE ET DE SEPARATION DE  
MOLECULES D'AROMES PAR  
ADSORPTION**  
[72] TREFFENFELDT, WILTRUD, DE  
[72] VOLLMER, HELGA, DE  
[72] PREUSS, ANDREA, DE  
[72] BERGER, RALF, DE  
[72] LATZA, ELKE, DE  
[72] KRINGS, ULRICH, DE  
[71] DEGUSSA-HULS  
AKTIENGESELLSCHAFT, DE  
[22] 1999-08-05  
[43] 2000-02-06  
[30] DE (198 35 542.4) 1998-08-06

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[21] **2,279,757**  
[13] A1  
[51] **Int.Cl. 6H04L 27/18 6H04B 7/216**  
[25] EN  
[54] **MULTIPLE USER CDMA BASE  
STATION MODEM**  
[54] **MODEM MULTI-UTILISATEURS A  
ACCES MULTIPLE PAR REPARTITION  
DE CODE POUR STATION DE BASE**  
[72] VAN HEESWYK, FRANK MARTIN,  
CA  
[72] NEWSON, PAUL, CA  
[71] NORTEL NETWORKS  
CORPORATION, CA  
[22] 1999-08-06  
[43] 2000-02-11  
[30] US (09/132,466) 1998-08-11

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[21] **2,279,760**  
[13]  
[51] **Int.Cl. 6H01R 33/945**  
[25] EN  
[54] **AN ADAPTER AND SOCKET  
ASSEMBLY FOR A COMPACT  
FLUORESCENT LAMP**  
[54] **ENSEMBLE ADAPTATEUR ET  
DOUILLE POUR LAMPE  
FLUORESCENTE COMPACTE**  
[72] PASTERNAK, BARTON A., US  
[71] ANGELO BROTHERS COMPANY,  
US  
[22] 1999-07-30  
[43] 2000-02-12  
[30] US (09/132,653) 1998-08-12

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[21] **2,279,761**  
[13] A1  
[51] **Int.Cl. 6A61B 17/70**  
[25] EN  
[54] **INSTRUMENT FOR THE  
POSITIONING OF AN IMPLANT IN  
THE HUMAN SPINE**  
[54] **INSTRUMENT SERVANT A  
POSITIONNER UN IMPLANT DANS  
L'EPINE DORSALE**  
[72] ROBIONEK, BERND, DE  
[72] WUISMAN, PAUL, NL  
[72] VLASAK, RICHARD, US  
[72] KOTZ, RAINER, AT  
[72] WINDHAGER, RAINHARD, AT  
[72] LUTZ, CHRISTIAN, DE  
[71] HOWMEDICA GMBH, DE  
[22] 1999-08-06  
[43] 2000-02-07  
[30] DE (298 14 174.4) 1998-08-07

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[21] **2,279,772**  
[13] A1  
[51] **Int.Cl. 6B60G 11/27**  
[25] EN  
[54] **LEVEL ADJUSTMENT DEVICE  
FOR VEHICLES WITH AIR SPRINGS**  
[54] **REGLAGE DE HAUTEUR POUR  
VEHICULES A RESSORTS  
PNEUMATIQUES**  
[72] WESTERKAMP, HELGE, DE  
[72] BEHMENBURG, CHRISTOF, DE  
[71] CONTINENTAL  
AKTIENGESELLSCHAFT, DE  
[22] 1999-08-04  
[43] 2000-02-06  
[30] DE (198 35 491.6) 1998-08-06

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[21] **2,279,773**  
[13] A1  
[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **TELECOMMUNICATIONS  
SYSTEM**  
[54] **SYSTEME DE  
TELECOMMUNICATIONS**  
[72] CAVES, KEITH, GB  
[71] NORTEL NETWORKS  
CORPORATION, CA  
[22] 1999-08-09  
[43] 2000-02-10  
[30] GB (9817411.3) 1998-08-10

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[21] **2,279,776**  
[13] A1

[51] **Int.Cl. 6H04L 29/06 6H04L 12/56**  
[25] EN  
[54] **UNIVERSAL TRANSFER METHOD AND NETWORK WITH DISTRIBUTED SWITCH**  
[54] **METHODE UNIVERSELLE DE TRANSFERT ET RESEAU MUNI D'UN COMMUTATEUR REPARTI**  
[72] BESHAI, MAGED E., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-08-06  
[43] 2000-02-11  
[30] US (09/132,465) 1998-08-11

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[21] **2,279,778**  
[13] A1

[51] **Int.Cl. 6G01T 1/16 6A61N 5/00 6G01N 23/203**  
[25] EN  
[54] **SYSTEM AND METHOD FOR USING PRECALCULATED STRIPS IN CALCULATING SCATTER RADIATION**  
[54] **SYSTEME ET METHODE POUR UTILISER DES BANDES DE VALEURS PREDEFINIES POUR LE CALCUL DE LA RADIATION DIFFUSEE**  
[72] SIOCHI, RAMON ALFREDO CARVALHO, US  
[71] SIEMENS MEDICAL SYSTEMS, INC., US  
[22] 1999-08-06  
[43] 2000-02-10  
[30] US (60/095,988) 1998-08-10  
[30] US (09/178,526) 1998-10-23

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[21] **2,279,779**  
[13] A1

[51] **Int.Cl. 6C07D 211/42 6C07D 401/12 6C07D 211/52 6C07D 211/70**  
[25] EN  
[54] **PROCESS FOR SUBSTITUTED PIPERIDINES**  
[54] **PROCEDE RELIE A DES PIPERIDINES SUBSTITUEES**  
[72] VIEIRA, ERIC, CH  
[72] LOHRI, BRUNO, CH  
[72] SCHMID, RUDOLF, CH  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 1999-08-06  
[43] 2000-02-10  
[30] EP (98114974.3) 1998-08-10

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[21] **2,279,781**  
[13] A1

[51] **Int.Cl. 6D21F 7/08**  
[25] EN  
[54] **PAPERMAKING BELT**  
[54] **COURROIE DE FABRICATION DU PAPIER**  
[72] SAKUMA, NORIO, JP  
[72] IKEDA, HARUSHIGE, JP  
[71] ICHIKAWA CO., LTD., JP  
[22] 1999-08-06  
[43] 2000-02-06  
[30] JP (236579/1998) 1998-08-06  
[30] JP (128503/1999) 1999-05-10

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[21] **2,279,783**  
[13] A1

[51] **Int.Cl. 6C07C 69/716 6C07C 67/02 6C07F 5/02 6C07C 67/03 6C07F 7/08 6C07C 201/12 6C07C 227/18 6C07C 69/738**  
[25] EN  
[54] **PROCESS FOR TRANSESTERIFYING .ALPHA.-KETOCARBOXYLIC ESTERS**  
[54] **PROCEDE DE TRANSESTERIFICATION D'ESTERS D'.ALPHA.-KETOCARBOXYLIQUES**  
[72] FRIEDHUBER, JOHANN, AT  
[72] ZIMMERMANN, CURT, AT  
[71] DSM FINE CHEMICALS AUSTRIA GMBH, AT  
[22] 1999-08-06  
[43] 2000-02-07  
[30] AT (A 1365/98) 1998-08-07

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[21] **2,279,789**  
[13] A1

[51] **Int.Cl. 6F24F 6/04 6F24F 11/02**  
[25] EN  
[54] **HUMIDIFIER WICK ASSEMBLY WITH FLOAT ROD RETAINER**  
[54] **ASSEMBLAGE DE MECHE D'HUMIDIFICATEUR AVEC DISPOSITIF DE RETENUE DU BATON LESTE**  
[72] ANDERSON, BARRY G., US  
[71] BEMIS MANUFACTURING COMPANY, US  
[22] 1999-08-06  
[43] 2000-02-07  
[30] US (09/130,794) 1998-08-07

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[21] **2,279,792**  
[13]

[51] **Int.Cl. 6F16L 59/04 6E04B 1/76**  
[25] EN  
[54] **LAMP GLASS THERMAL INSULATION AND METHOD**  
[54] **ISOLANT THERMIQUE POUR VERRE DE LAMPE**  
[72] SEWILL, DENNIS, US  
[71] SEWILL, DENNIS, US  
[22] 1999-08-06  
[43] 2000-02-12  
[30] US (09/132,719) 1998-08-12

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[21] **2,279,794**  
[13] A1

[51] **Int.Cl. 6C03B 23/20**  
[25] EN  
[54] **GLASS FUSING METHOD AND DEVICE**  
[54] **METHODE ET DISPOSITIF DE PLACAGE DU VERRE**  
[72] IWASAKI, YASUKUNI, JP  
[72] HOSOYA, TAKASHI, JP  
[72] KONDOU, TAKAHIKO, JP  
[72] TAKIGAWA, SHIROU, JP  
[72] TAKEUCHI, KIYOSHI, JP  
[71] SHINMAYWA INDUSTRIES, LTD., JP  
[22] 1999-08-06  
[43] 2000-02-07  
[30] JP (10-224732) 1998-08-07  
[30] JP (11-22358) 1999-01-29

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[21] **2,279,795**  
[13] A1

[51] **Int.Cl. 6B01F 17/56 6A61K 9/06 6B01F 17/22 6A61K 7/48**  
[25] EN  
[54] **EMULSIFIER AND EMULSIFIED COMPOSITION**  
[54] **PRODUIT EMULSIFIANT ET COMPOSITION EMULSIFIEE**  
[72] MURATA, KATSUMI, JP  
[71] KIBUN FOOD CHEMIFA CO., LTD., JP  
[22] 1999-08-06  
[43] 2000-02-07  
[30] JP (224048/1998) 1998-08-07

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[21] **2,279,796**  
[13] A1  
[51] **Int.Cl. 6C07D 401/04 6C07D 473/00 6C07D 401/14 6C07D 405/14 6C07D 409/14 6C07D 413/14 6C07D 417/14**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF SUBSTITUTED PYRIDINES**  
[54] **PROCEDE DE PREPARATION DE PYRIDINES SUBSTITUEES**  
[72] KLINKHAMMER, UWE, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 1999-08-06  
[43] 2000-02-10  
[30] EP (98114978.4) 1998-08-10

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[21] **2,279,800**  
[13]  
[51] **Int.Cl. 6H05H 1/34 6B23K 10/00**  
[25] EN  
[54] **ELECTRODE FOR PLASMA ARC TORCH AND METHOD OF MAKING SAME**  
[54] **ELECTRODE POUR CHALUMEAU A ARC DE PLASMA**  
[72] STOKES, LARRY WADE, US  
[72] MARNER, ALFRED WILLIAM, US  
[72] TURNER, TOMMIE ZACK, US  
[72] SEVERANCE, WAYNE STANLEY, US  
[72] LYNCH, RUE ALLEN, US  
[72] NEMCHINSKY, VALERIAN, US  
[71] THE ESAB GROUP, INC., US  
[22] 1999-08-09  
[43] 2000-02-12  
[30] US (09/132.918) 1998-08-12

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[21] **2,279,805**  
[13] A1  
[51] **Int.Cl. 6F01L 1/12 6F01L 1/22**  
[25] EN  
[54] **VALVE OPENING AND CLOSING MECHANISM IN ENGINES**  
[54] **MECANISME POUR OUVRIR ET FERMER LES SOUPAPES D'UN MOTEUR**  
[72] HIGASHI, YOSHIKI, JP  
[72] CHIYOUJI, MASAMI, JP  
[72] IKEMURA, NORIHISA, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 1999-08-09  
[43] 2000-02-10  
[30] JP (10-225686) 1998-08-10

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[21] **2,279,806**  
[13] A1  
[51] **Int.Cl. 6G02F 1/35 6G02F 2/02**  
[25] EN  
[54] **NON-LINEAR OPTICAL SILICA THIN FILM MANUFACTURING METHOD AND NON-LINEAR OPTICAL SILICA ELEMENT**  
[54] **METHODE DE FABRICATION DE COUCHES MINCES OPTIQUES EN SILICE NON LINEAIRES ET ELEMENT OPTIQUE EN SILICE NON LINEAIRE**  
[72] HASEGAWA, HIROSHI, JP  
[72] KOMEDA, OSAMU, JP  
[71] TOYOTA JIDOSHA KUBISHIKI KAISHA, JP  
[22] 1999-08-09  
[43] 2000-02-07  
[30] JP (10-224840) 1998-08-07

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[21] **2,279,807**  
[13]  
[51] **Int.Cl. 6H01R 25/00 6H01R 9/07**  
[25] EN  
[54] **MULTIPHASE ELECTRICAL BUSBAR**  
[54] **BARRE OMNIBUS POLYPHASEE**  
[72] WEBER, RALF, DE  
[72] EPPE, KLAUS PETER, DE  
[72] SCHICK, PETER, DE  
[71] ABB PATENT GMBH, DE  
[22] 1999-08-09  
[43] 2000-02-12  
[30] DE (198 36 507.1) 1998-08-12

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[21] **2,279,810**  
[13] A1  
[51] **Int.Cl. 6B27D 1/04 6B32B 21/14**  
[25] EN  
[54] **PROCESS AND FACILITY FOR THE MANUFACTURE OF TIMBER-DERIVED PRODUCT BOARD OR VENEER LAMINATES**  
[54] **PROCESSUS ET INSTALLATION POUR LA FABRICATION DE PLANCHES DE BOIS OU DE FEUILLES DE PLACAGE STRATIFIEES**  
[72] BIELFELDT, FRIEDRICH B., DE  
[71] MASCHINENFABRIK J. DIEFFENBACHER GMBH & CO., DE  
[22] 1999-08-09  
[43] 2000-02-08  
[30] DE (1 98 35 988.8) 1998-08-08

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[21] **2,279,811**  
[13] A1  
[51] **Int.Cl. 6C09D 183/07**  
[25] EN  
[54] **RADIATION-CURABLE COATING COMPOSITIONS**  
[54] **COMPOSITIONS DURCISSABLES PAR RADIATION**  
[72] LERSCH, PETER, DE  
[72] DOHLER, HARDI, DE  
[72] HAMANN, WINFRIED, DE  
[72] EBBRECHT, THOMAS, DE  
[72] STADTMULLER, STEFAN, DE  
[71] TH. GOLDSCHMIDT AG, DE  
[22] 1999-08-09  
[43] 2000-02-11  
[30] DE (198 36 246.3) 1998-08-11

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[21] **2,279,812**  
[13] A1  
[51] **Int.Cl. 6C08G 65/32 6C09D 11/00 6C09D 17/00 6C09D 171/02 6C08J 3/20**  
[25] EN  
[54] **DISPERSANTS FOR PREPARING AQUEOUS PIGMENT PASTES**  
[54] **DISPERSANTS POUR LA PREPARATION DE PATES DE PIGMENT AQUEUSES**  
[72] WALLHORN, ELLEN, DE  
[72] BRANDT, PETRA, DE  
[72] KARMINSKI, HANS-LEO, DE  
[72] KNEBELKAMP, ARNO, DE  
[72] ESSELBORN, EBERHARD, DE  
[72] PSIORZ, CHRISTIAN, DE  
[72] SILBER, STEFAN, DE  
[71] TH. GOLDSCHMIDT AG, DE  
[22] 1999-08-09  
[43] 2000-02-11  
[30] DE (198 36 253.6) 1998-08-11

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[21] **2,279,815**  
[13] A1  
[51] **Int.Cl. 6C07C 31/20 6C07C 29/12**  
[25] EN  
[54] **PROCESS FOR PRODUCING AN ALKYLENE GLYCOL**  
[54] **PROCEDE DE PRODUCTION DE GLYCOL D'ALKYLENE**  
[72] KAWABE, KAZUKI, JP  
[72] NAGATA, KOUICHI, JP  
[71] MITSUBISHI CHEMICAL CORPORATION, JP  
[22] 1999-08-09  
[43] 2000-02-10  
[30] JP (JP10-225601) 1998-08-10  
[30] JP (JP10-248933) 1998-09-03  
[30] JP (JP10-323147) 1998-11-13

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[21] **2,279,817**  
[13] A1

[51] **Int.Cl. 6C07D 211/42 6C07D 491/044 6C07D 211/52 6C07D 211/70 6C07D 211/74**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF SUBSTITUTED PIPERIDINE-EPOXIDES**  
[54] **PROCEDE DE PREPARATION DE PIPERIDINES-EPOXYDES SUBSTITUEES**  
[72] LOHRI, BRUNO, CH  
[72] SCHMID, RUDOLF, CH  
[72] GULLER, ROLF, CH  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 1999-08-09  
[43] 2000-02-10  
[30] EP (98114975.0) 1998-08-10

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[21] **2,279,818**  
[13] A1

[51] **Int.Cl. 6B32B 29/08**  
[25] EN  
[54] **PRODUCTION OF DOUBLE WALL CORRUGATED WEB**  
[54] **FABRICATION D'UN CARTON ONDULE DOUBLE FACE**  
[72] CUMMINGS, JAMES A., US  
[72] MARSCHKE, CARL R., US  
[71] MARQUIP, INC., US  
[22] 1999-08-10  
[43] 2000-02-11  
[30] US (09/132,539) 1998-08-11

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[21] **2,279,914**  
[13] A1

[51] **Int.Cl. 6E04D 3/26**  
[25] EN  
[54] **SCRIM REINFORCED LIGHTWEIGHT CONCRETE ROOF SYSTEM**  
[54] **TOIT DE BETON LEGER ARME DE RENFORT TISSE**  
[72] KELLY, THOMAS L., US  
[71] KELLY, THOMAS L., US  
[22] 1999-08-09  
[43] 2000-02-10  
[30] US (09/131,614) 1998-08-10

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[21] **2,279,922**  
[13] A1

[51] **Int.Cl. 6B27L 11/02**  
[25] EN  
[54] **CHIP SLICER**  
[54] **TRANCHEUSE DE COPEAUX**  
[72] MONTGOMERY, JAMES R., US  
[72] BIELAGUS, JOSEPH B., US  
[71] BELOIT TECHNOLOGIES, INC., US  
[22] 1999-08-09  
[43] 2000-02-10  
[30] US (09/131,557) 1998-08-10

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[21] **2,279,925**  
[13] A1

[51] **Int.Cl. 6G02C 7/04**  
[25] EN  
[54] **DYNAMICALLY STABILIZED CONTACT LENSES**  
[54] **LENTILLES CORNEENNES A STABILISATION DYNAMIQUE**  
[72] CLUTTERBUCK, THIMOTHY A., US  
[71] JOHNSON & JOHNSON VISION PRODUCTS, INC., US  
[22] 1999-08-09  
[43] 2000-02-10  
[30] US (09/131,928) 1998-08-10

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[21] **2,279,931**  
[13] A1

[51] **Int.Cl. 6H04Q 3/545**  
[25] EN  
[54] **PROXY DATABASE FOR ELEMENT MANAGEMENT SYSTEM OF TELEPHONE SWITCHING NETWORK**  
[54] **BASE DE DONNEES DE PROCURATION POUR SYSTEME DE GESTION D'ELEMENTS D'UN RESEAU DE COMMUTATION TELEPHONIQUE**  
[72] HSIEH, JIAN J., US  
[72] MARZULLO, PHIL A., US  
[72] REN, LIWEI, US  
[71] COMMTECH CORPORATION, US  
[22] 1999-08-09  
[43] 2000-02-10  
[30] US (60/096,100) 1998-08-10

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[21] **2,279,941**  
[13]

[51] **Int.Cl. 6G11B 23/28 6H04L 9/32**  
[25] EN  
[54] **RECORDING MEDIUM WITH A SIGNED HYPERTEXT RECORDED THEREON, SIGNED HYPERTEXT GENERATING METHOD AND APPARATUS, AND SIGNED HYPERTEXT VERIFYING METHOD AND APPARATUS**  
[54] **SUPPORT D'ENREGISTREMENT PORTANT DE L'HYPERTEXTE SIGNE, METHODE ET APPAREIL DE PRODUCTION D'HYPERTEXTE SIGNE, ET METHODE ET APPAREIL DE VERIFICATION D'HYPERTEXTE SIGNE**  
[72] FUJIMURA, KO, JP  
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP  
[22] 1999-08-09  
[43] 2000-02-12  
[30] JP (228233/98) 1998-08-12

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[21] **2,280,064**  
[13]

[51] **Int.Cl. 6A01N 43/58 6A01N 47/36 6A01N 43/54 6A01N 43/653**  
[25] EN  
[54] **HERBICIDAL COMPOSITIONS**  
[54] **COMPOSITIONS HERBICIDES**  
[72] HOSHI, HISAYUKI, JP  
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP  
[22] 1999-08-11  
[43] 2000-02-12  
[30] JP (10-227986) 1998-08-12

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[21] **2,280,071**  
[13] A1

[51] **Int.Cl. 6G06F 17/60 6A61F 5/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR REINFORCING REGULAR CHIROPRACTIC TREATMENT**  
[54] **SYSTEME ET METHODE DE RENFORCEMENT D'UN TRAITEMENT DE CHIROPRACTIQUE ORDINAIRE**  
[72] ROFF, ROGER R., US  
[71] ROFF, ROGER R., US  
[22] 1999-08-11  
[43] 2000-02-11  
[30] US (09/132,285) 1998-08-11

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[21] **2,280,076**  
[13]

[51] **Int.Cl. 6F02B 77/00 6F16F 15/26**  
[25] EN  
[54] **ENGINE BALANCE SHAFTS SUPPORTING STRUCTURE**  
[54] **CADRE SUPPORT POUR ARBRES D'EQUILIBRAGE**  
[72] NIIZATO, TOMONORI, JP  
[72] IWATA, KAZUYUKI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 1999-08-11  
[43] 2000-02-12  
[30] JP (10-228150) 1998-08-12

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[21] **2,280,077**  
[13]

[51] **Int.Cl. 6E04C 2/292**  
[25] EN  
[54] **PREFABRICATED BUILDING PANEL AND METHOD OF MANUFACTURING SAME**  
[54] **PANNEAU DE CONSTRUCTION PREFABRIQUE**  
[72] MEADOWS, JAMES A., US  
[71] SHOSHONE STATION LLC, US  
[22] 1999-08-11  
[43] 2000-02-12  
[30] US (60/096,298) 1998-08-12

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[21] **2,280,078**  
[13]

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **SANITARY NAPKIN**  
[54] **SERVIETTE HYGIENIQUE**  
[72] COSTA, ROGERIO, BR  
[71] JOHNSON & JOHNSON INDUSTRIA E COMERCIO LTDA, BR  
[22] 1999-08-11  
[43] 2000-02-12  
[30] BR (PI 9803741-2) 1998-08-12

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[21] **2,280,199**  
[13] A1

[51] **Int.Cl. 6F25D 13/06 6F25D 17/00 6A23B 5/04 6A23L 3/36**  
[25] EN  
[54] **IMPINGEMENT COOLER**  
[54] **REFROIDISSEUR A INERTIE**  
[72] GASTEYER, THEODORE III, US  
[72] LANG, GARY D., US  
[72] HO, YEU-CHAUN S., US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1999-08-10  
[43] 2000-02-10  
[30] US (60/095,968) 1998-08-10  
[30] US (09/359,907) 1999-07-26

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[21] **2,280,216**  
[13]

[51] **Int.Cl. 6B01D 21/24 6B01D 19/00 6F16K 21/00 6F16K 31/12**  
[25] EN  
[54] **A CLEAN-WATER OUTLET**  
[54] **SORTIE D'EAU PROPRE**  
[72] BRAUCHLI, HERBERT, CH  
[71] CYKLAR AKTIENGESELLSCHAFT, CH  
[22] 1999-08-10  
[43] 2000-02-12  
[30] DE (198 36 563.2) 1998-08-12

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[21] **2,280,221**  
[13] A1

[51] **Int.Cl. 6C07C 69/15 6C07C 67/055**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF VINYL ACETATE**  
[54] **PROCESSUS DE PRODUCTION D'ACETATE DE VINYLE**  
[72] KITCHEN, SIMON JAMES, GB  
[72] WILLIAMS, BRUCE LEO, GB  
[72] SALEM, GEORGE FREDERICK, GB  
[71] BP CHEMICALS LIMITED, GB  
[22] 1999-08-10  
[43] 2000-02-11  
[30] GB (9817365.1) 1998-08-11

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[21] **2,280,240**  
[13] A1

[51] **Int.Cl. 6A23L 2/44 6A23C 3/04 6C09D 5/14 6A23L 3/358 6A23L 3/375 6A23L 1/38 6A23L 1/39**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONTINUOUS FLOW REDUCTION OF MICROBIAL ACTIVITY IN A LIQUID PRODUCT USING PRESSURIZED CARBON DIOXIDE**  
[54] **METHODE ET APPAREIL POUR LA REDUCTION DU DEBIT CONTINU D'ACTIVITE MICROBIENNE DANS UN PRODUIT LIQUIDE SE SERVANT DE DIOXYDE DE CARBONE PRESSURISE**  
[72] ROBEY, RAYMOND J., US  
[72] WILDASIN, RICHARD E., US  
[72] FORBES, JAMES, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1999-08-10  
[43] 2000-02-10  
[30] US (60/095,967) 1998-08-10  
[30] US (09/314,945) 1999-05-20

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[21] **2,280,241**  
[13] A1

[51] **Int.Cl. 6A61K 38/01 6A23C 21/02 6A23K 1/16 6A23L 1/305 6A23J 3/34 6A23L 2/66**  
[25] EN  
[54] **METHOD OF PRODUCING IRON-WHEY-PROTEOLYSATE COMPLEX**  
[54] **METHODE DE PRODUCTION D'UN COMPLEXE DE FER, DE LACTOSERUM ET DE PROTEOLYSAT**  
[72] UCHIDA, TOSHIKI, JP  
[72] IKENAGA, AKIHITO, JP  
[72] SATO, KAORU, JP  
[72] SAKURAI, TOSHIO, JP  
[71] SNOW BRAND MILK PRODUCTS CO., LTD., JP  
[22] 1999-08-10  
[43] 2000-02-11  
[30] JP (10-226453) 1998-08-11

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

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[21] **2,280,242**  
[13] A1

[51] **Int.Cl. 6H04L 12/16**  
[25] EN  
[54] **METHOD AND SYSTEM FOR THE CONTROLLED DELIVER OF DIGITAL SERVICES, SUCH AS MULTIMEDIA TELEMATICS SERVICES**  
[54] **METHODE ET SYSTEME POUR LA PRESTATION CONTROLEE DE SERVICES NUMERIQUES, TELS QUE DES SERVICES DE TELEMATIQUE MULTIMEDIA**  
[72] DE PETRIS, GIANLUCA, IT  
[72] BALESTRI, MASSIMO, IT  
[71] CSELT - CENTRO STUDI E LABORATORI TELECOMUNICAZIONI S.P.A., IT  
[22] 1999-08-10  
[43] 2000-02-11  
[30] IT (TO 98 A 000 705) 1998-08-11

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[21] **2,280,251**  
[13]

[51] **Int.Cl. 6A61F 13/26**  
[25] EN  
[54] **TAMPON APPLICATOR WITH TAPED FINGER GRIP**  
[54] **TAMPON APPLICATEUR AVEC DETENTE MAROUFLEE**  
[72] JACKSON, DANE R., US  
[72] DOWNS, SUZANNE A., US  
[72] NORQUEST, ROBERT C., US  
[71] PLAYTEX PRODUCTS, INC., US  
[22] 1999-08-12  
[43] 2000-02-12  
[30] US (09/132,783) 1998-08-12

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[21] **2,280,260**  
[13]

[51] **Int.Cl. 6G09F 7/18**  
[25] EN  
[54] **SIGN STAND WITH CAM RELEASE ASSEMBLY**  
[54] **SUPPORT D'ENSEIGNE AVEC ENSEMBLE DE DEGAGEMENT PAR CAME**  
[72] HILLSTROM, DAVID U., US  
[72] LEVIN, YEVGENIY M., US  
[71] MARKETING DISPLAYS INTERNATIONAL, US  
[22] 1999-08-11  
[43] 2000-02-12  
[30] US (133,107) 1998-08-12  
[30] US (247,774) 1999-02-09

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[21] **2,280,269**  
[13]

[51] **Int.Cl. 6H04L 9/32 6G11B 23/00**  
[25] EN  
[54] **RECORDING MEDIUM WITH ELECTRONIC TICKET DEFINITIONS RECORDED THEREON AND ELECTRONIC TICKET PROCESSING METHODS AND APPARATUSES**  
[54] **SUPPORT D'ENREGISTREMENT PORTANT DES DEFINITIONS DE BILLETS ELECTRONIQUES, ET METHODES ET APPAREILS DE TRAITEMENT DES BILLETS ELECTRONIQUES**  
[72] FUJIMURA, KO, JP  
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP  
[22] 1999-08-11  
[43] 2000-02-12  
[30] JP (228293/98) 1998-08-12

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[21] **2,280,394**  
[13] A1

[51] **Int.Cl. 6C06D 3/00**  
[25] FR  
[54] **COMPOSITION FUMIGENE A BASE DE DERIVES DE COLOPHANE**  
[54] **ROSIN DERIVATIVE-BASED SMOKE COMPOSITION**  
[72] GRYCZA, DANIEL, FR  
[72] GUELOU, YANN, FR  
[72] GROU, PHILIPPE, FR  
[71] ETIENNE LACROIX TOUS ARTIFICES S.A., FR  
[22] 1999-08-09  
[43] 2000-02-10  
[30] FR (98 10245) 1998-08-10

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[21] **2,280,395**  
[13] A1

[51] **Int.Cl. 6C07C 323/60 6C07D 309/06 6C07D 211/14 6A61K 31/18 6A61K 31/185 6A61K 31/35 6A61K 31/44 6C07D 213/59**  
[25] FR  
[54] **NOUVEAUX DERIVES D'ACIDE HYDROXAMIQUE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**  
[54] **NEW HYDROXAMIC ACID DERIVATIVES, THEIR PREPARATION PROCESS AND THE PHARMACEUTICAL COMPOSITIONS WHICH CONTAIN THEM**  
[72] ATASSI, GHANEM, FR  
[72] RENARD, PIERRE, FR  
[72] HANESSIAN, STEPHEN, CA  
[72] TUCKER, GORDON, FR  
[72] CAIGNARD, DANIEL-HENRI, FR  
[71] ADIR ET COMPAGNIE, FR  
[22] 1999-08-09  
[43] 2000-02-10  
[30] FR (98.10237) 1998-08-10

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[21] **2,280,397**  
[13]

[51] **Int.Cl. 6C07C 1/04**  
[25] FR  
[54] **PROCEDE DE SYNTHESE FISCHER-TROPSCH EN PRESENCE D'UN CATALYSEUR DONT LES PARTICULES METALLIQUES ONT UNE TAILLE CONTROLLEE**  
[54] **FISCHER-TROPSCH SYNTHESIS PROCESS INVOLVING A CATALYST WITH METAL PARTICLES OF A CONTROLLED SIZE**  
[72] VERDON, CATHERINE, FR  
[72] UZIO, DENIS, FR  
[72] ROY, MAGALIE, FR  
[72] DIDILLON, BLAISE, FR  
[71] AGIP PETROLI S.P.A., IT  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
[71] AGIP S.P.A., IT  
[22] 1999-08-09  
[43] 2000-02-12  
[30] FR (98 10.346) 1998-08-12

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[21] **2,280,399**

[13] A1

[51] **Int.Cl. 6E21B 15/02 6B63B 35/44**

[25] FR

[54] **INSTALLATION**

**D'EXPLOITATION D'UN GISEMENT**

**EN MER ET PROCEDE**

**D'IMPLANTATION D'UNE COLONNE**

**MONTANTE**

[54] **OFFSHORE ACCUMULATION**

**DEVELOPMENT FACILITY AND**

**RISER PIPE SET-UP PROCESS**

[72] THOMAS, PIERRE-ARMAND, FR

[71] TECHNIP FRANCE, FR

[22] 1999-08-10

[43] 2000-02-11

[30] FR (98 10 301) 1998-08-11

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[21] **2,280,403**

[13] A1

[51] **Int.Cl. 6E21B 15/02 6B63B 35/44**

[25] FR

[54] **PROCEDE D'IMPLANTATION**

**D'UNE INSTALLATION**

**D'EXPLOITATION**

[54] **SET-UP PROCESS OF A**

**DEVELOPMENT FACILITY**

[72] THOMAS, PIERRE-ARMAND, FR

[71] TECHNIP FRANCE, FR

[22] 1999-08-10

[43] 2000-02-11

[30] FR (98 10 302) 1998-08-11

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[21] **2,279,876**  
[13] A1

[51] **Int.Cl. 6E21B 33/138**  
[25] EN  
[54] **OIL PRODUCTION METHOD**  
[54] **METHODE DE PRODUCTION DE PETROLE**  
[72] NIKOLAEVICH, MANYRIN VYACHESLAV, RU  
[72] NIKOLAEVICH, DOSOV ALEXANDER, RU  
[72] GEORGIEVICH, SAVELYEV ALEXANDER, RU  
[72] IVANOVICH, PUZENKO VLADIMIR, RU  
[72] NIKOLAEVICH, POZDNY SHEV GENNADY, RU  
[72] NIKOLAEVICH, MANYRIN VALERY, RU  
[71] NIKOLAEVICH, MANYRIN VYACHESLAV, RU  
[71] NIKOLAEVICH, DOSOV ALEXANDER, RU  
[71] GEORGIEVICH, SAVELYEV ALEXANDER, RU  
[71] IVANOVICH, PUZENKO VLADIMIR, RU  
[71] NIKOLAEVICH, POZDNY SHEV GENNADY, RU  
[71] NIKOLAEVICH, MANYRIN VALERY, RU  
[85] 1999-07-29  
[86] 1998-12-21 (PCT/RU98/00419)  
[87] 2000-02-10 ()  
[30] RU (98115677) 1998-08-10

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[21] **2,288,140**  
[13] A1

[51] **Int.Cl. 7C07D 403/06 7C07D 405/04 7C07D 401/14 7A61K 31/505**  
[25] EN  
[54] **FARNESYLTRANSFERASE INHIBITING QUINAZOLINONES**  
[54] **QUINAZOLINONES INHIBANT LA FARNESYLTRANSFERASE**  
[72] FREYNE, EDDY JEAN EDGARD, BE  
[72] ANGIBAUD, PATRICK RENÉ, FR  
[72] VENET, MARC GASTON, FR  
[71] JANSSEN PHARMACEUTICA N.V., BE  
[85] 1999-10-15  
[86] 1998-04-17 (PCT/EP98/02357)  
[87] 1998-11-05 (WO98/49157)  
[30] EP (97201259.5) 1997-04-25

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[21] **2,288,184**  
[13] A1

[51] **Int.Cl. 7A23J 1/20 7A23C 9/146 7A61K 7/16 7C07K 14/47**  
[25] EN  
[54] **METHOD FOR TREATING A LACTIC RAW MATERIAL CONTAINING GMP**  
[54] **PROCEDE DE TRAITEMENT D'UNE MATIERE PREMIERE LACTIQUE CONTENANT DU GMP**  
[72] ERDMANN, PETER, CH  
[72] NEUMANN, FRED, CH  
[71] SOCIÉTÉ DES PRODUITS NESTLÉ S.A., CH  
[85] 1999-10-28  
[86] 1998-05-22 (PCT/EP98/03176)  
[87] 1998-12-03 (WO98/53702)  
[30] EP (97201607.5) 1997-05-27

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[21] **2,288,190**  
[13] A1

[51] **Int.Cl. 7C13K 13/00 7C13F 1/02**  
[25] EN  
[54] **CRYSTALLIZATION METHOD**  
[54] **METHODE DE CRISTALLISATION**  
[72] EROMA, OLLI-PEKKA, FI  
[72] NURMI, JUHA, FI  
[71] XYROFIN OY, FI  
[85] 1999-10-28  
[86] 1998-05-04 (PCT/FI98/00379)  
[87] 1998-11-12 (WO98/50589)  
[30] FI (971914) 1997-05-05

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[21] **2,288,199**  
[13] A1

[51] **Int.Cl. 7C07C 69/76 7C07C 233/00 7C07C 63/34**  
[25] EN  
[54] **HYDROXYNAPHTHOIC ACIDS AND DERIVATIVES**  
[54] **ACIDES HYDROXYNAPHTHOIQUES ET DERIVES DE CES DERNIERS**  
[72] ROYER, ROBERT E., US  
[72] VANDER JAGT, DAVID L., US  
[72] DECK, LORRAINE M., US  
[71] THE UNIVERSITY OF NEW MEXICO, US  
[85] 1999-10-28  
[86] 1998-04-28 (PCT/US98/08544)  
[87] 1998-11-05 (WO98/49130)  
[30] US (60/045,083) 1997-04-29  
[30] US (08/988,472) 1997-12-10

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[21] **2,288,202**  
[13] A1  
[51] **Int.Cl. 7G01K 1/18 7G01K 13/00 7G01K 7/42**  
[25] EN  
[54] **A HIGH SPEED ACCURATE TEMPERATURE MEASURING DEVICE**  
[54] **DISPOSITIF SERVANT A MESURER LA TEMPERATURE TRES RAPIDEMENT ET AVEC PRECISION**  
[72] YARDEN, MOSHE, IL  
[72] VADAI, ILAN, IL  
[72] TEICH, T. SORIN, IL  
[71] MEDISIM LTD., IL  
[85] 1999-10-28  
[86] 1998-04-23 (PCT/IL98/00193)  
[87] 1998-11-12 (WO98/50766)  
[30] IL (120758) 1997-05-01

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[21] **2,288,206**  
[13] A1  
[51] **Int.Cl. 7B41J 2/045 7B41J 2/21**  
[25] EN  
[54] **OPERATION OF DROPLET DEPOSITION APPARATUS**  
[54] **FONCTIONNEMENT D'UN APPAREIL A DEPOT DE GOUTTELETTES**  
[72] WEBB, LAURA ANNE, GB  
[71] XAAR TECHNOLOGY LIMITED, GB  
[85] 1999-10-28  
[86] 1998-05-15 (PCT/GB98/01387)  
[87] 1998-11-19 (WO98/51504)  
[30] GB (9709862.8) 1997-05-15  
[30] GB (9802871.5) 1998-02-12

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[21] **2,288,213**  
[13] A1  
[51] **Int.Cl. 7H04H 1/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR EMBEDDING AND EXTRACTING INFORMATION IN ANALOG SIGNALS USING DISTRIBUTED SIGNAL FEATURES**  
[54] **SYSTEME ET PROCEDE D'INTEGRATION OU D'EXTRACTION DE DONNEES DANS DES SIGNAUX ANALOGIQUES AU MOYEN DE CARACTERISTIQUES DE SIGNAL DISTRIBUEES**  
[72] PETROVIC, RADE, US  
[72] WINOGRAD, JOSEPH M., US  
[72] METOIS, ERIC, US  
[72] JEMILI, KANAAN, US  
[71] ARIS TECHNOLOGIES, INC., US  
[85] 1999-10-28  
[86] 1998-05-12 (PCT/US98/09587)  
[87] 1998-11-26 (WO98/53565)  
[30] US (08/858,562) 1997-05-19  
[30] US (08/974,920) 1997-11-20

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[21] **2,288,215**  
[13] A1  
[51] **Int.Cl. 7A61K 31/52 7A61K 48/00 7C12N 9/12 7A61K 38/16**  
[25] EN  
[54] **USE OF IMMUNOMODULATING AGENTS**  
[54] **UTILISATION D'AGENTS IMMUNOMODULATEURS**  
[72] TASKÉN, KJETIL, NO  
[72] FROLAND, STIG, NO  
[72] HANSSON, VIDAR, NO  
[72] SKALHEGG, BJORN S., NO  
[72] AANDAHL, EINAR MARTIN, NO  
[72] AUKRUST, PAL, NO  
[72] MULLER, FREDRIK, NO  
[71] LAURAS AS, NO  
[85] 1999-10-28  
[86] 1998-04-29 (PCT/NO98/00134)  
[87] 1998-11-05 (WO98/48809)  
[30] NO (971997) 1997-04-29

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[21] **2,288,217**  
[13] A1  
[51] **Int.Cl. 7C21B 13/00**  
[25] EN  
[54] **METHOD FOR THERMAL TREATMENT OF GRANULATED IRON ORE BEFORE REDUCTION**  
[54] **PROCEDE DE TRAITEMENT THERMIQUE DE MINERAI DE FER GRANULE AVANT REDUCTION**  
[72] HIRSCH, MARTIN, DE  
[72] BEYZAVI, ALI, DE  
[71] METALLGESELLSCHAFT AKTIENGESELLSCHAFT, DE  
[85] 1999-10-28  
[86] 1998-04-17 (PCT/EP98/02298)  
[87] 1998-11-05 (WO98/49352)  
[30] DE (197 18 136.8) 1997-04-30

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[21] **2,288,220**  
[13] A1  
[51] **Int.Cl. 7F16H 45/02 7F16F 15/123**  
[25] FR  
[54] **APPAREIL D'ACCOUPEMENT HYDROCINETIQUE, NOTAMMENT POUR VEHICULE AUTOMOBILE**  
[54] **HYDROKINETIC COUPLING APPARATUS IN PARTICULAR FOR MOTOR VEHICLE**  
[72] ARHAB, RABAH, FR  
[72] SAUVAGE, FRÉDÉRIC, FR  
[72] SATONNET, DANIEL, FR  
[72] CHASSEGUET, GUSTAVE, FR  
[71] VALEO, FR  
[85] 1999-10-28  
[86] 1999-03-03 (PCT/FR99/00483)  
[87] 1999-09-10 (WO99/45294)  
[30] FR (98/02808) 1998-03-03

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[21] **2,288,229**  
[13] A1  
[51] **Int.Cl. 7D21J 3/04**  
[25] EN  
[54] **WOUND PRODUCT CORES AND PROCESSES FOR MAKING THEM**  
[54] **MANDRINS DE PRODUITS ENROULES ET LEUR PROCEDE DE FABRICATION**  
[72] TANNER, JAMES J., US  
[72] HSU, JAY C., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 1999-10-28  
[86] 1998-04-30 (PCT/US98/08691)  
[87] 1998-11-05 (WO98/48991)  
[30] US (08/846,697) 1997-04-30

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[21] **2,288,234**  
[13] A1

[51] **Int.Cl. 7C07K 7/08 7A61K 39/02 7C07K 16/12 7C07K 14/195 7A61K 39/40 7G01N 33/569**  
[25] EN  
[54] **SYNTHETIC PEPTIDE CONSTRUCTS FOR THE DIAGNOSIS AND TREATMENT OF PERIODONTITIS ASSOCIATED WITH PORPHYROMONAS GINGIVALIS**  
[54] **PRODUITS DE SYNTHESE PEPTIDIQUES PERMETTANT LE DIAGNOSTIC ET LE TRAITEMENT DE LA DESMODONTITE ASSOCIEE A LA PORPHYROMONAS GINGIVALIS**  
[72] REYNOLDS, ERIC CHARLES, AU  
[72] O'BRIEN-SIMPSON, NEIL MARTIN, AU  
[72] SLAKESKI, NADA, AU  
[71] VICTORIAN DAIRY INDUSTRY AUTHORITY, AU  
[71] CSL LIMITED, AU  
[71] THE UNIVERSITY OF MELBOURNE, AU  
[85] 1999-10-28  
[86] 1998-04-30 (PCT/AU98/00311)  
[87] 1998-11-05 (WO98/49192)  
[30] AU (PO 6528) 1997-04-30

[21] **2,288,240**  
[13] A1

[51] **Int.Cl. 7A61K 31/335 7A61K 47/22**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR DELIVERY OF TAXANES**  
[54] **METHODES ET COMPOSITIONS D'ADMINISTRATION DE TAXANES**  
[72] MCCHESENEY-HARRIS, LISA L., US  
[71] NAPRO BIOTHERAPEUTICS, INC., US  
[85] 1999-10-28  
[86] 1999-03-10 (PCT/US99/05151)  
[87] 1999-09-16 (WO99/45918)  
[30] US (60/077459) 1998-03-10

[21] **2,288,241**  
[13] A1

[51] **Int.Cl. 7A61K 31/44**  
[25] EN  
[54] **USE OF TETRAHYDROPYRIDINE DERIVATIVES TO PREPARE MEDICINES FOR TREATING DISEASES CAUSING DEMYELINATION**  
[54] **UTILISATION DE DERIVES DE LA TETRAHYDROPYRIDINE POUR LA PREPARATION DE MEDICAMENTS POUR LE TRAITEMENT DES MALADIES ENTRAINANT UNE DEMYELINISATION**  
[72] MAFFRAND, JEAN-PIERRE, FR  
[72] CASELLAS, PIERRE, FR  
[72] BOURRIE, BERNARD, FR  
[71] SANOFI-SYNTHELABO, FR  
[85] 1999-10-28  
[86] 1998-04-17 (PCT/FR98/00774)  
[87] 1998-11-05 (WO98/48802)  
[30] FR (97/05275) 1997-04-29

[21] **2,288,251**  
[13] A1

[51] **Int.Cl. 7G10D 3/00**  
[25] EN  
[54] **IMPROVED CAPO**  
[54] **CAPODASTRE AMELIORE**  
[72] SHUBB, RICHARD, US  
[72] COONTZ, DAVID, US  
[71] SHUBB, RICHARD, US  
[71] COONTZ, DAVID, US  
[85] 1999-10-28  
[86] 1998-04-29 (PCT/US98/08599)  
[87] 1998-11-05 (WO98/49669)  
[30] US (08/845,811) 1997-04-29

[21] **2,288,260**  
[13] A1

[51] **Int.Cl. 7B41J 5/12**  
[25] EN  
[54] **STRESS RELIEVING KEYS**  
[54] **TOUCHES A CONTRAINTE REDUITE**  
[72] BONNSTAUFFER, BILL, US  
[71] BONNSTAUFFER, BILL, US  
[85] 1999-10-28  
[86] 1998-05-06 (PCT/US98/09641)  
[87] 1998-11-12 (WO98/50237)  
[30] US (08/854,259) 1997-05-09

[21] **2,288,264**  
[13] A1

[51] **Int.Cl. 7D21G 1/00**  
[25] EN  
[54] **METHOD AND ARRANGEMENT FOR COMPUTING AND REGULATION OF THE DISTRIBUTION OF LINEAR LOAD IN A MULTI-NIP CALENDER AND A MULTI-NIP CALENDER**  
[54] **PROCEDE ET DISPOSITION PERMETTANT DE CALCULER ET DE REGULER LA DISTRIBUTION DE CHARGE LINEAIRE DANS UNE CALANDRE A MULTIPLES PINCES ET CALANDRE A MULTIPLES PINCES**  
[72] LEINONEN, ERKKI, FI  
[72] KIVIOJA, PEKKA, FI  
[72] EHROLA, JUHA, FI  
[72] HIRSALMI, IIKKA, FI  
[72] LINNONMAA, PEKKA, FI  
[72] VILJANMAA, MIKA, FI  
[72] KOIVUKUNNAS, PEKKA, FI  
[72] MAENPAA, TAPIO, FI  
[71] VALMET CORPORATION, FI  
[85] 1999-10-28  
[86] 1998-05-07 (PCT/FI98/00392)  
[87] 1998-11-12 (WO98/50628)  
[30] US (60/045,871) 1997-05-07

[21] **2,288,266**  
[13] A1

[51] **Int.Cl. 7G06K 19/04**  
[25] EN  
[54] **DEVICE FOR DETECTING THE PROPERTIES OF A LEAF-SHAPED ARTICLE**  
[54] **DISPOSITIF POUR DETECTER LES PROPRIETES D'OBJETS EN FORME DE FEUILLE**  
[72] WUNDERER, BERND, DE  
[71] GIESECKE & DEVRIENT GMBH, DE  
[85] 1999-10-28  
[86] 1998-04-29 (PCT/EP98/02539)  
[87] 1998-11-05 (WO98/49651)  
[30] DE (197 18 122.8) 1997-04-29

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<p style="text-align: right;">[21] <b>2,288,268</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 9/32</b> [25] EN [54] <b>A LOG-ON VERIFICATION PROTOCOL</b> [54] <b>PROTOCOLE DE VERIFICATION POUR OUVERTURE DE SESSION</b> [72] VANSTONE, SCOTT A., CA [72] JOHNSON, DONALD B., US [71] CERTICOM CORP., CA [85] 1999-10-28 [86] 1998-05-04 (PCT/CA98/00417) [87] 1998-11-12 (WO98/51037) [30] GB (9709136.7) 1997-05-02</p>	<p style="text-align: right;">[21] <b>2,288,278</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A22C 13/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR LINKING COEXTRUDED FOODSTUFFS</b> [54] <b>PROCEDE ET APPAREIL DE LIGATURAGE DE PRODUITS ALIMENTAIRES CO-EXTRUDES</b> [72] KOBUSSEN, JOS, US [72] KOBUSSEN, MART, US [72] KOBUSSEN, JAAP, US [71] TOWNSEND ENGINEERING COMPANY, US [85] 1999-10-29 [86] 1999-03-01 (PCT/US99/04453) [87] 1999-09-10 (WO99/44431) [30] US (08/036,548) 1998-03-06</p>	<p style="text-align: right;">[21] <b>2,288,281</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 21/00</b> [25] EN [54] <b>DEVICE FOR DETERMINING FLUCTUATIONS IN END EXPIRATORY GASES, METHOD FOR DETERMINING FLUCTUATIONS IN RESPIRATORY METABOLISM AND THE USE OF SAID DEVICE</b> [54] <b>DISPOSITIF POUR LA DETERMINATION DE GAZ EN FIN D'EXPIRATION, PROCEDE POUR LA DETERMINATION DES FLUCTUATIONS DANS LE METABOLISME RESPIRATOIRE ET UTILISATION DE CE DISPOSITIF</b> [72] MICHEL, MATTHIAS, DE [72] WILDT, LUDWIG, DE [72] LICHT, PETER, DE [71] WILDT, LUDWIG, DE [85] 1999-10-29 [86] 1998-04-28 (PCT/DE98/01172) [87] 1998-11-05 (WO98/49536) [30] DE (297 07 771.6) 1997-04-29</p>
<p style="text-align: right;">[21] <b>2,288,274</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 495/04 7A61K 31/435</b> [25] EN [54] <b>REGIOISOMERIC BENZOTHIOPYRANOPYRIDINES HAVING ANTITUMOR ACTIVITY</b> [54] <b>BENZOTHIOPYRANOPYRIDINES REGIOISOMERES A ACTIVITE ANTITUMORALE</b> [72] KRAPCHO, A. PAUL, US [71] UNIVERSITY OF VERMONT, US [85] 1999-10-28 [86] 1998-04-28 (PCT/US98/08398) [87] 1998-11-05 (WO98/49172) [30] US (60/044,970) 1997-04-28</p>	<p style="text-align: right;">[21] <b>2,288,279</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B22D 11/06</b> [25] EN [54] <b>CASTING ROLL</b> [54] <b>CYLINDRE DE COULEE</b> [72] CAPOTOSTI, ROMEO, IT [72] HOHENBICHLER, GERALD, AT [72] PELLISSETTI, STEFANO, AT [72] SCHERTLER, ARMIN, AT [72] TONELLI, RICCARDO, IT [71] ACCIAI SPECIALI TERNI S.P.A., IT [71] VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, AT [85] 1999-10-29 [86] 1998-04-29 (PCT/EP98/02533) [87] 1998-11-12 (WO98/50183) [30] IT (RM97A000257) 1997-05-02</p>	<p style="text-align: right;">[21] <b>2,288,282</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/543 7G01N 33/68</b> [25] EN [54] <b>IMMUNOASSAY</b> [54] <b>ESSAI IMMUNOLOGIQUE</b> [72] RINGEL, KARL PETER, IL [71] RINGEL, KARL PETER, IL [85] 1999-10-29 [86] 1998-05-01 (PCT/GB98/01277) [87] 1998-11-12 (WO98/50792) [30] GB (9708961.9) 1997-05-02</p>
<p style="text-align: right;">[21] <b>2,288,277</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 5/32 7A61M 5/50</b> [25] EN [54] <b>DISPOSABLE SYRINGE NEEDLE ATTACHMENT HUB</b> [54] <b>MANCHON DE FIXATION D'AIGUILLE DE SERINGUE JETABLE</b> [72] FARRAR, QUINTON JAMES, US [72] PADGETT, MARY BETH BLAIR, US [71] SPECTRUM BIOTECH INC., US [85] 1999-10-28 [86] 1998-05-08 (PCT/CA98/00453) [87] 1998-11-19 (WO98/51358) [30] US (08/854,782) 1997-05-12</p>	<p style="text-align: right;">[21] <b>2,288,280</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61N 1/39</b> [25] EN [54] <b>METHOD AND APPARATUS FOR TREATING CARDIAC ARRHYTHMIA</b> [54] <b>PROCEDE ET APPAREIL PERMETTANT DE TRAITER L'ARYTHMIE CARDIAQUE</b> [72] JONES, JANICE, US [72] LIN, YAYUN, US [72] KENKNIGHT, BRUCE H., US [72] HSU, WILLIAM, US [71] CARDIAC PACEMAKERS, INC., US [85] 1999-10-29 [86] 1998-05-06 (PCT/US98/09222) [87] 1998-11-12 (WO98/50109) [30] US (08/852,103) 1997-05-06</p>	<p style="text-align: right;">[21] <b>2,288,283</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04B 1/38</b> [25] EN [54] <b>ACTIVATION OF MULTIPLE XDSL MODEMS WITH IMPLICIT CHANNEL PROBE</b> [54] <b>ACTIVATION DE MULTIPLES MODEMS XDSL AU MOYEN D'UNE SONDRE DE CANAL IMPLICITE</b> [72] PALM, STEPHEN, JP [71] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP [85] 1999-10-29 [86] 1999-03-31 (PCT/US99/06986) [87] 1999-10-07 (WO99/50967) [30] US (60/080,310) 1998-04-01 [30] US (60/089,850) 1998-06-19 [30] US (60/093,669) 1998-07-22 [30] US (60/094,479) 1998-07-29</p>

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[21] **2,288,284**  
[13] A1

[51] **Int.Cl. 7A61K 7/48 7A61K 7/06 7A61K 35/78**  
[25] EN  
[54] **USE OF AT LEAST AN IRVINGIA GABONENSIS EXTRACT IN A COSMETIC AND/OR PHARMACEUTICAL PRODUCT**  
[54] **UTILISATION D'AU MOINS UN EXTRAIT D'IRVINGIA GABONENSIS DANS UN PRODUIT COSMETIQUE ET/OU PHARMACEUTIQUE**  
[72] PAULY, GILLES, FR  
[71] LABORATOIRES SEROBIOLOGIQUES (SOCIÉTÉ ANONYME), FR  
[85] 1999-10-13  
[86] 1998-03-17 (PCT/FR98/00538)  
[87] 1998-10-22 (WO98/46204)  
[30] FR (97/04732) 1997-04-14

[21] **2,291,698**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 48/00 7C12N 7/01 7A01K 67/027 7C12N 5/10 7A61K 38/17 7C07K 16/18 7C12N 1/21 7C07K 14/47 7G01N 33/53 7C12Q 1/68 7A61K 31/70 7C12N 15/86**  
[25] EN  
[54] **OSF2/CBFA1 COMPOSITIONS AND METHODS OF USE**  
[54] **COMPOSITIONS DE OSF2/CBFA1 ET PROCÉDES D'UTILISATION**  
[72] KARSENTY, GERARD, US  
[72] DUCY, PATRICIA, US  
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US  
[85] 1999-11-29  
[86] 1998-05-29 (PCT/US98/10860)  
[87] 1998-12-03 (WO98/54322)  
[30] US (60/048,430) 1997-05-29  
[30] US (60/080,189) 1998-03-24

[21] **2,292,378**  
[13] A1

[51] **Int.Cl. 7C12N 5/10 7A61K 48/00 7C12N 15/09 7C12N 15/63**  
[25] EN  
[54] **A METHOD OF INHIBITING CANCER CELL GROWTH USING A VECTOR EXPRESSING PRB2/P130**  
[54] **METHODE PERMETTANT D'INHIBER LA CROISSANCE DES CELLULES CANCEREUSES AU MOYEN D'UN VECTEUR EXPRIMANT LE GENE PRB2/P130**  
[72] GIORDANO, ANTONIO, US  
[71] THOMAS JEFFERSON UNIVERSITY, US  
[85] 1999-11-30  
[86] 1998-06-02 (PCT/US98/11165)  
[87] 1998-12-10 (WO98/55598)  
[30] US (60/048,297) 1997-06-02

[21] **2,292,379**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12N 5/10 7C07K 16/22 7C12N 15/28 7G01N 33/50 7C07K 14/525 7C12N 15/63 7G01N 33/68 7A61K 31/70**  
[25] EN  
[54] **MEMBER OF THE TNF FAMILY USEFUL FOR TREATMENT AND DIAGNOSIS OF DISEASE**  
[54] **MEMBRE DE LA FAMILLE DU FACTEUR DE NECROSE TUMORALE (TNF) UTILE POUR LE TRAITEMENT ET LE DIAGNOSTIC DE MALADIES**  
[72] WILEY, STEVEN R., US  
[71] ABBOTT LABORATORIES, US  
[85] 1999-12-03  
[86] 1998-06-12 (PCT/US98/12101)  
[87] 1999-01-07 (WO99/00518)  
[30] US (08/883,086) 1997-06-26

[21] **2,292,535**  
[13] A1

[51] **Int.Cl. 7H04R 27/00 7H04R 27/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR IMPROVING CLASSROOM AMPLIFICATION SYSTEMS AND OTHER RF-TYPE AMPLIFICATION SYSTEMS**  
[54] **PROCEDE ET APPAREIL DE PERFECTIONNEMENT DES SYSTEMES AMPLIFICATEURS POUR SALLES DE CLASSE ET AUTRES SYSTEMES AMPLIFICATEURS A FREQUENCES RADIOELECTRIQUES**  
[72] STEELE, MICHAEL, US  
[72] FRANKLIN, DAVID, US  
[71] AUDIOLOGICAL ENGINEERING CORPORATION, US  
[85] 1999-11-30  
[86] 1998-06-02 (PCT/US98/11127)  
[87] 1998-12-10 (WO98/56106)  
[30] US (60/048,329) 1997-06-02

[21] **2,292,600**  
[13] A1

[51] **Int.Cl. 7A61K 7/42**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR INHIBITING PHOTOAGING OF SKIN**  
[54] **COMPOSITIONS ET PROCÉDES PERMETTANT D'INHIBER LE PHOTOVIEILLISSEMENT DE LA PEAU**  
[72] KANG, SEWON, US  
[72] VOORHEES, JOHN J., US  
[72] FISHER, GARY J., US  
[71] REGENTS OF THE UNIVERSITY OF MICHIGAN, US  
[85] 1999-11-30  
[86] 1998-06-03 (PCT/US98/11453)  
[87] 1998-12-10 (WO98/55075)  
[30] US (60/048,520) 1997-06-04  
[30] US (60/057,976) 1997-09-05

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[21] **2,292,643**  
[13] A1

[51] **Int.Cl. 7C12N 15/11 7C07K 14/00 7A61P 31/00 7A61K 38/16 7C07K 16/18 7C07K 16/30 7C12N 15/63 7C12Q 1/68**  
[25] EN  
[54] **HUMAN UBIQUITIN CARRIER PROTEIN E2-LIKE PROTEIN AND CYCLIN B-LIKE PROTEIN**  
[54] **PROTEINES LIEES AUX CYCLINES**  
[72] GUEGLER, KARN J., US  
[72] COCKS, BENJAMIN GRAEME, US  
[72] SHAH, PURVI, US  
[72] CORLEY, NEIL C., US  
[72] HILLMAN, JENNIFER L., US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 1999-12-01  
[86] 1998-06-05 (PCT/US98/11735)  
[87] 1998-12-10 (WO98/55510)  
[30] US (08/870,143) 1997-06-05

[21] **2,292,644**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 16/18 7C07K 14/435 7G01N 33/566**  
[25] EN  
[54] **RECEPTOR FOR A BACILLUS THURINGIENSIS TOXIN**  
[54] **RECEPTEUR POUR UNE TOXINE DE BACILLUS THURINGIENSIS**  
[72] BULLA, LEE A., US  
[71] UNIVERSITY OF WYOMING, US  
[85] 1999-12-03  
[86] 1998-06-08 (PCT/US98/11868)  
[87] 1998-12-30 (WO98/59048)  
[30] US (08/880,042) 1997-06-20

[21] **2,292,668**  
[13] A1

[51] **Int.Cl. 7A61K 31/56**  
[25] EN  
[54] **METHODS FOR PREVENTING PROGRESSIVE TISSUE NECROSIS, REPERFUSION INJURY, BACTERIAL TRANSLOCATION AND ADULT RESPIRATORY DISTRESS SYNDROME**  
[54] **PROCEDE DE PREVENTION DE LA NECROSE PROGRESSIVE DE TISSUS, DES LESIONS CONSECUTIVES AUX PERFUSIONS REPETEES, DES TRANSLOCATIONS BACTERIENNES ET DE LA DETRESSE RESPIRATOIRE CHEZ L'ADULTE**  
[72] FARRUKH, IMAD S., US  
[72] ORLINSKA, URSZULA, US  
[72] DAYNES, RAYMOND A., US  
[72] ARANEO, BARBARA A., US  
[71] PHARMADIGM, INC., US  
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US  
[85] 1999-12-02  
[86] 1998-06-03 (PCT/US98/11141)  
[87] 1998-12-10 (WO98/55074)  
[30] US (08/870,234) 1997-06-05

[21] **2,292,723**  
[13] A1

[51] **Int.Cl. 7C12N 15/53 7C12N 9/02 7C12N 1/15**  
[25] EN  
[54] **DNA SEQUENCES, EXPRESSION OF SAID DNA SEQUENCES, THERMOPILE LACCASES CODED BY SAID DNA SEQUENCES AND THE USE THEREOF**  
[54] **SEQUENCES D'ADN, EXPRESSION DE CES SEQUENCES D'ADN, LACCASES THERMOPHILES CODEES PAR LESDITES SEQUENCES D'ADN ET LEUR UTILISATION**  
[72] PFALLER, RUPERT, DE  
[72] WICH, GUNTER, DE  
[71] CONSORTIUM FUR ELEKTROCHEMISCHE INDUSTRIE GMBH, DE  
[85] 1999-12-01  
[86] 1998-06-04 (PCT/EP98/03343)  
[87] 1998-12-10 (WO98/55628)  
[30] DE (197 24 039.9) 1997-06-06

[21] **2,292,724**  
[13] A1

[51] **Int.Cl. 7C07K 1/02 7C07K 1/04 7C07K 1/08**  
[25] EN  
[54] **SOLID PHASE NATIVE CHEMICAL LIGATION OF UNPROTECTED OR N-TERMINAL CYSTEINE PROTECTED PEPTIDES IN AQUEOUS SOLUTION**  
[54] **LIGATION CHIMIQUE NATIVE EN PHASE SOLIDE DE PEPTIDES NON PROTEGES OU PROTEGES EN CYSTEINE N-TERMINALE DANS UNE SOLUTION AQUEUSE**  
[72] SIMON, REYNA, US  
[72] CANNE, LYNNE, US  
[72] KENT, STEPHEN B. H., US  
[71] GRYPHON SCIENCES, US  
[85] 1999-12-01  
[86] 1998-06-12 (PCT/US98/12278)  
[87] 1998-12-17 (WO98/56807)  
[30] US (60/049,553) 1997-06-13

[21] **2,292,760**  
[13] A1

[51] **Int.Cl. 7C12N 15/63 7A61K 48/00 7A61P 31/00 7C12N 15/11 7A61K 31/70**  
[25] EN  
[54] **VECTOR**  
[54] **VECTEUR**  
[72] ELLARD, FIONA MARGARET, GB  
[72] CARROLL, MILES WILLIAM, GB  
[72] MYERS, KEVIN ALAN, GB  
[72] BEBBINGTON, CHRISTOPHER ROBERT, GB  
[72] KINGSMAN, SUSAN MARY, GB  
[71] OXFORD BIOMEDICA (UK) LIMITED, GB  
[85] 1999-11-26  
[86] 1998-06-04 (PCT/GB98/01627)  
[87] 1998-12-10 (WO98/55607)  
[30] GB (9711579.4) 1997-06-04  
[30] GB (9713150.2) 1997-06-20  
[30] GB (9714230.1) 1997-07-04

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[21] **2,292,792**  
[13] A1

[51] **Int.Cl. 7C12N 15/86 7A61K 48/00 7C12N 5/10 7C12N 15/12 7C12N 15/26 7C07K 14/55 7C07K 14/745**  
[25] FR  
[54] **VECTEURS ADENOVIRAUX RECOMBINANTS COMPRENANT UNE SEQUENCE D'EPISSAGE**  
[54] **RECOMBINANT ADENOVIRAL VECTORS COMPRISING A SPLICING SEQUENCE**  
[72] MICHOU, ANNE-ISABELLE, AT  
[72] LEROY, PIERRE, FR  
[72] METHALI, MAJID, FR  
[71] TRANSGENE S.A., FR  
[85] 1999-11-29  
[86] 1998-06-02 (PCT/FR98/01105)  
[87] 1998-12-10 (WO98/55639)  
[30] FR (97/06757) 1997-06-02

[21] **2,292,794**  
[13] A1

[51] **Int.Cl. 7C07D 207/16 7A61K 38/05 7C07K 5/068 7A61K 31/40**  
[25] EN  
[54] **ACE-INHIBITOR NITRIC SALTS**  
[54] **SELS NITRIQUES INHIBITEURS DE L'ENZYME DE CONVERSION**  
[72] DEL SOLDATO, PIERO, IT  
[71] NICOX S.A., FR  
[85] 1999-11-29  
[86] 1998-06-24 (PCT/EP98/03946)  
[87] 1999-01-07 (WO99/00361)  
[30] IT (MI97A001523) 1997-06-27

[21] **2,292,795**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] FR  
[54] **METHODE DE DIAGNOSTIC GENOTYPIQUE INDIRECT DE LA MIGRAINE HEMIPLEGIQUE FAMILIALE DE TYPE 2**  
[54] **INDIRECT GENOTYPIC METHOD FOR DIAGNOSING TYPE 2 FAMILIAL HEMIPLEGIC MIGRAINE**  
[72] DUCROS, ANNE, FR  
[72] TOURNIER LASSERVE, ELISABETH, FR  
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR  
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR  
[85] 1999-12-03  
[86] 1998-06-08 (PCT/FR98/01162)  
[87] 1998-12-10 (WO98/55647)  
[30] FR (97/07033) 1997-06-06

[21] **2,292,907**  
[13] A1

[51] **Int.Cl. 7H01S 5/10 7G02B 6/12**  
[25] EN  
[54] **WAVEGUIDE**  
[54] **GUIDE D'ONDES**  
[72] WEBER, JEAN-PIERRE (deceased), SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-12-03  
[86] 1998-06-02 (PCT/EP98/03300)  
[87] 1998-12-10 (WO98/56085)  
[30] GB (9711835.0) 1997-06-06

[21] **2,292,955**  
[13] A1

[51] **Int.Cl. 7A23K 1/165**  
[25] EN  
[54] **CARBOHYDRATE-BASED ENZYME GRANULATES**  
[54] **GRANULES D'ENZYMES A BASE D'HYDRATES DE CARBONE**  
[72] BARENDSE, RUDOLF CAROLUS MARIA, NL  
[72] MEESTERS, GABRIEL MARINUS HENRICUS, NL  
[72] HARZ, HANS-PETER, DE  
[71] DSM N.V., NL  
[85] 1999-12-03  
[86] 1998-06-04 (PCT/EP98/03327)  
[87] 1998-12-10 (WO98/54980)  
[30] EP (97201641.4) 1997-06-04  
[30] US (60/048,611) 1997-06-04

[21] **2,293,209**  
[13] A1

[51] **Int.Cl. 7F01N 7/18 7B21D 39/02 7B21D 39/03 7B21D 19/08 7B21D 37/08**  
[25] EN  
[54] **TUBE END CLOSURE**  
[54] **TAMPON DE SECTION DE TUBE**  
[72] THORPE, DENIS, MY  
[71] DELAROY SDN.BHD, MY  
[85] 1999-12-10  
[86] 1998-06-05 (PCT/NZ98/00078)  
[87] 1998-12-23 (WO98/58165)  
[30] NZ (328099) 1997-06-16

[21] **2,293,212**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**  
[25] EN  
[54] **A SYSTEM AND METHOD ENABLING SHOPPING FROM HOME FOR FITTED EYEGLASS FRAMES**  
[54] **SYSTEME ET PROCEDE PERMETTANT D'ACHETER A DOMICILE DES MONTURES DE LUNETTES AJUSTEES**  
[72] FAY, PIERRE N., US  
[71] FAY, PIERRE N., US  
[85] 1999-12-10  
[86] 1998-06-12 (PCT/US98/12274)  
[87] 1998-12-17 (WO98/57270)  
[30] US (08/874,269) 1997-06-13

[21] **2,293,213**  
[13] A1

[51] **Int.Cl. 7C07F 1/00 7C07F 1/02 7C07F 1/04 7C07F 1/06**  
[25] EN  
[54] **METHOD FOR PRODUCING ORGANOALKALI-METAL COMPOUNDS**  
[54] **PROCEDE POUR LA PREPARATION DE COMPOSES ORGANOMETALLIQUES ALCALINS**  
[72] LISCHKA, UWE, DE  
[72] RITTMAYER, PETER, DE  
[72] WIETELMANN, ULRICH, DE  
[71] METALLGESELLSCHAFT AKTIENGESELLSCHAFT, DE  
[85] 1999-12-10  
[86] 1998-06-02 (PCT/EP98/03267)  
[87] 1998-12-23 (WO98/57974)  
[30] DE (197 25 192.7) 1997-06-14

[21] **2,293,216**  
[13] A1

[51] **Int.Cl. 7G06K 9/00**  
[25] EN  
[54] **A METHOD AND SYSTEM FOR CREATING AN IMAGE-BASED VIRTUAL REALITY ENVIRONMENT UTILIZING A FISHEYE LENS**  
[54] **PROCEDE ET SYSTEME DE CREATION D'UN ENVIRONNEMENT DE REALITE VIRTUELLE A PARTIR D'UNE IMAGE ET AU MOYEN D'UN OEIL-DE-POISSON**  
[72] XIONG, YALIN, US  
[71] APPLE COMPUTER, INC., US  
[85] 1999-12-10  
[86] 1998-06-11 (PCT/US98/12224)  
[87] 1998-12-17 (WO98/57292)  
[30] US (08/873,438) 1997-06-12



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[21] **2,293,217**  
[13] A1

[51] **Int.Cl. 7G01V 7/02 7G01V 7/04**  
[25] EN  
[54] **GRAVITY GRADIOMETER ACCELEROMETERS**  
[54] **ACCELEROMETRES AVEC DISPOSITIF PERMETTANT DE MESURER LES GRADIENTS DE GRAVITE**  
[72] GOODWIN, GRAHAM CLIFFORD, AU  
[72] ADAMS, GREGORY JOHN, AU  
[72] TURNER, ROBERT JOHN, AU  
[72] LEE, JAMES BERESFORD, AU  
[72] O'KEEFE, GRAEME JOSEPH, AU  
[71] THE BROKEN HILL PROPRIETARY COMPANY LIMITED, AU  
[85] 1999-12-10  
[86] 1998-06-11 (PCT/AU98/00442)  
[87] 1998-12-17 (WO98/57196)  
[30] AU (PO 7319) 1997-06-11  
[30] AU (PO 7315) 1997-06-12

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[21] **2,293,218**  
[13] A1

[51] **Int.Cl. 7B60S 1/08**  
[25] EN  
[54] **WINDOW WIPER MOTOR SYSTEM FOR AN AUTOMOTIVE VEHICLE**  
[54] **MOTEUR D'ESSUIE-GLACE POUR VEHICULE AUTOMOBILE**  
[72] LEMAY, PHILIP, US  
[72] MAUE, H. WINSTON, US  
[71] LEAR AUTOMOTIVE DEARBORN, INC., US  
[85] 1999-12-10  
[86] 1998-06-16 (PCT/US98/12543)  
[87] 1998-12-30 (WO98/58825)  
[30] US (08/879,548) 1997-06-20

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[21] **2,293,219**  
[13] A1

[51] **Int.Cl. 7G01V 7/16 7G01V 7/02 7G01V 7/04**  
[25] EN  
[54] **GRAVITY GRADIOMETER INSTRUMENT A MESURER LES GRADIENTS DE GRAVITE**  
[72] O'KEEFE, GRAEME JOSEPH, AU  
[72] LEE, JAMES BERESFORD, AU  
[72] TURNER, ROBERT JOHN, AU  
[72] ADAMS, GREGORY JOHN, AU  
[72] GOODWIN, GRAHAM CLIFFORD, AU  
[71] THE BROKEN HILL PROPRIETARY COMPANY LIMITED, AU  
[85] 1999-12-10  
[86] 1998-06-11 (PCT/AU98/00441)  
[87] 1998-12-17 (WO98/57197)  
[30] AU (PO 7318) 1997-06-11  
[30] AU (PO 7314) 1997-06-12

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[21] **2,293,221**  
[13] A1

[51] **Int.Cl. 7H04N 17/04**  
[25] EN  
[54] **HIGH SPEED DIGITAL ZONE CONTROL**  
[54] **REGLAGE NUMERIQUE GRANDE VITESSE DE LA ZONE**  
[72] WEBB, JAMES R., US  
[72] SIMPSON, RON C., US  
[71] DISPLAY LABORATORIES, INC., US  
[85] 1999-12-10  
[86] 1998-06-15 (PCT/US98/12390)  
[87] 1998-12-23 (WO98/58500)  
[30] US (60/049,669) 1997-06-16  
[30] US (09/034,479) 1998-03-04

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[21] **2,293,222**  
[13] A1

[51] **Int.Cl. 7G06F 9/46 7G06F 17/30**  
[25] EN  
[54] **SYSTEM FOR FACILITATING DRUG DISCOVERY DATA AND METHOD THEREOF**  
[54] **SYSTEME FACILITANT LA RECHERCHE DE DONNEES RELATIVES A LA DECOUVERTE DE MEDICAMENTS ET PROCEDE ASSOCIE**  
[72] DICKSON, MICHAEL C., US  
[72] SOCLOF, MICHAL S., US  
[72] GLYNIAS, MANUEL J., US  
[72] FORSCH, DANIEL A., US  
[72] O'DELL, JOANNE M., US  
[71] NETGENICS CORPORATION, US  
[85] 1999-12-10  
[86] 1998-06-10 (PCT/US98/11981)  
[87] 1998-12-17 (WO98/57263)  
[30] US (08/873,217) 1997-06-11

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[21] **2,293,225**  
[13] A1

[51] **Int.Cl. 7A45D 40/26**  
[25] EN  
[54] **UNIDIRECTIONAL COSMETIC WIPER**  
[54] **DISPOSITIF NETTOYANT DE COSMETIQUE UNIDIRECTIONNEL**  
[72] BOUIX, HERVE F., US  
[71] COLOR ACCESS, INC., US  
[85] 1999-12-13  
[86] 1999-04-12 (PCT/US99/08149)  
[87] 1999-10-28 (WO99/53797)  
[30] US (09/065,127) 1998-04-23

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[21] **2,293,226**  
[13] A1

[51] **Int.Cl. 7B01J 29/62 7B01J 27/08 7C07C 5/41**  
[25] EN  
[54] **HALOGEN-CONTAINING CATALYST AND PROCESS FOR THE PREPARATION THEREOF**  
[54] **CATALYSEUR CONTENANT UN HALOGENE ET PROCEDE DE FABRICATION**  
[72] FUKUNAGA, TETSUYA, JP  
[72] ISHII, MITSUE, JP  
[71] IDEMITSU KOSAN CO., LTD., JP  
[71] CHEVRON CHEMICAL COMPANY LLC, US  
[85] 1999-12-10  
[86] 1998-06-05 (PCT/JP98/02502)  
[87] 1998-12-17 (WO98/56502)  
[30] JP (154726/1997) 1997-06-12  
[30] JP (154727/1997) 1997-06-12  
[30] JP (320736/1997) 1997-11-21

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[21] **2,293,228**  
[13] A1  
[51] **Int.Cl. 7B65D 25/00**  
[25] EN  
[54] **CONTAINER FOR COMPRESSORS AND OTHER GOODS**  
[54] **CONTENANT POUR COMPRESSEURS ET AUTRES MARCHANDISES**  
[72] KATCHMAZENSKI, ROBERT A., US  
[71] LIBERTY CARTON COMPANY, US  
[85] 1999-12-10  
[86] 1998-07-24 (PCT/US98/15410)  
[87] 1999-10-21 (WO99/52783)  
[30] US (60/081,719) 1998-04-14  
[30] US (60/081,720) 1998-04-14

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[21] **2,293,229**  
[13] A1  
[51] **Int.Cl. 7H04N 5/38**  
[25] EN  
[54] **USING EQUALIZED DATA FOR FILTER SELECTION IN HDTV RECEIVER**  
[54] **UTILISATION DE DONNEES EGALISEES POUR LA SELECTION D'UN FILTRE DANS UN RECEPTEUR DE TELEVISION HAUTE DEFINITION (TVHD)**  
[72] NIELSEN, LARRY E., US  
[71] ZENITH ELECTRONICS CORPORATION, US  
[85] 1999-12-13  
[86] 1999-04-01 (PCT/US99/07231)  
[87] 1999-11-04 (WO99/56464)  
[30] US (09/066,123) 1998-04-24

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[21] **2,293,230**  
[13] A1  
[51] **Int.Cl. 7E04C 3/12 7F16B 5/02 7E04B 1/26**  
[25] EN  
[54] **COUPLING PURLIN CONSISTING OF TWO OR MORE WOODEN BEAMS ADJOINING AND OVERLAPPING EACH OTHER LONGITUDINALLY, AS WELL AS FASTENING ELEMENT FOR JOINING TWO OVERLAPPING END AREAS OF WOODEN BEAMS FOR USE AS A COUPLING PURLIN**  
[54] **PANNE DE COUPLAGE CONSTITUEE DE DEUX OU PLUSIEURS POUTRES EN BOIS JOINTES L'UNE A L'AUTRE PAR CHEVAUCHEMENT LONGITUDINAL, AINSI QU'ELEMENT DE FIXATION POUR RELIER DEUX ZONES D'EXTREMITE SE CHEVAUCHANT DE POUTRES EN BOIS A UTILISER POUR UNE PANNE DE COUPLAGE**  
[72] MATTLE, PAUL, CH  
[71] SFS INDUSTRIE HOLDING AG, CH  
[85] 1999-12-07  
[86] 1998-06-05 (PCT/EP98/03376)  
[87] 1998-12-17 (WO98/57005)  
[30] DE (197 24 284.7) 1997-06-09  
[30] DE (197 41 735.3) 1997-09-22

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[21] **2,293,232**  
[13] A1  
[51] **Int.Cl. 7A47G 25/00**  
[25] EN  
[54] **HOSIERY RETAINING DEVICE AND METHOD**  
[54] **DISPOSITIF ET PROCEDE POUR SERRER DES ARTICLES DE BONNETERIE**  
[72] NEUBAUER, DEBORAH A., US  
[72] OKEY, STEVEN P., US  
[71] NEUBAUER, DEBORAH A., US  
[71] OKEY, STEVEN P., US  
[85] 1999-12-10  
[86] 1999-04-06 (PCT/US99/07572)  
[87] 1999-12-09 (WO99/62384)  
[30] US (60/081,473) 1998-04-10  
[30] US (60/082,840) 1998-04-23  
[30] US (60/105,442) 1998-10-23  
[30] US (09/221,040) 1998-12-28

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[21] **2,293,233**  
[13] A1  
[51] **Int.Cl. 7A47L 13/22 7A47L 13/29**  
[25] EN  
[54] **APPARATUS FOR MOPPING FLOORS**  
[54] **APPAREIL POUR LAVAGE DE SOL**  
[72] ROY, NORMAND L., CA  
[71] ROY, NORMAND L., CA  
[85] 1999-12-13  
[86] 1998-06-17 (PCT/CA98/00590)  
[87] 1999-01-07 (WO99/00049)  
[30] US (08/883,498) 1997-06-26

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[21] **2,293,234**  
[13] A1  
[51] **Int.Cl. 7B60G 11/02**  
[25] EN  
[54] **HYBRID LEAF SPRING AND SUSPENSION SYSTEM FOR SUPPORTING AN AXLE ON A VEHICLE**  
[54] **RESSORT A LAMES HYBRIDE ET SYSTEME DE SUSPENSION SERVANT A SUPPORTER UN ESSIEU SUR UN VEHICULE**  
[72] MEATTO, FRANK, US  
[72] PILPEL, EDWARD, US  
[72] GORDON, D. MICHAEL, US  
[72] GORDON, DAVID C., US  
[71] PACIFIC COAST COMPOSITES, US  
[85] 1999-12-10  
[86] 1998-08-06 (PCT/US98/16413)  
[87] 1999-02-18 (WO99/07566)  
[30] US (08/906,747) 1997-08-06

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[21] **2,293,236**  
[13] A1  
[51] **Int.Cl. 7G11B 27/034**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ACCESSING AND MANIPULATING TIME-BASED DATA**  
[54] **PROCEDE ET SYSTEME POUR MANIPULER DES DONNEES TEMPORELLES**  
[72] GAGNE, RÉJEAN, CA  
[71] AVID TECHNOLOGY, INC., US  
[85] 1999-12-07  
[86] 1999-04-13 (PCT/CA99/00313)  
[87] 1999-10-28 (WO99/54879)  
[30] US (09/063,289) 1998-04-21

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## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,293,237</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C13D 3/00</b> [25] EN [54] <b>METHOD FOR PURIFYING SUGAR SOLUTIONS USING HYDROLYZED POLYACRYLAMIDES</b> [54] <b>PROCEDES DE PURIFICATION DE SOLUTIONS DE SUCRE A L'AIDE DE POLYACRYLAMIDES HYDROLYSEES</b> [72] DAI, QI, US [72] COVILLE, MICHAEL W., US [71] CYTEC TECHNOLOGY CORP., US [85] 1999-12-10 [86] 1998-06-01 (PCT/US98/11377) [87] 1998-12-17 (WO98/56957) [30] US (08/874,427) 1997-06-13</p>	<p style="text-align: right;">[21] <b>2,293,241</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H03F 1/26</b> [25] EN [54] <b>ADAPTIVE BIASING IN A POWER AMPLIFIER</b> [54] <b>POLARISATION ADAPTATIVE DANS UN AMPLIFICATEUR DE PUISSANCE</b> [72] GENTZLER, CHARLES R., US [71] POWERWAVE TECHNOLOGIES, INC., US [85] 1999-12-07 [86] 1999-04-07 (PCT/US99/07647) [87] 1999-10-14 (WO99/52204) [30] US (09/057,380) 1998-04-08</p>	<p style="text-align: right;">[21] <b>2,293,245</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C01B 17/00 7C07D 251/04 7C07C 211/09</b> [25] EN [54] <b>METHOD AND COMPOSITION FOR THE REGENERATION OF AN AMINAL COMPOUND</b> [54] <b>PROCEDE ET COMPOSITION DE REGENERATION D'UN COMPOSE AMINAL</b> [72] TRAUFFER, EDWARD A., US [72] CAGLAR, MUGE, US [71] QUAKER CHEMICAL CORPORATION, US [85] 1999-12-13 [86] 1998-07-01 (PCT/US98/13724) [87] 1999-01-14 (WO99/01376) [30] US (08/886,868) 1997-07-02</p>
<p style="text-align: right;">[21] <b>2,293,238</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65G 41/00 7E21F 13/08 7E21C 27/24</b> [25] EN [54] <b>CONVEYOR FOR ULTRA THIN SEAM COAL MINING</b> [54] <b>TRANSPORTEUR POUR L'EXPLOITATION DE FILONS DE CHARBON ULTRA MINCES</b> [72] DELLI-GATTI, FRANK JR., US [71] COALTEX, INC., US [85] 1999-12-07 [86] 1998-07-21 (PCT/US98/15001) [87] 1999-02-04 (WO99/05052) [30] US (08/898,753) 1997-07-23</p>	<p style="text-align: right;">[21] <b>2,293,243</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 6/18 7B29D 11/00</b> [25] EN [54] <b>POLYMERIC OPTICAL ARTICLES</b> [54] <b>ARTICLES D'OPTIQUE POLYMERES</b> [72] ILYASHENKO, VICTOR M., US [71] BOSTON OPTICAL FIBER, INC., US [85] 1999-12-07 [86] 1998-06-12 (PCT/US98/12295) [87] 1998-12-17 (WO98/57204) [30] US (08/873,952) 1997-06-12</p>	<p style="text-align: right;">[21] <b>2,293,246</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 7/48</b> [25] EN [54] <b>COSMETIC COMPOSITIONS</b> [54] <b>COMPOSITIONS COSMETIQUES</b> [72] DECKNER, GEORGE ENDEL, US [72] SANG, CHUNE, GB [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-12-07 [86] 1998-06-12 (PCT/US98/12507) [87] 1998-12-17 (WO98/56343) [30] GB (9712272.5) 1997-06-12</p>
<p style="text-align: right;">[21] <b>2,293,239</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 27/26</b> [25] EN [54] <b>ADAPTIVE BIT ALLOCATION FOR VARIABLE BANDWIDTH MULTICARRIER COMMUNICATION</b> [54] <b>ATTRIBUTION DE BIT ADAPTATIVE POUR COMMUNICATIONS PAR PORTEUSES MULTIPLES A LARGEUR DE BANDE VARIABLE</b> [72] TZANNES, MARCOS, US [72] KECHRITIS, GEORGE, US [72] WU, PUI, US [71] AWARE, INC., US [85] 1999-12-10 [86] 1998-06-09 (PCT/US98/11845) [87] 1998-12-17 (WO98/57472) [30] US (08/873,421) 1997-06-12</p>	<p style="text-align: right;">[21] <b>2,293,244</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C25B 9/00 7C25B 1/14 7C25B 1/26</b> [25] EN [54] <b>FUSED CHLORIDE SALT ELECTROLYSIS CELL</b> [54] <b>CELLULE D'ELECTROLYSE DE SELS DE CHLORURE FONDU</b> [72] BERGMANN, OSWALD ROBERT, US [72] BLANK, HOWARD M., US [72] SIMMONS, WALTER JOHN, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 1999-12-09 [86] 1998-07-23 (PCT/US98/15678) [87] 1999-02-04 (WO99/05343) [30] US (08/900,267) 1997-07-25</p>	<p style="text-align: right;">[21] <b>2,293,247</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 405/12 7A61K 31/445</b> [25] EN [54] <b>4-PHENYLPYPERIDINE COMPOUNDS</b> [54] <b>COMPOSES 4-PHENYLPYPERIDINE</b> [72] PETERS, THEODORUS HENDRICUS ANTONIUM, NL [72] VAN DALEN, FRANS, NL [72] PICHA, FRANTISEK, CZ [72] LEMMENS, JACOBUS MARIA, NL [72] BENNEKER, FRANCISCUS BERNARDUS GEMMA, NL [71] SYNTHON B.V., NL [85] 1999-12-09 [86] 1997-06-10 (PCT/NL97/00328) [87] 1998-12-17 (WO98/56787)</p>

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[21] **2,293,248**  
[13] A1

[51] **Int.Cl. 7C12N 15/55 7C12N 9/16 7C07K 16/40 7A61K 38/46 7C12Q 1/68**  
[25] EN  
[54] **HUMAN PROTEIN PHOSPHATASE II-C-LIKE PROTEIN**  
[54] **PROTEINE-PHOSPHATASE HUMAINE ANALOGUE A LA PROTEINE II-C**  
[72] LAL, PREETI, US  
[72] GOLI, SURYA K., US  
[72] BANDMAN, OLGA, US  
[72] CORLEY, NEIL C., US  
[72] ZHANG, HONG, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 1999-12-09  
[86] 1998-06-11 (PCT/US98/11614)  
[87] 1998-12-17 (WO98/56925)  
[30] US (08/873,093) 1997-06-11

[21] **2,293,249**  
[13] A1

[51] **Int.Cl. 7C10L 1/32**  
[25] EN  
[54] **AQUEOUS EMULSION FUELS FROM PETROLEUM RESIDUUM-BASED FUEL OILS**  
[54] **EMULSIONS AQUEUSES ISSUES DE COMBUSTIBLES LIQUIDES BASES SUR UN RESIDUUM DE PETROLE**  
[72] GUNNERMAN, RUDOLF W., US  
[71] GUNNERMAN, RUDOLF W., US  
[85] 1999-12-06  
[86] 1999-04-22 (PCT/US99/08492)  
[87] 1999-10-28 (WO99/54426)  
[30] US (09/064,678) 1998-04-22  
[30] US (09/081,867) 1998-05-20

[21] **2,293,250**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/18 7C07K 14/47 7C12Q 1/68**  
[25] EN  
[54] **HUMAN PHOSPHATIDYLINOSITOL TRANSFER PROTEIN GAMMA**  
[54] **PROTEINE GAMMA HUMAINE DE TRANSFERT DE PHOSPHATIDYL INOSITOL**  
[72] GOLI, SURYA K., US  
[72] HILLMAN, JENNIFER L., US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 1999-12-09  
[86] 1998-06-10 (PCT/US98/11917)  
[87] 1998-12-17 (WO98/56911)  
[30] US (08/872,961) 1997-06-11

[21] **2,293,251**  
[13] A1

[51] **Int.Cl. 7E21B 10/46**  
[25] EN  
[54] **ROTATABLE CUTTING BIT ASSEMBLY WITH WEDGE-LOCK RETENTION ASSEMBLY**  
[54] **ENSEMBLE TREPAN TRANCHANT ROTATIF A ENSEMBLE DE MAINTIEN A VERROUILLAGE PAR COIN**  
[72] LOSCH, WILLIAM P., US  
[72] MONTGOMERY, ROBERT H., JR., US  
[72] SIDDLE, DAVID R., US  
[72] MASSA, TED R., US  
[71] KENNAMETAL INC., US  
[85] 1999-12-13  
[86] 1998-06-22 (PCT/US98/12185)  
[87] 1999-01-28 (WO99/04129)  
[30] US (08/893,031) 1997-07-15

[21] **2,293,252**  
[13] A1

[51] **Int.Cl. 7C07C 69/675 7C07C 69/007 7C07C 235/02 7C07C 235/06 7A61K 7/32 7C07C 311/39 7A61K 7/46 7C11D 3/50**  
[25] EN  
[54] **FRAGRANCE PRECURSOR COMPOUNDS**  
[54] **COMPOSES DE PRECURSEUR DE PARFUM**  
[72] ANDERSON, DENISE, CH  
[72] FRATER, GEORG, CH  
[71] GIVAUDAN-ROURE (INTERNATIONAL) S.A., CH  
[85] 1999-12-09  
[86] 1998-06-22 (PCT/EP98/03772)  
[87] 1998-12-30 (WO98/58899)  
[30] EP (97110195.1) 1997-06-21

[21] **2,293,253**  
[13] A1

[51] **Int.Cl. 7A01N 37/50**  
[25] EN  
[54] **FUNGICIDAL COMBINATIONS COMPRISING PHENYLACRYLIC ACID DERIVATIVES**  
[54] **COMBINAISONS FONGICIDES COMPRENANT DES DERIVES DE L'ACIDE PHENYLACRYLIQUE**  
[72] KNAUF-BEITER, GERTRUDE, DE  
[72] GSELL, BETTINA, CH  
[72] ZURFLUH, RENÉ, CH  
[71] NOVARTIS AG, CH  
[85] 1999-12-09  
[86] 1998-08-27 (PCT/EP98/05453)  
[87] 1999-03-11 (WO99/11125)  
[30] GB (9718366.9) 1997-08-29

[21] **2,293,254**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12Q 1/02 7C12N 5/10 7G01N 33/566**  
[25] EN  
[54] **ASSAY METHODS AND COMPOSITIONS USEFUL FOR MEASURING RECEPTOR LIGAND BINDING**  
[54] **METHODES ET COMPOSITIONS D'ANALYSE UTILES POUR EVALUER LA LIAISON D'UN LIGAND A SON RECEPTEUR**  
[72] LEE, DAVID K. H., CA  
[72] BALLYK, BARBARA ANN, CA  
[72] ZASTAWNY, ROMAN, CA  
[72] DEMCHYSHYN, LIDIA, CA  
[72] CATALANO, CONCETTINA, CA  
[71] ALLELIX BIOPHARMACEUTICALS INC., CA  
[85] 1999-12-13  
[86] 1998-06-12 (PCT/CA98/00581)  
[87] 1998-12-23 (WO98/58074)  
[30] US (08/874,663) 1997-06-13

[21] **2,293,255**  
[13] A1

[51] **Int.Cl. 7H04Q 11/04**  
[25] EN  
[54] **MULTIMEDIA MULTIPOINT TELECOMMUNICATIONS RESERVATION ACCEPTANCE SYSTEMS AND CONTROLLERS**  
[54] **SYSTEMES ET CONTROLEURS DE VALIDATION DES RESERVATIONS DANS UN RESEAU DE TELECOMMUNICATIONS MULTIMEDIA MULTIPOINT**  
[72] ROTTOO, SUNIL, CA  
[71] GENERAL DATACOMM, INC., US  
[85] 1999-12-13  
[86] 1998-06-03 (PCT/US98/11358)  
[87] 1998-12-23 (WO98/58518)  
[30] US (08/877,463) 1997-06-16

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,293,256</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A43B 5/04 7A63C 9/00</b> [25] EN [54] <b>IMPROVEMENTS IN FIT AND SUPPORT SYSTEM FOR THE FOOT</b> [54] <b>AMELIORATIONS APORTEES A UN SYSTEME DE CALAGE ET DE SOUTIEN DU PIED</b> [72] MACPHAIL, DAVID M., CA [72] PODBORSKI, STEVE, CA [72] HOSHIZAKI, BLAINE, CA [71] MACPOD ENTERPRISES LTD., CA [85] 1999-12-13 [86] 1998-06-04 (PCT/CA98/00553) [87] 1998-12-17 (WO98/56271) [30] US (08/873,870) 1997-06-12</p>	<p style="text-align: right;">[21] <b>2,293,259</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 6/34</b> [25] EN [54] <b>MULTI-BAND-PASS FILTER</b> [54] <b>FILTRE A BANDES PASSANTES MULTIPLES</b> [72] KASHYAP, RAMAN, GB [71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB [85] 1999-12-09 [86] 1998-06-17 (PCT/GB98/01761) [87] 1998-12-30 (WO98/59269) [30] EP (97304350.8) 1997-06-20</p>	<p style="text-align: right;">[21] <b>2,293,262</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A22C 21/00</b> [25] EN [54] <b>OVERHEAD CONVEYOR SYSTEM FOR SLAUGHTERED CHICKENS OR OTHER POULTRY</b> [54] <b>SYSTEME DE TRANSPORT PAR SUSPENSION POUR POULETS OU AUTRES VOLAILLES ABATTUES</b> [72] TIELEMAN, EDWARD JOHANNES, BE [71] TIELEMAN FOOD EQUIPMENT B.V., NL [85] 1999-12-07 [86] 1998-06-09 (PCT/NL98/00337) [87] 1998-12-17 (WO98/56255) [30] NL (1006286) 1997-06-11</p>
<p style="text-align: right;">[21] <b>2,293,257</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 7/48</b> [25] EN [54] <b>COSMETIC COMPOSITIONS</b> [54] <b>COMPOSITIONS COSMETIQUES</b> [72] DECKNER, GEORGE ENDEL, US [72] SANG, CHUNE, GB [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-12-07 [86] 1998-06-12 (PCT/US98/12508) [87] 1998-12-17 (WO98/56344) [30] GB (9712269.1) 1997-06-12</p>	<p style="text-align: right;">[21] <b>2,293,260</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01M 15/00 7F23D 14/20 7F23D 14/22 7F23D 11/24 7F23D 11/26 7F23D 14/28 7F23D 14/34 7F23D 11/36 7F23D 11/46</b> [25] EN [54] <b>IMPROVEMENTS IN TORCHES AND BURNERS FOR FLAME CULTIVATION AND FLAMING</b> [54] <b>TORCHES ET BRULEURS AMELIORES POUR DESHERBAGE A LA FLAMME</b> [72] JOHNSTONE, IAN, AU [72] SMITH, ROBERT, AU [71] BORAL ENERGY LIMITED, AU [85] 1999-12-13 [86] 1999-03-16 (PCT/AU99/00164) [87] 1999-10-21 (WO99/52355) [30] AU (61914/98) 1998-04-15 [30] AU (PP 6336) 1998-10-02</p>	<p style="text-align: right;">[21] <b>2,293,263</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06K 7/00</b> [25] EN [54] <b>FINANCIAL TRANSACTION PROCESSING SYSTEMS AND METHODS</b> [54] <b>PROCEDES ET SYSTEMES DE TRAITEMENT DE TRANSACTIONS FINANCIERES</b> [72] STROVINK, ERIC F., US [72] KROUSE, LOUIS J., US [71] DIRECT EXPRESS L.L.C., US [85] 1999-12-13 [86] 1998-06-15 (PCT/US98/12399) [87] 1998-12-17 (WO98/57291) [30] US (08/874,312) 1997-06-13</p>
<p style="text-align: right;">[21] <b>2,293,258</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 33/00</b> [25] EN [54] <b>CLOSURE SYSTEM FOR PLIABLE CONTAINER AND METHOD AND APPARATUS FOR PRODUCING THE SAME</b> [54] <b>SYSTEME DE FERMETURE POUR CONTENEUR SOUPLE ET PROCEDE ET APPAREIL PERMETTANT DE PRODUIRE CE DERNIER</b> [72] HAUSSLEIN, ROBERT W., US [71] ARTHUR D. LITTLE ENTERPRISES, INC., US [85] 1999-12-09 [86] 1998-06-29 (PCT/US98/13128) [87] 1999-01-07 (WO99/00312) [30] US (08/885,667) 1997-06-30</p>	<p style="text-align: right;">[21] <b>2,293,261</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61N 1/05</b> [25] EN [54] <b>STYLETS FOR ENHANCING IMPLANTATION OF THIN ENDOCARDIAL LEADS</b> [54] <b>STYLETS FACILITANT L'IMPLANTATION DE SONDAS ENDOCAVITAIRES MINCES</b> [72] STOTTS, LAWRENCE J., US [72] ALT, ECKHARD U., DE [71] INTERMEDICS, INC., US [85] 1999-12-09 [86] 1998-06-09 (PCT/US98/12075) [87] 1998-12-17 (WO98/56456) [30] US (08/874,037) 1997-06-12</p>	<p style="text-align: right;">[21] <b>2,293,264</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 75/58</b> [25] EN [54] <b>FLEXIBLE POUCH AND DISPENSING NOZZLE ASSEMBLY</b> [54] <b>ENSEMBLE POCHE FLEXIBLE ET AJUTAGE</b> [72] PAL, NAGESH KESHAV, IN [72] MILIO, RONALD JOHN, GB [72] DHALEWADIKAR, SHASHANK VAMAN, IN [71] UNILEVER PLC, GB [85] 1999-12-07 [86] 1998-06-08 (PCT/EP98/03502) [87] 1998-12-17 (WO98/56685) [30] GB (9712075.2) 1997-06-10 [30] GB (9719827.9) 1997-09-17</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,293,265</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01N 33/02</b> [25] EN [54] <b>ANTI-ARRHYTHMIC COMPOSITION AND METHODS OF TREATMENT</b> [54] <b>COMPOSITIONS POUR TRAITER L'ARYTHMIE ET PROCEDES DE TRAITEMENT</b> [72] BERGERON, RAYMOND J., JR., US [71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US [85] 1999-12-02 [86] 1998-06-03 (PCT/US98/11238) [87] 1998-12-10 (WO98/54962) [30] US (08/868,941) 1997-06-04</p>	<p style="text-align: right;">[21] <b>2,293,268</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A46B 1/00 7A46D 1/00</b> [25] EN [54] <b>UNITARILY MOLDED TOOTHBRUSH</b> [54] <b>BROSSE A DENTS MOULEE EN MONOBLOC</b> [72] BENNETT, ROBERT ALFRED, US [71] UNILEVER PLC, GB [85] 1999-12-07 [86] 1998-06-15 (PCT/EP98/03698) [87] 1998-12-23 (WO98/57570) [30] US (60/049721) 1997-06-16 [30] US (09/018987) 1998-02-05</p>	<p style="text-align: right;">[21] <b>2,293,270</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/54 7C12N 9/10 7C07K 16/40 7C12Q 1/48</b> [25] EN [54] <b>PRENYLCYSTEINE CARBOXYL METHYLTRANSFERASE, DNA ENCODING SAME, AND A METHOD OF SCREENING FOR INHIBITORS THEREOF</b> [54] <b>PRENYLCYSTEINE CARBOXYLE METHYLTRANSFERASE, ADN CODANT POUR CELLE-CI, ET PROCEDE DE CRIBLAGE POUR RECHERCHER DES INHIBITEURS DE CELLE-CI</b> [72] PHILIPS, MARK, US [71] NEW YORK UNIVERSITY, US [85] 1999-12-09 [86] 1998-06-11 (PCT/US98/12328) [87] 1998-12-17 (WO98/56924) [30] US (60/049,304) 1997-06-11</p>
<p style="text-align: right;">[21] <b>2,293,266</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61L 31/00</b> [25] EN [54] <b>TREATING METAL SURFACES TO ENHANCE BIO-COMPATIBILITY</b> [54] <b>TRAITEMENT DE SURFACES METALLIQUES POUR AMELIORER LEUR BIOCOMPATIBILITE ET/OU LEURS CARACTERISTIQUES PHYSIQUES</b> [72] TAKTAK, YOUSEF SAMIH, GB [72] AL-LAMEE, KADEM GAYAD, GB [71] POLYBIOMED LIMITED, GB [85] 1999-12-02 [86] 1998-06-03 (PCT/GB98/01609) [87] 1998-12-10 (WO98/55162) [30] GB (9711377.3) 1997-06-03</p>	<p style="text-align: right;">[21] <b>2,293,269</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01J 1/30</b> [25] EN [54] <b>FIELD EMISSION CATHODE AND A LIGHT SOURCE INCLUDING A FIELD EMISSION CATHODE</b> [54] <b>CATHODE D'EMISSION PAR EFFET DE CHAMP ET SOURCE LUMINEUSE COMPORTANT UNE CATHODE D'EMISSION PAR EFFET DE CHAMP</b> [72] OLSFORS, JAN, CH [72] SHESHIN, EVGENIJ PAVLOVICH, RU [72] SUVOROV, ALEXANDER LEONIDOVICH, RU [72] KAFTANOV, VITALY SERGEEVICH, RU [71] LIGHTLAB AB, SE [85] 1999-12-13 [86] 1998-06-10 (PCT/SE98/01117) [87] 1998-12-17 (WO98/57345) [30] SE (9702276-8) 1997-06-13</p>	<p style="text-align: right;">[21] <b>2,293,271</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01J 1/30</b> [25] EN [54] <b>A LIGHT SOURCE INCLUDING A FIELD EMISSION CATHODE, AND A FIELD EMISSION CATHODE</b> [54] <b>SOURCE LUMINEUSE COMPRENANT UNE CATHODE D'EMISSION PAR EFFET DE CHAMP, ET CATHODE D'EMISSION PAR EFFET DE CHAMP</b> [72] SUVOROV, ALEXANDER LEONIDOVICH, RU [72] SHESHIN, EVGENIJ PAVLOVICH, RU [72] KAFTANOV, VITALY SERGEEVICH, RU [72] OLSFORS, JAN, CH [71] LIGHTLAB AB, SE [85] 1999-12-13 [86] 1998-06-10 (PCT/SE98/01116) [87] 1998-12-17 (WO98/57344) [30] SE (9702275-0) 1997-06-13</p>
<p style="text-align: right;">[21] <b>2,293,267</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E02B 8/08</b> [25] EN [54] <b>FLOW INDUCER FISH GUIDE AND METHOD OF USING SAME</b> [54] <b>SYSTEME POUR GUIDER LES DEPLACEMENTS DES POISSONS AVEC INDUCTEUR DE COURANT ET PROCEDE D'UTILISATION DE CE SYSTEME</b> [72] TRUEBE, JONATHAN PAUL, US [72] TRUEBE, ERIC PAUL, US [71] CURRENT SOLUTIONS, L.L.C., US [85] 1999-12-09 [86] 1998-06-09 (PCT/US98/11488) [87] 1998-12-17 (WO98/56241) [30] US (60/049,315) 1997-06-10</p>	<p style="text-align: right;">[21] <b>2,293,272</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 17/60</b> [25] EN [54] <b>DISPLAY APPARATUS</b> [54] <b>AFFICHEUR</b> [72] IMPINK, ALBERT JOSEPH JR., US [71] IMPINK, ALBERT JOSEPH JR., US [85] 1999-12-07 [86] 1999-04-09 (PCT/US99/07822) [87] 1999-10-21 (WO99/53424) [30] US (09/059,154) 1998-04-13</p>	

## PCT Applications Entering the National Phase

<p>[21] <b>2,293,273</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 2/42</b> [25] EN [54] <b>BIAXIAL LIGAMENTOUS-RESTRAINED PROSTHESES FOR UPPER AND LOWER EXTREMITY ARTHROPLASTIES</b> [54] <b>PROTHESES A DEUX AXES, RETENUES PAR MOYENS LIGAMENTEUX, ET DESTINEES A L'ARTHROPLASTIE DES MEMBRES SUPERIEURS ET INFERIEURS</b> [72] GOLDBERG, ROBERT, US [71] GOLDBERG, ROBERT, US [85] 1999-12-07 [86] 1997-08-19 (PCT/US97/14517) [87] 1998-12-17 (WO98/56318) [30] US (08/871343) 1997-06-09</p>	<p>[21] <b>2,293,276</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E21B 10/00</b> [25] EN [54] <b>ROTATABLE CUTTING BIT ASSEMBLY WITH CUTTING INSERTS</b> [54] <b>ENSEMBLE TREPAN TRANCHANT ROTATIF AVEC ELEMENTS RAPPORTES TRANCHANTS</b> [72] SIDDLE, DAVID R., US [72] MASSA, TED R., US [71] KENNAMETAL INC., US [85] 1999-12-13 [86] 1998-07-10 (PCT/US98/14358) [87] 1999-01-28 (WO99/04128) [30] US (08/893,059) 1997-07-15 [30] US (09/108,181) 1998-07-01</p>	<p>[21] <b>2,293,278</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G05B 9/03 7G06F 11/16</b> [25] EN [54] <b>SAFETY OR PROTECTION SYSTEM EMPLOYING REFLECTIVE MEMORY AND/OR DIVERSE PROCESSORS AND COMMUNICATIONS</b> [54] <b>SYSTEME DE SECURITE OU DE PROTECTION A MEMOIRE DE RENVOI ET/OU A PROCESSEURS ET COMMUNICATIONS MULTIPLES</b> [72] DOYLE, JAMES P., US [72] THOMPSON, ROBERT W., JR., US [72] LOWENFELD, SIMON, US [72] GUTMAN, JERZY, US [71] WESTINGHOUSE ELECTRIC COMPANY LLC, US [85] 1999-12-07 [86] 1998-06-09 (PCT/US98/11980) [87] 1998-12-17 (WO98/57238) [30] US (08/873,350) 1997-06-11</p>
<p>[21] <b>2,293,274</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A63F 3/00 7A63F 13/00 7A63F 9/14 7A63F 9/24</b> [25] EN [54] <b>WAGERING GAME BASED ON RANKING ORDER OF GAME PARTICIPANTS</b> [54] <b>JEU DE PARI FONDE SUR L'ORDRE D'ARRIVEE DES PARTICIPANTS</b> [72] CHERRY, ERIC, US [71] HORSE SENSE CORPORATION, US [85] 1999-12-13 [86] 1998-06-25 (PCT/US98/13282) [87] 1999-01-14 (WO99/01192) [30] US (08/886,193) 1997-07-01 [30] US (09/038,184) 1998-03-10</p>	<p>[21] <b>2,293,277</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08F 4/602 7C07F 17/00 7C08F 10/00</b> [25] EN [54] <b>METHOD FOR PRODUCING SUPPORTED METALLOCENE CATALYST AND OLEFIN POLYMERIZATION PROCESS USING THE SAME</b> [54] <b>PROCEDE DE PRODUCTION DE CATALYSEUR A METALLOCENE SUPPORTE ET PROCEDE DE POLYMERISATION D'OLEFINE DANS LEQUEL LEDIT CATALYSEUR EST UTILISE</b> [72] OH, JAE-SEUNG, KR [72] LEE, BUN-YEOUL, KR [71] LG CHEMICAL LTD., KR [85] 1999-12-07 [86] 1999-04-09 (PCT/KR99/00169) [87] 1999-10-21 (WO99/52949) [30] KR (98/12660) 1998-04-09</p>	<p>[21] <b>2,293,279</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08F 6/24</b> [25] EN [54] <b>METHOD OF RECYCLING COCATALYST FOR OLEFIN POLYMERIZATION CONDUCTED WITH METALLOCENE CATALYST</b> [54] <b>PROCEDE DE RECYCLAGE DE COCATALYSEUR DE POLYMERISATION D'OLEFINES EXECUTEE AVEC UN CATALYSEUR A ALLIAGE ORGANOMETALLIQUE</b> [72] OH, JAE-SEUNG, KR [72] LEE, BUN-YEOUL, KR [71] LG CHEMICAL LTD., KR [85] 1999-12-07 [86] 1999-04-09 (PCT/KR99/00170) [87] 1999-10-21 (WO99/52952) [30] KR (1998/12659) 1998-04-09</p>
<p>[21] <b>2,293,275</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 41/04 7B65D 1/02</b> [25] EN [54] <b>MULTIPLE-THREAD SCREW THREAD CONFIGURATION</b> [54] <b>CONFIGURATION DE FILETAGE DE VIS MULTISPIRES</b> [72] HINS, JOHANNES, DE [71] GEORG MENSCHEN GMBH &amp; CO. KG, DE [85] 1999-12-07 [86] 1999-04-21 (PCT/EP99/02678) [87] 1999-11-04 (WO99/55593) [30] DE (298 07 759.0) 1998-04-29</p>		

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,293,280</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 1/457</b> [25] EN [54] <b>TONE DETECTION WITH ALIASING BANDPASS FILTERS</b> [54] <b>DETECTION DES TONALITES AVEC DES FILTRES PASSE-BANDE ANTI-REPLIEMENT DU SPECTRE</b> [72] SRINIVASAN, BALAJI, US [71] NORTEL NETWORKS CORPORATION, CA [85] 1999-12-13 [86] 1998-06-03 (PCT/CA98/00550) [87] 1998-12-17 (WO98/57502) [30] US (08/873,875) 1997-06-12</p>	<p style="text-align: right;">[21] <b>2,293,283</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65H 37/04</b> [25] EN [54] <b>A METHOD AND A DEVICE FOR AFFIXING SUPPLEMENTS TO MOVING OBJECTS</b> [54] <b>PROCEDE ET DISPOSITIF DE FIXATION DE SUPPLEMENTS SUR DES OBJETS MOBILES</b> [72] ROS, RAYMOND EDMUND, NL [71] ADD-ON INTERNATIONAL B.V., NL [85] 1999-12-07 [86] 1998-05-14 (PCT/NL98/00272) [87] 1998-12-17 (WO98/56705) [30] WO (PCT/NL97/00335) 1997-06-12 [30] NL (1006467) 1997-07-04</p>	<p style="text-align: right;">[21] <b>2,293,286</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/22</b> [25] EN [54] <b>DATA PACKET RADIO SERVICE WITH ENHANCED MOBILITY MANAGEMENT</b> [54] <b>SERVICE RADIO DE PAQUETS DE DONNEES AVEC GESTION DE MOBILITE AMELIOREE</b> [72] JOSSE, THIERRY, SE [72] CABERO COMBARROS, JOSE JAVIER, ES [72] COBO ESTEBAN, MIGUEL, ES [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-12-13 [86] 1998-06-09 (PCT/SE98/01108) [87] 1998-12-30 (WO98/59505) [30] US (60/050,306) 1997-06-20 [30] US (60/052,232) 1997-07-11 [30] US (09/090,186) 1998-06-04</p>
<p style="text-align: right;">[21] <b>2,293,281</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A45D 40/12</b> [25] EN [54] <b>TAB-STYLE LOCKING MASS LIPSTICK CUP</b> [54] <b>COUPELLE A ROUGE A LEVRES A MASSE DE BLOCAGE DU TYPE LANGUETTE</b> [72] BOUIX, HERVÉ FRANÇOIS, US [71] E-L MANAGEMENT CORPORATION, US [85] 1999-12-14 [86] 1998-06-17 (PCT/US98/12612) [87] 1998-12-23 (WO98/57566) [30] US (08/879,695) 1997-06-19</p>	<p style="text-align: right;">[21] <b>2,293,284</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 27/327 7C12Q 1/00 7G01N 33/543</b> [25] EN [54] <b>BIOSENSOR COMPRISING A LIPID MEMBRANE CONTAINING GATED ION CHANNELS</b> [54] <b>BIOCAPTEUR COMPRENANT UNE MEMBRANE LIPIDIQUE DOTEE DE CANAUX IONIQUES DECLENCHEES</b> [72] PETERSON, IAN ROBERT, GB [71] COVENTRY UNIVERSITY, GB [85] 1999-12-07 [86] 1998-06-15 (PCT/GB98/01738) [87] 1998-12-23 (WO98/58248) [30] GB (9712386) 1997-06-14</p>	<p style="text-align: right;">[21] <b>2,293,287</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F25J 3/06 7B01D 5/00 7B01D 8/00 7F25J 3/00 7F28D 7/10</b> [25] EN [54] <b>METHODS AND APPARATUS TO GENERATE LIQUID AMBULATORY OXYGEN FROM AN OXYGEN CONCENTRATOR</b> [54] <b>PROCEDES ET APPAREIL DE PRODUCTION D'OXYGENE AMBULATOIRE LIQUIDE A PARTIR D'UN CONCENTRATEUR D'OXYGENE</b> [72] HONKONEN, SCOTT C., US [72] HILL, CHARLES C., US [72] HILL, THEODORE B., US [72] WALKER, GRAHAM, CA [71] SEQUAL TECHNOLOGIES, INC., US [85] 1999-12-14 [86] 1998-06-03 (PCT/US98/11154) [87] 1998-12-23 (WO98/58219) [30] US (08/876,970) 1997-06-16</p>
<p style="text-align: right;">[21] <b>2,293,282</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 6/00 7C08K 5/01 7C08L 35/08 7C08F 8/42</b> [25] EN [54] <b>DENTURE ADHESIVE COMPRISING A POLYMERIC ACTIVATOR AND METHODS OF PREPARING THE SAME</b> [54] <b>ADHESIF POUR PROTHESE DENTAIRE COMPRENANT UN ACTIVEUR POLYMERE ET SES PROCEDES DE PREPARATION</b> [72] SMETANA, ALFRED J., US [72] SYNODIS, JOSEPH, US [72] GASMAN, ROBERT C., US [72] CLARKE, HAL C., US [72] WONG, EDDIE, US [71] BLOCK DRUG COMPANY, INC., US [85] 1999-12-13 [86] 1998-06-05 (PCT/US98/11725) [87] 1998-12-30 (WO98/58619) [30] US (08/880,592) 1997-06-23</p>	<p style="text-align: right;">[21] <b>2,293,285</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01Q 1/24</b> [25] EN [54] <b>ANTENNA DEVICE FOR MOBILE RADIO COMMUNICATION</b> [54] <b>ANTENNE POUR COMMUNICATION RADIO-MOBILE</b> [72] EGAWA, KIYOSHI, JP [72] YANAGIBASHI, HIDEHIRO, JP [72] KOYANAGI, YOSHIO, JP [72] YAMAZAKI, MASAZUMI, JP [71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP [85] 1999-12-14 [86] 1999-04-26 (PCT/JP99/02191) [87] 1999-11-04 (WO99/56343) [30] JP (10-119557) 1998-04-28</p>	



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<p style="text-align: right;">[21] <b>2,293,288</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 31/04 7C07C 29/151 7C01B 3/24</b> [25] EN [54] <b>PROCESS FOR THE PREPARATION OF METHANOL AND HYDROGEN</b> [54] <b>PROCEDE DE PREPARATION DE METHANOL ET D'HYDROGENE</b> [72] ABBOTT, PETER EDWARD JAMES, GB [71] IMPERIAL CHEMICAL INDUSTRIES PLC., GB [85] 1999-12-14 [86] 1998-06-24 (PCT/GB98/01857) [87] 1999-01-28 (WO99/03807) [30] GB (9714744.1) 1997-07-15</p>	<p style="text-align: right;">[21] <b>2,293,291</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38</b> [25] EN [54] <b>PROCESSING OF EMERGENCY CALLS IN WIRELESS COMMUNICATIONS SYSTEM WITH FRAUD PROTECTION</b> [54] <b>TRAITEMENT DES APPELS D'URGENCE DANS UN SYSTEME DE COMMUNICATIONS SANS FIL A PROTECTION CONTRE LES FRAUDES</b> [72] WU, WOODY, US [71] ERICSSON INC., US [85] 1999-12-13 [86] 1998-06-16 (PCT/US98/12679) [87] 1998-12-30 (WO98/59518) [30] US (08/880,273) 1997-06-23</p>	<p style="text-align: right;">[21] <b>2,293,294</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E21B 19/07</b> [25] EN [54] <b>SAFETY SWITCHING SYSTEM FOR CLAMPING DEVICES FOR PIPES</b> [54] <b>SYSTEME A COMMUTATION DE SECURITE POUR APPAREILS DE FIXATION DE TUBES</b> [72] JÄNSCH, MANFRED, DE [71] WEATHERFORD/LAMB, INC., US [85] 1999-12-13 [86] 1998-06-20 (PCT/EP98/03779) [87] 1999-01-07 (WO99/00577) [30] EP (97110337.9) 1997-06-25</p>
<p style="text-align: right;">[21] <b>2,293,289</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04M 17/02</b> [25] EN [54] <b>LARGE CAPACITY COIN RECEPACLE FOR PAY TELEPHONES</b> [54] <b>RECEPTACLE DE PIECES DE MONNAIE A GRANDE CAPACITE POUR TELEPHONE PAYANT</b> [72] MCGOUGH, GERALD B., US [71] QUADRUM TELECOMMUNICATIONS, INC., US [85] 1999-12-14 [86] 1999-04-28 (PCT/US99/09245) [87] 1999-11-04 (WO99/56453) [30] US (60/083,307) 1998-04-28</p>	<p style="text-align: right;">[21] <b>2,293,292</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08L 101/00 7B29C 47/10</b> [25] EN [54] <b>PLASTIC COMPOSITION</b> [54] <b>COMPOSITION DE PLASTIQUE</b> [72] KEATING, PAUL JOSEPH, US [72] YANG, SHIJUN, US [71] ELF ATOCHEM S.A., FR [85] 1999-12-14 [86] 1998-06-15 (PCT/EP98/03583) [87] 1998-12-30 (WO98/59006) [30] US (60/050,213) 1997-06-19</p>	<p style="text-align: right;">[21] <b>2,293,295</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 7/00 7A61K 7/02 7A61K 7/48</b> [25] EN [54] <b>DUAL PHASE COSMETIC COMPOSITION</b> [54] <b>COMPOSITION COSMETIQUE A DEUX PHASES</b> [72] VITALE, RALPH, US [72] CIRIELLO, ELENA M., US [72] PECK, DERRON T., US [72] NAJDEK, LINDA, US [71] E-L MANAGEMENT CORPORATION, US [85] 1999-12-14 [86] 1999-03-18 (PCT/US99/05969) [87] 1999-11-11 (WO99/56704) [30] US (09/074,051) 1998-05-07</p>
<p style="text-align: right;">[21] <b>2,293,290</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C09D 7/12 7C09C 1/30</b> [25] EN [54] <b>MATting PASTE FOR CATIONIC SYSTEMS</b> [54] <b>PATE DE MATAGE POUR SYSTEMES CATIONIQUES</b> [72] MOREA-SWIFT, GEMMA, GB [71] CROSFIELD LIMITED, GB [85] 1999-12-14 [86] 1998-06-01 (PCT/GB98/01588) [87] 1998-12-23 (WO98/58030) [30] GB (9712591.8) 1997-06-16</p>	<p style="text-align: right;">[21] <b>2,293,293</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07K 14/205 7A61K 39/106 7G01N 33/569</b> [25] EN [54] <b>VACCINE COMPOSITIONS COMPRISING THE HELICOBACTER PYLORI FLGE POLYPEPTIDE</b> [54] <b>COMPOSITIONS DE VACCINS CONTENANT LE POLYPEPTIDE FLGE DE LA BACTERIE HELICOBACTER PYLORI</b> [72] MELLGARD, BJORN, SE [72] BERGLINDH, THOMAS, SE [71] ASTRA AKTIEBOLAG, SE [85] 1999-12-10 [86] 1998-06-08 (PCT/SE98/01093) [87] 1998-12-17 (WO98/56816) [30] SE (9702242-0) 1997-06-12</p>	<p style="text-align: right;">[21] <b>2,293,296</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/12 7C07K 14/00 7C12N 5/10 7C12N 15/79</b> [25] EN [54] <b>HUMAN PROTEINS HAVING TRANSMEMBRANE DOMAINS AND DNAs ENCODING THESE PROTEINS</b> [54] <b>PROTEINES HUMAINES AYANT DES DOMAINES TRANSMEMBRANAIRES ET ADN CODANT CES PROTEINES</b> [72] KATO, SEISHI, JP [72] SEKINE, SHINGO, JP [72] KIMURA, TOMOKO, JP [71] PROTEGENE INC., JP [71] SAGAMI CHEMICAL RESEARCH CENTER, JP [85] 1999-12-03 [86] 1998-06-03 (PCT/JP98/02445) [87] 1998-12-10 (WO98/55508) [30] JP (9/144948) 1997-06-03</p>

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<p style="text-align: right;">[21] <b>2,293,297</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 9/445</b> [25] EN [54] <b>CHIP CARD COMPRISING MEANS FOR MANAGING A VIRTUAL MEMORY, ASSOCIATED COMMUNICATION METHOD AND PROTOCOL</b> [54] <b>CARTE A PUCE COMPRENANT DES MOYENS POUR GERER UNE MEMOIRE VIRTUELLE, PROCEDE ET PROTOCOLE DE COMMUNICATION ASSOCIES</b> [72] NASSOR, AZAD, FR [71] BULL CP8, FR [85] 1999-12-13 [86] 1999-04-14 (PCT/FR99/00877) [87] 1999-10-21 (WO99/53401) [30] FR (98/04693) 1998-04-15</p>	<p style="text-align: right;">[21] <b>2,293,299</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 39/12 7A61K 39/245 7A61K 39/25</b> [25] EN [54] <b>COMPACT EPSTEIN-BARR VIRUS REPLICONS</b> [54] <b>REPLICONS COMPACTS DU VIRUS D'EPSTEIN-BARR</b> [72] SEED, BRIAN, US [71] THE GENERAL HOSPITAL CORPORATION, US [85] 1999-12-13 [86] 1998-04-14 (PCT/US98/07641) [87] 1998-12-23 (WO98/57658) [30] US (60/050,206) 1997-06-19</p>	<p style="text-align: right;">[21] <b>2,293,301</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 12/54 7H04N 1/32 7H04L 12/66</b> [25] EN [54] <b>ELECTRONIC MAIL DISTRIBUTION SYSTEM FOR INTEGRATED ELECTRONIC COMMUNICATIONS</b> [54] <b>SYSTEME DE DISTRIBUTION DE COURRIER ELECTRONIQUE POUR COMMUNICATIONS ELECTRONIQUES INTEGREES</b> [72] WRIGHT, RANDALL S., US [72] PAYNTER, JAMES W., US [72] BARD, ROBIN R., US [72] FINNEY, MICHAEL S., US [72] SNIDER, MICHAEL L., US [72] OWENS, STEPHEN J.H., US [71] CRANBERRY PROPERTIES, LLC, US [85] 1999-12-13 [86] 1998-06-17 (PCT/US98/12531) [87] 1998-12-23 (WO98/58491) [30] US (08/877,614) 1997-06-17</p>
<p style="text-align: right;">[21] <b>2,293,298</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B04B 11/04 7B01D 21/26</b> [25] EN [54] <b>SYSTEMS AND METHODS FOR HARVESTING MONONUCLEAR CELLS BY RECIRCULATION OF PACKED RED BLOOD CELLS</b> [54] <b>SYSTEME ET PROCEDE SERVANT A RECUEILLIR DES CELLULES MONONUCLEAIRES PAR RECIRCULATION DE GLOBULES ROUGES CONCENTRES</b> [72] CORK, WILLIAM H., US [72] BROWN, RICHARD I., US [72] BISCHOF, DANIEL D., US [72] MIN, KYUNGYOON, US [72] CANTU, ROBERT J., US [71] BAXTER INTERNATIONAL INC., US [85] 1999-12-14 [86] 1998-06-22 (PCT/US98/12172) [87] 1999-01-14 (WO99/01225) [30] US (08/886,780) 1997-07-01</p>	<p style="text-align: right;">[21] <b>2,293,300</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21F 7/00 7D21F 1/00 7D21F 11/00</b> [25] EN [54] <b>METHOD AND DEVICE FOR HEATING A BAND OF FIBROUS MATERIAL</b> [54] <b>PROCEDE ET DISPOSITIF POUR CHAUFFER UNE BANDE DE MATIERE FIBREUSE</b> [72] GISSING, KLAUS, AT [72] BROGYANYI, EDGAR, AT [71] ANDRITZ-PATENTVERWALTUNGS-GESELLSCHAFT MBH, AT [85] 1999-12-14 [86] 1999-04-28 (PCT/EP99/02883) [87] 1999-11-04 (WO99/55958) [30] AT (A 716/98) 1998-04-29</p>	<p style="text-align: right;">[21] <b>2,293,302</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 38/48 7A61K 39/395 7C12N 9/48 7C12N 9/68 7C12N 9/99</b> [25] EN [54] <b>USE OF FACTOR XIIIa INHIBITORS TO TREAT ATHEROSCLEROSIS</b> [54] <b>UTILISATION D'INHIBITEURS DU FACTEUR XIIIa POUR LE TRAITEMENT DE L'ATHEROSCLEROSE</b> [72] OHLSTEIN, ELIOT HOWARD, US [72] ARNOLD, ANNE ROMANIC, US [71] SMITHKLINE BEECHAM CORPORATION, US [85] 1999-12-09 [86] 1998-06-11 (PCT/US98/11627) [87] 1998-12-17 (WO98/56409) [30] US (60/049,330) 1997-06-11</p>

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<p style="text-align: right;">[21] <b>2,293,303</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/44</b> [25] EN [54] <b>TAZAROTENE AND UVB PHOTOTHERAPY TREATMENT FOR PSORIASIS</b> [54] <b>TRAITEMENT DU PSORIASIS A BASE DE TAZAROTENE ET DE PHOTOTHERAPIE AUX RAYONS UVB</b> [72] LEW-KAYA, DEBORAH A., US [72] SEFTON, JOHN, US [71] ALLERGAN SALES, INC., US [85] 1999-12-09 [86] 1998-06-10 (PCT/US98/11989) [87] 1998-12-17 (WO98/56375) [30] US (60/049,385) 1997-06-11</p>	<p style="text-align: right;">[21] <b>2,293,306</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01N 43/02 7A61K 31/335</b> [25] EN [54] <b>SYNERGISTIC METHOD FOR TREATING A NEOPLASM</b> [54] <b>METHODE SYNERGIQUE DE TRAITEMENT DU NEOPLASME</b> [72] WILLIAMS, DANIEL CHARLES, US [72] SHIH, CHUAN, US [71] ELI LILLY AND COMPANY, US [85] 1999-12-09 [86] 1998-04-07 (PCT/US98/07021) [87] 1998-10-22 (WO98/46193) [30] US (60/043,581) 1997-04-11</p>	<p style="text-align: right;">[21] <b>2,293,309</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/33 7A61K 31/335</b> [25] EN [54] <b>METHOD FOR TREATING FUNGAL INFECTIONS</b> [54] <b>METHODE DE TRAITEMENT DE MYCOSES</b> [72] WILLIAMS, DANIEL CHARLES, US [72] SHIH, CHUAN, US [71] ELI LILLY AND COMPANY, US [85] 1999-12-09 [86] 1998-04-07 (PCT/US98/07269) [87] 1998-10-22 (WO98/46221) [30] US (60/043,572) 1997-04-11</p>
<p style="text-align: right;">[21] <b>2,293,304</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C11D 3/00</b> [25] EN [54] <b>BLEACHING ENZYMES</b> [54] <b>ENZYMES DE BLANCHIMENT</b> [72] BERRY, MARK JOHN, GB [72] BEGGS, THOMAS STEWART, GB [72] DAVIS, PAUL JAMES, GB [72] FRENKEN, LEON GERARDUS JOSEPH, NL [72] VERRIPS, CORNELIS THEODORUS, NL [71] UNILEVER PLC, GB [85] 1999-12-07 [86] 1998-05-29 (PCT/EP98/03438) [87] 1998-12-17 (WO98/56885) [30] EP (97304145.2) 1997-06-13</p>	<p style="text-align: right;">[21] <b>2,293,307</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/15</b> [25] EN [54] <b>DISPOSABLE ABSORBENT ARTICLES WITH BREATHABLE FABRIC FEEL BACKSHEET</b> [54] <b>ARTICLES ABSORBANTS JETABLES MUNIS D'UNE FEUILLE DE PROTECTION EXTERIEURE RESPIRABLE SEMBLABLE A UN TEXTILE AU TOUCHER</b> [72] PLISCHKE, MANFRED, DE [72] ROBERTSON, MUIR CHARLES, US [72] HERRLEIN, MATHIAS KURT, DE [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-12-14 [86] 1998-06-22 (PCT/IB98/00955) [87] 1998-12-30 (WO98/58608) [30] EP (97110331.2) 1997-06-25</p>	<p style="text-align: right;">[21] <b>2,293,310</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01N 31/06 7A01N 47/10 7A01N 43/78</b> [25] EN [54] <b>METHOD OF CONTROLLING SPROUT FORMATION IN POTATOES BY SELECTIVE APPLICATION OF CHLORPROPHAM, CARVONE, BENZOTHIAZOLE AND ETHYLENE</b> [54] <b>PROCEDE DE REGULATION DE LA GERMINATION DES POMMES DE TERRE PAR APPLICATION SELECTIVE DE CHLORPROPHAME, DE CARVONE, DE BENZOTHIAZOLE ET D'ETHYLENE</b> [72] SCHAFFER, RONALD K., US [72] RIGGLE, BRUCE D., US [71] PLATTE CHEMICAL COMPANY, US [85] 1999-12-09 [86] 1998-05-20 (PCT/US98/10340) [87] 1998-11-26 (WO98/52414) [30] US (08/859,866) 1997-05-21</p>
<p style="text-align: right;">[21] <b>2,293,305</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04B 1/707</b> [25] EN [54] <b>MOBILE STATION SYNCHRONIZATION WITHIN A SPREAD SPECTRUM COMMUNICATIONS SYSTEM</b> [54] <b>SYNCHRONISATION D'UNE STATION MOBILE DANS UN SYSTEME DE COMMUNICATIONS A SPECTRE DISPERSE</b> [72] ESMAILZADEH, RIAZ, JP [72] GUSTAFSSON, MARIA, SE [72] DAHLMAN, ERIK, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-12-14 [86] 1998-06-12 (PCT/SE98/01138) [87] 1999-01-07 (WO99/00912) [30] US (08/884,002) 1997-06-27</p>	<p style="text-align: right;">[21] <b>2,293,308</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 5/055 7H01F 7/02 7G01R 33/383</b> [25] EN [54] <b>MAGNETIC FIELD GENERATING DEVICE FOR MRI</b> [54] <b>GENERATEUR DE CHAMP MAGNETIQUE POUR IRM</b> [72] AOKI, MASAOKI, JP [72] HASHIMOTO, SHIGEO, JP [71] SUMITOMO SPECIAL METALS CO., LTD., JP [85] 1999-12-14 [86] 1999-04-13 (PCT/JP99/01944) [87] 1999-10-21 (WO99/52427) [30] JP (10/121781) 1998-04-14</p>	<p style="text-align: right;">[21] <b>2,293,311</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 273/08 7A61K 31/395</b> [25] EN [54] <b>SYNERGISTIC METHOD FOR TREATING CANCER</b> [54] <b>METHODE SYNERGIQUE DE TRAITEMENT DU CANCER</b> [72] SHIH, CHUAN, US [72] WILLIAMS, DANIEL CHARLES, US [71] ELI LILLY AND COMPANY, US [85] 1999-12-09 [86] 1998-04-07 (PCT/US98/07022) [87] 1998-10-22 (WO98/46581) [30] US (60/043,573) 1997-04-11</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,293,312</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21H 11/00 7D21H 13/00 7D21H 15/00 7D21H 17/00 7D21H 19/00 7D21H 21/00 7D21H 23/00 7D21H 25/00 7D21H 27/00 7C08L 27/00 7C08L 39/00 7C08L 53/00 7C08L 31/04 7C08L 61/04</b></p> <p>[25] EN [54] <b>METHODS AND COMPOSITIONS FOR TREATING STICKIES</b> [54] <b>PROCEDE ET COMPOSITIONS DE TRAITEMENT DES ADHESIFS</b> [72] SCHOLZ, WILLIAM F., US [72] LING, TIEN-FENG, US [71] BETZDEARBORN INC., US [85] 1999-12-06 [86] 1998-03-18 (PCT/US98/05261) [87] 1998-12-10 (WO98/55692) [30] US (08/870,780) 1997-06-06</p>	<p style="text-align: center;">[21] <b>2,293,315</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 17/34</b></p> <p>[25] EN [54] <b>METHOD, APPARATUS AND KIT FOR PERFORMING HAIR GRAFTS</b> [54] <b>PROCEDE, APPAREIL ET KIT PERMETTANT DE REALISER DES GREFFES DE CHEVEUX</b> [72] MARKMAN, BARRY S., US [71] MARKMAN, BARRY S., US [85] 1999-12-13 [86] 1998-06-11 (PCT/US98/12195) [87] 1998-12-23 (WO98/57587) [30] US (08/873,852) 1997-06-14</p>	<p style="text-align: center;">[21] <b>2,293,318</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21C 9/00 7D21H 11/20</b></p> <p>[25] EN [54] <b>MODIFIED CELLULOSIC FIBERS AND FIBROUS WEBS CONTAINING THESE FIBERS</b> [54] <b>FIBRES CELLULOSIQUES MODIFIEES ET NAPPES FIBREUSES CONTENANT CES FIBRES</b> [72] MACKAY, LARRY NEIL, US [72] TROKHAN, PAUL DENNIS, US [72] SEGER, GEOFFREY EUGENE, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-12-09 [86] 1998-06-09 (PCT/US98/11943) [87] 1998-12-17 (WO98/56981) [30] US (60/049,457) 1997-06-12 [30] US (09/087,037) 1998-05-29</p>
<p style="text-align: center;">[21] <b>2,293,313</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C03C 17/00 7C03C 19/00 7C03C 17/23</b></p> <p>[25] EN [54] <b>POLISHING GLASS</b> [54] <b>PROCEDE DE POLISSAGE DE VERRE</b> [72] CAMPBELL, BRIAN REGINALD, GB [72] MAKIN, STEVEN PETER, GB [71] PILKINGTON UNITED KINGDOM LIMITED, GB [85] 1999-12-06 [86] 1998-06-10 (PCT/GB98/01696) [87] 1998-12-17 (WO98/56725) [30] GB (9712195.8) 1997-06-11 [30] GB (9811596.7) 1998-05-30</p>	<p style="text-align: center;">[21] <b>2,293,316</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61N 1/39 7A61N 1/365</b></p> <p>[25] EN [54] <b>DEFIBRILLATOR WITH IMPROVED HEMODYNAMIC RESPONSE AND ENHANCED MYOCARDIAL STABILITY</b> [54] <b>DEFIBRILLATEUR A REPOSE HEMODYNAMIQUE AMELIOREE ET STABILITE MYOCARDIQUE ACCRUE</b> [72] ALT, ECKHARD, DE [72] STOTTS, LAWRENCE J., US [71] INTERMEDICS INC., US [85] 1999-12-09 [86] 1998-06-09 (PCT/US98/11840) [87] 1998-12-17 (WO98/56460) [30] US (08/874,032) 1997-06-12</p>	<p style="text-align: center;">[21] <b>2,293,319</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C01B 21/14</b></p> <p>[25] EN [54] <b>METHOD FOR PRODUCING HIGHLY PURE AQUEOUS HYDROXYLAMINE SOLUTIONS</b> [54] <b>PROCEDE DE PRODUCTION DE SOLUTIONS AQUEUSES D'HYDROXYLAMINE DE GRANDE PURETE</b> [72] SCHELLING, HEINER, DE [72] WATZENBERGER, OTTO, DE [72] PFAB, PETER, DE [72] STROFER, ECKHARD, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 1999-12-13 [86] 1998-06-18 (PCT/EP98/03714) [87] 1998-12-23 (WO98/57886) [30] DE (19725851.4) 1997-06-18</p>
<p style="text-align: center;">[21] <b>2,293,314</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47G 23/06</b></p> <p>[25] EN [54] <b>TRAY</b> [54] <b>PLATEAU</b> [72] CORNELISSEN, ARTHUR, BE [71] DE STER N.V., BE [85] 1999-12-09 [86] 1998-06-04 (PCT/EP98/03323) [87] 1998-12-17 (WO98/56282) [30] DE (197 24 302.9) 1997-06-09</p>	<p style="text-align: center;">[21] <b>2,293,317</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07B 59/00 7C07D 453/00 7C07D 451/02 7C07D 487/04 7C07D 207/09 7C07D 211/58</b></p> <p>[25] EN [54] <b>PROCESS FOR THE PRODUCTION OF RADIOIODINATED NEURORECEPTOR AGENTS</b> [54] <b>PROCEDE DE PRODUCTION D'AGENTS NEURORECEPTEURS MARQUES A L'IODE RADIOACTIVE</b> [72] NIKULA, TUOMO, FI [72] HILTUNEN, JUKKA, FI [71] MAP MEDICAL TECHNOLOGIES OY, FI [85] 1999-12-13 [86] 1998-06-15 (PCT/FI98/00514) [87] 1998-12-23 (WO98/57909) [30] FI (972550) 1997-06-16</p>	<p style="text-align: center;">[21] <b>2,293,320</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61N 1/30 7B32B 9/00</b></p> <p>[25] EN [54] <b>FLEXIBLE THIN LAYER OPEN ELECTROCHEMICAL CELL AND APPLICATIONS OF SAME</b> [54] <b>PILE ELECTROCHIMIQUE OUVERTE A COUCHES MINCES SOUPLES ET SES APPLICATIONS</b> [72] NITZAN, ZVI, IL [71] POWER PAPER LTD., IL [85] 1999-12-09 [86] 1998-06-09 (PCT/US98/11806) [87] 1998-12-17 (WO98/56458) [30] US (08/873,868) 1997-06-12</p>

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[21] **2,293,321**  
[13] A1

[51] **Int.Cl. 7G07F 19/00**  
[25] EN  
[54] **THIRD PARTY DEBIT CARD**  
[54] **CARTE DE DEBIT POUR TIERS**  
[72] PICCIALLO, MICHAEL J., US  
[71] PICCIALLO, MICHAEL J., US  
[85] 1999-12-13  
[86] 1998-06-12 (PCT/US98/12361)  
[87] 1998-12-23 (WO98/58345)  
[30] US (876,929) 1997-06-16

[21] **2,293,322**  
[13] A1

[51] **Int.Cl. 7E04B 2/60 7E04C 3/07 7E04C 3/32 7E04B 2/62**

[25] EN  
[54] **A FRAMING SYSTEM FOR BUILDINGS**  
[54] **SYSTEME DE CADRE POUR BATIMENTS**  
[72] SAWADA, TAIICHI, AU  
[71] CDS NU-STEEL PTY. LTD., AU  
[85] 1999-12-02  
[86] 1998-05-18 (PCT/AU98/00365)  
[87] 1998-12-17 (WO98/57001)  
[30] JP (9/169514) 1997-06-11  
[30] AU (PO 8697) 1997-08-19

[21] **2,293,323**  
[13] A1

[51] **Int.Cl. 7H04B 7/26**  
[25] EN  
[54] **DECT SYSTEM SYNCHRONIZATION BY BASE STATION DRIFT**  
[54] **SYNCHRONISATION DE SYSTEMES DECT PAR DERIVE DES STATIONS DE BASE**  
[72] EUSCHER, CHRISTOPH, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 1999-12-09  
[86] 1998-06-05 (PCT/DE98/01550)  
[87] 1998-12-17 (WO98/57448)  
[30] DE (197 24 674.5) 1997-06-11

[21] **2,293,324**  
[13] A1

[51] **Int.Cl. 7C07D 401/04 7A61K 31/44**  
[25] EN  
[54] **5-(2-ETHYL-2H-TETRAZOL-5-YL)-1-METHYL-1,2,3,6-TETRAHYDROPYRIDINE MALEATE**  
[54] **MALEATE DE 5-(2-ETHYL-2H-TETRAZOLE-5-YL)-1-METHYLE-1,2,3,6-TETRAHYDROPYRIDINE**  
[72] BECH SOMMER, MICHAEL, DK  
[72] NIELSEN, OLE, DK  
[71] H. LUNDBECK A/S, DK  
[85] 1999-12-13  
[86] 1998-07-01 (PCT/DK98/00294)  
[87] 1999-01-14 (WO99/01448)  
[30] DK (0781/97) 1997-07-01

[21] **2,293,325**  
[13] A1

[51] **Int.Cl. 7A61K 31/215**  
[25] EN  
[54] **8-ISO-PROSTAGLANDINS FOR GLAUCOMA THERAPY**  
[54] **TRAITEMENT DU GLAUCOME A BASE DE 8-ISO-PROSTAGLANDINES**  
[72] BECKER, BERNARD, US  
[72] MITTAG, THOMAS W., US  
[72] PODOS, STEVEN M., US  
[71] THE MOUNT SINAI SCHOOL OF MEDICINE OF THE CITY UNIVERSITY OF NEW YORK, US  
[85] 1999-12-07  
[86] 1998-05-06 (PCT/US98/09090)  
[87] 1998-11-12 (WO98/50024)  
[30] US (08/853,803) 1997-05-09

[21] **2,293,326**  
[13] A1

[51] **Int.Cl. 7B60P 7/00**  
[25] EN  
[54] **REMOVABLE STORAGE APPARATUS**  
[54] **AMOVIBLE APPARATUSIF DE RETENUE**  
[72] MOORE, DONAL, US  
[71] POLYTECH NETTING, L.P., US  
[85] 1999-12-09  
[86] 1997-06-19 (PCT/US97/10671)  
[87] 1998-12-23 (WO98/57822)

[21] **2,293,327**  
[13] A1

[51] **Int.Cl. 7A61K 31/00**  
[25] EN  
[54] **METHOD FOR THE TREATMENT OF CANCER WITH EXOCHELINS OF MYCOBACTERIUM TUBERCULOSIS**  
[54] **PROCEDE POUR LE TRAITEMENT DU CANCER A L'AIDE D'EXOCHELINES DU BACILLE DE KOCH**  
[72] HORWITZ, LAWRENCE D., US  
[72] HORWITZ, KATHRYN B., US  
[71] KEYSTONE BIOMEDICAL INC., US  
[85] 1999-12-13  
[86] 1998-06-15 (PCT/US98/12109)  
[87] 1998-12-30 (WO98/58635)  
[30] US (08/882,122) 1997-06-25

[21] **2,293,328**  
[13] A1

[51] **Int.Cl. 7B63B 21/50**  
[25] EN  
[54] **DOUBLE POINT MOORING SYSTEM**  
[54] **SYSTEME D'AMARRAGE FUNICULAIRE**  
[72] SALYER, BRENT A., US  
[72] KRAFT, MARTIN J., US  
[72] ETHERIDGE, CHARLES O., US  
[71] FMC CORPORATION, US  
[85] 1999-12-06  
[86] 1998-06-24 (PCT/US98/12961)  
[87] 1999-01-21 (WO99/02394)  
[30] US (60/051,959) 1997-07-08

[21] **2,293,329**  
[13] A1

[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **ABSORBENT ARTICLE WITH ADJUSTABLE WAIST FEATURE**  
[54] **ARTICLE ABSORBANT CARACTERISE PAR UNE CEINTURE REGLABLE**  
[72] FISHER, CONSTANCE LEE, US  
[72] BERGMAN, CARL LOUIS, US  
[72] DREIER, KIMBERLY ANN, US  
[72] ROE, DONALD CARROLL, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-12-09  
[86] 1998-06-09 (PCT/US98/11945)  
[87] 1998-12-17 (WO98/56328)  
[30] US (60/049,511) 1997-06-13  
[30] US (09/042,421) 1998-03-13

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[21] **2,293,330**  
[13] A1

[51] **Int.Cl. 7A61K 7/48**  
[25] EN  
[54] **COSMETIC COMPOSITIONS**  
[54] **COMPOSITIONS COSMETIQUES**  
[72] SANG, CHUNE, GB  
[72] DECKNER, GEORGE ENDEL, US  
[71] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1999-12-07  
[86] 1998-06-12 (PCT/US98/12509)  
[87] 1998-12-17 (WO98/56345)  
[30] GB (9712271.7) 1997-06-12

[21] **2,293,331**  
[13] A1

[51] **Int.Cl. 7C08L 51/06 7C08K 3/00**  
**7C08K 3/26 7C08K 3/32**  
[25] EN  
[54] **FLAME RETARDANT**  
**POLYOLEFIN COMPOSITIONS**  
[54] **COMPOSITIONS DE**  
**POLYOLEFINES ININFLAMMABLES**  
[72] GARCIA-DURAN, JUAN-ANTONIO,  
CH  
[72] ROLLAND, LOIC PIERRE, FR  
[71] E.I. DU PONT DE NEMOURS AND  
COMPANY, US  
[85] 1999-12-09  
[86] 1998-07-23 (PCT/US98/15229)  
[87] 1999-02-04 (WO99/05214)  
[30] EP (97 20 2335.2) 1997-07-25

[21] **2,293,332**  
[13] A1

[51] **Int.Cl. 7B26B 21/52**  
[25] EN  
[54] **FOLDING RAZOR**  
[54] **RASOIR PLIANT**  
[72] POLITES, ALEXANDRA, US  
[71] VIOLEX BIC S.A., GR  
[85] 1999-12-06  
[86] 1998-05-11 (PCT/IB98/00965)  
[87] 1998-12-17 (WO98/56545)  
[30] US (08/871,070) 1997-06-09

[21] **2,293,333**  
[13] A1

[51] **Int.Cl. 7A01N 47/24 7A01N 43/08**  
**7A01N 37/50**  
[25] EN  
[54] **FUNGICIDE MIXTURES**  
[54] **MELANGES FONGICIDES**  
[72] SCHELBERGER, KLAUS, AT  
[72] MULLER, BERND, DE  
[72] SAUTER, HUBERT, DE  
[72] LEYENDECKER, JOACHIM, DE  
[72] BIRNER, ERICH, DE  
[72] SCHERER, MARIA, DE  
[72] AMMERMANN, EBERHARD, DE  
[72] STRATHMANN, SIEGFRIED, DE  
[72] LORENZ, GISELA, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 1999-12-13  
[86] 1998-06-05 (PCT/EP98/03367)  
[87] 1998-12-30 (WO98/58544)  
[30] DE (19725947.2) 1997-06-19

[21] **2,293,334**  
[13] A1

[51] **Int.Cl. 7H04B 7/005 7H03G 3/20**  
[25] EN  
[54] **AN ARRANGEMENT AND A**  
**METHOD RELATING TO A RADIO**  
**UNIT**  
[54] **SYSTEME ET PROCEDE**  
**CONCERNANT UNE UNITE RADIO**  
[72] SKÅRBY, ULF BERTIL CHRISTIAN,  
SE  
[71] TELEFONAKTIEBOLAGET LM  
ERICSSON, SE  
[85] 1999-12-07  
[86] 1998-06-02 (PCT/SE98/01042)  
[87] 1998-12-17 (WO98/57442)  
[30] SE (9702272-7) 1997-06-13

[21] **2,293,335**  
[13] A1

[51] **Int.Cl. 7C07H 17/08 7A61K 31/70**  
[25] EN  
[54] **9-OXIME ERYTHROMYCIN**  
**DERIVATIVES**  
[54] **DERIVES DE 9-OXIME**  
**ERYTHROMYCINE**  
[72] WU, YONG-JIN, US  
[71] PFIZER PRODUCTS INC., US  
[85] 1999-12-09  
[86] 1998-05-15 (PCT/IB98/00741)  
[87] 1998-12-17 (WO98/56800)  
[30] US (60/049349) 1997-06-11

[21] **2,293,336**  
[13] A1

[51] **Int.Cl. 7A61K 47/00**  
[25] EN  
[54] **METHODS OF USING ISOMER**  
**ENRICHED CONJUGATED LINOLEIC**  
**ACID COMPOSITIONS**  
[54] **PROCEDES D'UTILISATION DE**  
**COMPOSITIONS D'ACIDES**  
**LINOLEIQUES CONJUGUES,**  
**ENRICHIES EN ISOMERES**  
[72] SKARIE, CARL, US  
[72] JEROME, DARIA, US  
[72] SAEBO, ASGEIR, NO  
[71] CONLINCO, INC., US  
[85] 1999-12-13  
[86] 1999-03-17 (PCT/US99/05808)  
[87] 1999-11-11 (WO99/56781)  
[30] US (09/072,421) 1998-05-04  
[30] US (09/072,422) 1998-05-04

[21] **2,293,337**  
[13] A1

[51] **Int.Cl. 7H03F 1/26**  
[25] EN  
[54] **DYNAMIC PREDISTORTION**  
**COMPENSATION FOR A POWER**  
**AMPLIFIER**  
[54] **CORRECTION DE**  
**PREDISTORSION DYNAMIQUE POUR**  
**UN AMPLIFICATEUR DE PUISSANCE**  
[72] GENTZLER, CHARLES R., US  
[71] POWERWAVE TECHNOLOGIES,  
INC., US  
[85] 1999-12-07  
[86] 1999-04-07 (PCT/US99/07648)  
[87] 1999-10-14 (WO99/52205)  
[30] US (09/057,332) 1998-04-08

[21] **2,293,338**  
[13] A1

[51] **Int.Cl. 7A61K 47/00**  
[25] EN  
[54] **ISOMER ENRICHED**  
**CONJUGATED LINOLEIC ACID**  
**COMPOSITIONS**  
[54] **COMPOSITIONS D'ACIDES**  
**LINOLEIQUES CONJUGUES,**  
**ENRICHIES EN ISOMERES**  
[72] JEROME, DARIA, US  
[72] SKARIE, CARL, US  
[72] SAEBO, ASGEIR, NO  
[71] CONLINCO, INC., US  
[85] 1999-12-13  
[86] 1999-03-17 (PCT/US99/05807)  
[87] 1999-11-11 (WO99/56780)  
[30] US (09/072,421) 1998-05-04  
[30] US (09/072,422) 1998-05-04

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[21] **2,293,339**  
[13] A1  
[51] **Int.Cl. 7B01D 21/26 7B01D 29/00**  
[25] EN  
[54] **MICROBIAL SAMPLER AND CONCENTRATOR**  
[54] **ECHANTILLONNEUR ET CONCENTRATEUR MICROBIEN**  
[72] BRADLEY, BRUCE J., US  
[71] BRADLEY, BRUCE J., US  
[85] 1999-12-09  
[86] 1998-06-09 (PCT/US98/12045)  
[87] 1998-12-17 (WO98/56484)  
[30] US (08/872,268) 1997-06-10

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[21] **2,293,340**  
[13] A1  
[51] **Int.Cl. 7A47C 31/02**  
[25] EN  
[54] **SUPPORTING PART FOR A SEAT**  
[54] **PARTIE DE SOUTIEN D'UN SIEGE**  
[72] ZORN, HEINZ, AT  
[72] MACHER, DAVID, AT  
[71] MAGNA REFLEX HOLDING GMBH, DE  
[85] 1999-12-09  
[86] 1998-06-23 (PCT/DE98/01781)  
[87] 1998-12-30 (WO98/58572)  
[30] AT (GM 384/97) 1997-06-23

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[21] **2,293,341**  
[13] A1  
[51] **Int.Cl. 7A63F 1/00**  
[25] EN  
[54] **POKER WAGERING GAME**  
[54] **JEU DE POKER ASSORTI D'UN SYSTEME DE PARI**  
[72] CHERRY, ERIC, US  
[71] HORSE SENSE CORPORATION, US  
[85] 1999-12-13  
[86] 1998-06-19 (PCT/US98/12826)  
[87] 1998-12-30 (WO98/58713)  
[30] US (08/879,850) 1997-06-20

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[13] A1  
[51] **Int.Cl. 7C08F 255/02 7C08G 67/02**  
[25] EN  
[54] **POLYOLEFIN COMPOSITIONS**  
[54] **COMPOSITIONS DE POLYOLEFINES**  
[72] BOISSON, MELANIE BEATRICE, FR  
[72] ROLLAND, LOIC PIERRE, FR  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1999-12-07  
[86] 1998-06-30 (PCT/US98/13611)  
[87] 1999-01-14 (WO99/01488)  
[30] EP (EP 97 20 1992.1) 1997-07-01

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[21] **2,293,343**  
[13] A1  
[51] **Int.Cl. 7B01D 36/04**  
[25] EN  
[54] **PORTABLE WATER RECYCLER**  
[54] **DISPOSITIF PORTABLE DE RECYCLAGE D'EAU**  
[72] BAJEMA, RICK W., US  
[71] RECOT, INC., US  
[85] 1999-12-09  
[86] 1998-06-26 (PCT/US98/13257)  
[87] 1999-01-07 (WO99/00170)  
[30] US (08/884,672) 1997-06-27

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[21] **2,293,344**  
[13] A1  
[51] **Int.Cl. 7B29C 69/02 7B29C 47/34 7B29C 47/88**  
[25] EN  
[54] **METHOD OF FORMING AUTOMOTIVE TRIM STRIP FROM EXTRUDED THERMOPLASTIC MATERIALS**  
[54] **PROCEDE PERMETTANT DE FORMER UNE TRINGLE DE GARNISSAGE POUR AUTOMOBILE A PARTIR DE MATIERES THERMOPLASTIQUES EXTRUDEES**  
[72] KELBERT, UWE, CA  
[72] WAKEFIELD, EARLBY, CA  
[72] ZOHAR, AVI, CA  
[71] DECOMA INTERNATIONAL INC., CA  
[85] 1999-12-09  
[86] 1998-06-25 (PCT/CA98/00605)  
[87] 1999-01-07 (WO99/00240)  
[30] US (08/883,425) 1997-06-26

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[21] **2,293,345**  
[13] A1  
[51] **Int.Cl. 7A61B 18/08 7A61L 29/08**  
[25] EN  
[54] **SURFACE COATINGS FOR CATHETERS, DIRECT CONTACTING DIAGNOSTIC AND THERAPEUTIC DEVICES**  
[54] **ENDUITS POUR CATHETERS ET DISPOSITIFS A FINS DIAGNOSTIQUES ET THERAPEUTIQUES PAR CONTACT DIRECT**  
[72] KOBLISH, JOSEF V., US  
[72] WHAYNE, JAMES G., US  
[72] SWANSON, DAVID K., US  
[72] YANG, YI, US  
[71] EP TECHNOLOGIES, INC., US  
[85] 1999-12-14  
[86] 1998-06-12 (PCT/US98/12300)  
[87] 1998-12-30 (WO98/58681)  
[30] US (08/879,343) 1997-06-20

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[21] **2,293,346**  
[13] A1  
[51] **Int.Cl. 7A61F 6/06 7A61F 13/02 7A61K 9/20**  
[25] EN  
[54] **DEVICE AND METHOD FOR TREATMENT OF DYSMENORRHEA**  
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DE LA DYSMENORRHEE**  
[72] HARRISON, DONALD C., US  
[72] LIU, JAMES H., US  
[72] RITSCHER, WOLFGANG A., US  
[72] STERN, ROGER A., US  
[71] UMD, INC., US  
[85] 1999-12-09  
[86] 1998-06-10 (PCT/US98/10785)  
[87] 1998-12-17 (WO98/56323)  
[30] US (60/049,325) 1997-06-11  
[30] US (09/079,897) 1998-05-15

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,293,347</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A63F 13/06</b> [25] EN [54] <b>VIDEO GAME CONTROLLER SYSTEM WITH INTERCHANGEABLE INTERFACE ADAPTERS</b> [54] <b>SYSTEME D'UNITE DE COMMANDE DE JEU VIDEO COMPORTANT DES ADAPTEURS D'INTERFACE INTERCHANGEABLES</b> [72] SANDERSON, JOEL, CA [72] THANASACK, BOUNCHANH, CA [71] ACT LABS LTD., CA [85] 1999-12-07 [86] 1998-06-18 (PCT/IB98/01149) [87] 1999-01-14 (WO99/01191) [30] US (60/050,431) 1997-06-18</p>	<p style="text-align: right;">[21] <b>2,293,349</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A23G 3/30 7A23G 3/00 7A23L 1/226</b> [25] EN [54] <b>ENHANCED FLAVORING COMPOSITIONS CONTAINING N-ETHYL-P-MENTHANE-3-CARBOXAMIDE AND METHOD OF MAKING AND USING SAME</b> [54] <b>COMPOSITIONS D'AROMATISATION AMELIOREES RENFERMANT DU N-ETHYL-P-METHANE-3-CARBOXAMIDE ET LEUR PROCEDE DE FABRICATION ET D'UTILISATION</b> [72] KIEFER, JESSE JOHN, US [72] BARCELON, SHIRLEY ANN, US [72] OLAYA, HECTOR, US [72] LUO, SHIUH JOHN, US [71] WARNER-LAMBERT COMPANY, US [85] 1999-12-07 [86] 1998-08-11 (PCT/US98/16578) [87] 1999-02-18 (WO99/07235) [30] US (60/055,447) 1997-08-11</p>	<p style="text-align: right;">[21] <b>2,293,351</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01J 29/90 7C07B 41/00 7C07D 301/12 7B01J 38/12</b> [25] EN [54] <b>METHOD FOR REGENERATING A ZEOLITIC CATALYST</b> [54] <b>PROCEDE POUR LA REGENERATION D'UN CATALYSEUR ZEOLITIQUE</b> [72] RIEBER, NORBERT, DE [72] WALCH, ANDREAS, DE [72] MULLER, ULRICH, DE [72] GROSCH, GEORG HEINRICH, DE [72] HARDER, WOLFGANG, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 1999-12-06 [86] 1998-06-05 (PCT/EP98/03396) [87] 1998-12-10 (WO98/55228) [30] DE (197 23 949.8) 1997-06-06</p>
<p style="text-align: right;">[21] <b>2,293,348</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 17/60</b> [25] EN [54] <b>CUSTOMER INFORMATION TERMINAL SYSTEM WITH A DOCKING MEMBER FOR A DATA COLLECTION DEVICE</b> [54] <b>SYSTEME DE TERMINAL D'INFORMATIONS POUR CLIENTS COMPORTANT UN ELEMENT D'ACCROCHAGE POUR UN DISPOSITIF DE COLLECTE DE DONNEES</b> [72] BECKER, ROBERT J., US [72] VANHORN, DAVID B., US [72] CANDA, GREGORY R., US [72] RAMSEY, ROGER H., US [71] TELXON CORPORATION, US [85] 1999-12-06 [86] 1998-06-03 (PCT/US98/11366) [87] 1998-12-10 (WO98/55954) [30] US (08/870,248) 1997-06-06</p>	<p style="text-align: right;">[21] <b>2,293,350</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/53 7A61K 38/00 7A61K 48/00 7C07H 21/04 7C12Q 1/70</b> [25] EN [54] <b>INHIBITION OF THE SRC KINASE FAMILY PATHWAY AS A METHOD OF TREATING HBV INFECTION AND HEPATOCELLULAR CARCINOMA</b> [54] <b>INHIBITION DE LA VOIE DE LA FAMILLE DES KINASES SRC UTILISEE COMME METHODE DE TRAITEMENT D'INFECTIONS PAR DES VIRUS DE L'HEPATITE B (HBV) ET DE CARCINOMES HEPATOCELLULAIRES</b> [72] SCHNEIDER, ROBERT J., US [72] KLEIN, NICOLA, US [71] NEW YORK UNIVERSITY MEDICAL CENTER, US [85] 1999-12-09 [86] 1998-06-12 (PCT/US98/12279) [87] 1998-12-17 (WO98/57175) [30] US (08/874,430) 1997-06-13</p>	<p style="text-align: right;">[21] <b>2,293,352</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61C 19/06</b> [25] EN [54] <b>A DELIVERY SYSTEM FOR A TOOTH WHITENER USING A STRIP OF MATERIAL HAVING LOW FLEXURAL STIFFNESS</b> [54] <b>DISPOSITIF D'ADMINISTRATION D'UN AGENT BLANCHISSANT POUR LES DENTS AU MOYEN D'UNE BANDE DE MATIERE DOTEES D'UNE FAIBLE RESISTANCE A LA FLEXION</b> [72] SAGEL, PAUL ALBERT, US [72] DIRKSING, ROBERT STANLEY, US [72] ROHMAN, FREDERICK JAMES, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-12-06 [86] 1998-06-02 (PCT/US98/11113) [87] 1998-12-10 (WO98/55044) [30] US (08/870,330) 1997-06-06 [30] US (09/040,000) 1998-03-17</p>



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[21] **2,293,353**  
[13] A1  
[51] **Int.Cl. 7B29D 22/00 7B65D 69/00 7B65D 73/00**  
[25] EN  
[54] **FLUID SAMPLER POUCH WITH INTERNAL SUPPORTIVE STRUCTURE**  
[54] **POCHE D'ECHANTILLONNEUR DE FLUIDE A STRUCTURE DE SUPPORT INTERNE**  
[72] BARNETT, ROGER, US  
[72] GREENLAND, STEVEN J., US  
[71] ARCADE, INC., US  
[85] 1999-12-09  
[86] 1998-06-12 (PCT/US98/12443)  
[87] 1998-12-17 (WO98/56568)  
[30] US (08/874,424) 1997-06-13

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[21] **2,293,354**  
[13] A1  
[51] **Int.Cl. 7A61L 27/00**  
[25] EN  
[54] **BONE GRAFT COMPOSITES AND SPACERS**  
[54] **COMPOSITES DE GREFFES OSSEUSES ET ECARTEURS**  
[72] MCKAY, WILLIAM F., US  
[71] SDGI HOLDINGS, INC., US  
[85] 1999-12-07  
[86] 1998-06-11 (PCT/US98/11611)  
[87] 1998-12-17 (WO98/56433)  
[30] US (08/873,276) 1997-06-11

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[21] **2,293,355**  
[13] A1  
[51] **Int.Cl. 7C08G 18/10 7C08K 3/00 7C08G 18/12 7C08G 18/32 7C08G 18/75**  
[25] EN  
[54] **METHOD FOR PRODUCING ONE-COMPONENT SEALING AND COATING COMPOUNDS WITH A POLYURETHANE BASE**  
[54] **PROCEDE DE PRODUCTION DE MATIERES D'ETANCHEITE ET DE RECOUVREMENT A UN COMPOSANT A BASE DE POLYURETHANE**  
[72] SCHAFFER, MARTIN, DE  
[72] HILLER, MICHAEL, DE  
[72] MORONI, WILKO, DE  
[71] SIKA CHEMIE GMBH, DE  
[85] 1999-12-06  
[86] 1998-05-22 (PCT/EP98/03027)  
[87] 1998-12-10 (WO98/55524)  
[30] DE (197 23 355.4) 1997-06-04

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[21] **2,293,356**  
[13] A1  
[51] **Int.Cl. 7C09D 183/00 7C09D 1/00 7C09D 5/00 7B05D 7/24**  
[25] EN  
[54] **METHOD OF FORMING HYDROPHILIC INORGANIC COATING FILM AND INORGANIC COATING COMPOSITION**  
[54] **PROCEDE PERMETTANT DE FORMER UN FILM DE REVETEMENT INORGANIQUE HYDROPHILE ET COMPOSITION DE REVETEMENT INORGANIQUE**  
[72] INOUE, MINORU, JP  
[72] TAKAHAMA, KOICHI, JP  
[72] IKENAGA, JUNKO, JP  
[72] NAKAMOTO, SHOICHI, JP  
[71] MATSUSHITA ELECTRIC WORKS, LTD., JP  
[85] 1999-12-09  
[86] 1999-04-12 (PCT/JP99/01928)  
[87] 1999-10-21 (WO99/52986)  
[30] JP (10/98670) 1998-04-10

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[21] **2,293,357**  
[13] A1  
[51] **Int.Cl. 7H03H 7/00 7H03J 3/22**  
[25] EN  
[54] **CONTINUOUSLY ADJUSTABLE RESONATOR**  
[54] **RESONATEUR REGLABLE EN CONTINU**  
[72] KISER, JOSEPH H., US  
[71] VARI-L COMPANY, INC., US  
[85] 1999-12-07  
[86] 1998-06-09 (PCT/US98/12039)  
[87] 1998-12-17 (WO98/57425)  
[30] US (60/049,192) 1997-06-11

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[21] **2,293,358**  
[13] A1  
[51] **Int.Cl. 7C07D 401/04 7C07D 401/14 7C07D 221/16 7A61K 31/435 7A61K 31/445 7A61K 31/55**  
[25] EN  
[54] **NOVEL TRICYCLIC SULFONAMIDE INHIBITORS OF FARNESYL-PROTEIN TRANSFERASE**  
[54] **NOUVEAUX SULFONAMIDES TRICYCLIQUES INHIBITEURS DE LA FARNESYLE TRANSFERASE**  
[72] TAVERAS, ARTHUR G., US  
[72] DOLL, RONALD J., US  
[72] GIRIJAVALLABHAN, VIYYOOR M., US  
[72] VIBULBHAN, BANCHA, US  
[72] NJOROGUE, F. GEORGE, US  
[71] SCHERING CORPORATION, US  
[85] 1999-12-09  
[86] 1998-06-15 (PCT/US98/11508)  
[87] 1998-12-23 (WO98/57949)  
[30] US (08/877,050) 1997-06-17

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[21] **2,293,359**  
[13] A1  
[51] **Int.Cl. 7A61K 31/495**  
[25] EN  
[54] **PHARMACEUTICAL, COSMETIC AND/OR FOOD COMPOSITION WITH ANTIOXIDANT PROPERTIES**  
[54] **COMPOSITION PHARMACEUTIQUE, COSMETIQUE ET/OU ALIMENTAIRE AUX PROPRIETES ANTI-OXYDANTES**  
[72] DUBUISSON, MARLENE, BE  
[72] REES, JEAN-FRANCOIS, BE  
[72] TROUET, ANDRE, BE  
[71] UNIVERSITE CATHOLIQUE DE LOUVAIN, BE  
[85] 1999-09-27  
[86] 1998-03-30 (PCT/BE98/00044)  
[87] 1998-10-08 (WO98/43641)  
[30] BE (9700294) 1997-03-28

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[21] **2,293,360**  
[13] A1

[51] **Int.Cl. 7A47B 95/02 7H01R 13/62**  
[25] EN  
[54] **CAM ASSISTED EJECTION HANDLE FOR A REMOVABLE DRIVE CARRIER**  
[54] **POIGNEE D'EJECTION ASSISTEE PAR CAME POUR SUPPORT DE LECTEUR DETACHABLE**  
[72] PAUL, DIETER G., US  
[72] YU, JIM D., US  
[71] KINGSTON TECHNOLOGY CORPORATION, US  
[85] 1999-12-06  
[86] 1998-04-06 (PCT/US98/06713)  
[87] 1999-10-14 (WO99/51124)

[21] **2,293,361**  
[13] A1

[51] **Int.Cl. 7C07D 277/56**  
[25] EN  
[54] **PROCESS FOR PRODUCING 2-HYDROXYBENZAMIDE DERIVATIVES**  
[54] **PROCEDE DE PRODUCTION DES DERIVES DE 2-HYDROXYBENZAMIDE**  
[72] SUZUKI, TAKANORI, JP  
[72] NAGANO, EIICHI, JP  
[72] NAGASAWA, MASAOKI, JP  
[72] NISHIOKA, HIROYASU, JP  
[72] NAKAO, RYU, JP  
[72] ISHII, KATSUYUKI, JP  
[71] ZERIA PHARMACEUTICAL CO., LTD., JP  
[85] 1999-12-07  
[86] 1998-06-22 (PCT/JP98/02764)  
[87] 1998-12-30 (WO98/58918)  
[30] JP (9/181844) 1997-06-24  
[30] JP (9/250106) 1997-09-01

[21] **2,293,362**  
[13] A1

[51] **Int.Cl. 7A47L 13/16 7D04H 13/00 7A47L 13/17 7A47L 13/19 7A47L 13/20**  
[25] EN  
[54] **THREE-DIMENSIONAL STRUCTURES USEFUL AS CLEANING SHEETS**  
[54] **STRUCTURES TRIDIMENSIONNELLES UTILES EN TANT QUE TEXTILES D'ENTRETIEN**  
[72] FERESHTEHKHOU, SAEED, US  
[72] STRICKLAND, WILBUR CECIL JR., US  
[72] RUSSO, PAUL JOHN, US  
[72] POLICICCHIO, NICOLA JOHN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-12-09  
[86] 1998-05-20 (PCT/US98/10362)  
[87] 1998-11-26 (WO98/52458)  
[30] US (60/047,619) 1997-05-23  
[30] US (60/055,330) 1997-08-12

[21] **2,293,364**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **SATELLITE COMMUNICATION METHOD AND APPARATUS**  
[54] **PROCEDE ET DISPOSITIF DE COMMUNICATION PAR SATELLITE**  
[72] PHILLIPS, KEVIN PAUL, GB  
[72] FEBVRE, PAUL ROGER, GB  
[71] INMARSAT LIMITED, GB  
[85] 1999-12-07  
[86] 1999-05-18 (PCT/GB99/01573)  
[87] 1999-11-25 (WO99/60810)  
[30] GB (9810883.0) 1998-05-20

[21] **2,293,365**  
[13] A1

[51] **Int.Cl. 7A23G 3/00**  
[25] EN  
[54] **TASTE MODIFIED HARD CONFECTIONERY COMPOSITIONS CONTAINING FUNCTIONAL INGREDIENTS**  
[54] **COMPOSITIONS DE PRODUITS DE CONFISERIE DURES MODIFIEES AU GOUT, CONTENANT DES INGREDIENTS FONCTIONNELS**  
[72] BELL, ANTHONY JOHN, US  
[72] DEISSEROTH, WENDY, US  
[72] JORDAN, JEAN-MARIE, US  
[71] WARNER-LAMBERT COMPANY, US  
[85] 1999-12-07  
[86] 1998-08-11 (PCT/US98/16582)  
[87] 1999-02-25 (WO99/08543)  
[30] US (60/055,647) 1997-08-14

[21] **2,293,366**  
[13] A1

[51] **Int.Cl. 7B62K 25/28**  
[25] EN  
[54] **BICYCLE REAR SUSPENSION**  
[54] **SUSPENSION ARRIERE POUR VELOS**  
[72] GIRARD, MARIO, CA  
[71] COMPOSITES LIKEN INC., CA  
[85] 1999-12-07  
[86] 1998-06-10 (PCT/CA98/00574)  
[87] 1998-12-17 (WO98/56645)  
[30] CA (2,207,802) 1997-06-10

[21] **2,293,367**  
[13] A1

[51] **Int.Cl. 7C11C 3/10 7A61K 31/23 7A23L 1/30**  
[25] EN  
[54] **WAX ESTERS ENRICHED IN .OMEGA.-3 UNSATURATED FATTY ACIDS, THEIR PREPARATION AND THEIR USE**  
[54] **ESTERS DE CIRE ENRICHIS EN ACIDES GRAS .OMEGA.-3 INSATURES, LEUR PREPARATION ET LEUR UTILISATION**  
[72] GALLIANI, GUIDO, IT  
[72] TACCONI, MARIA TERESA, IT  
[71] PRIME EUROPEAN THERAPEUTICALS S.P.A. (EUTICALS), IT  
[85] 1999-12-09  
[86] 1998-06-09 (PCT/EP98/03466)  
[87] 1998-12-17 (WO98/56883)  
[30] IT (MI97A001369) 1997-06-11

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[21] **2,293,368**  
[13] A1

[51] **Int.Cl. 7C07D 405/14 7C07D 401/04 7C07D 401/08 7C07D 493/08 7C07D 405/12 7C07D 409/14 7C07D 221/16 7A61K 31/435**

[25] EN  
[54] **BENZO(5,6)CYCLOHEPTA(1,2-B)PYRIDINE DERIVATIVES USEFUL FOR INHIBITION OF FARNESYL PROTEIN TRANSFERASE**  
[54] **DERIVES DE BENZO(5,6)CYCLOHEPTA(1,2-B)PYRIDINE INHIBITEURS DE FARNESYL PROTEINE TRANSFERASE**

[72] ALVAREZ, CARMEN, US  
[72] LALWANI, TARIK, US  
[72] DOLL, RONALD J., US  
[72] LIU, YI-TSUNG, US  
[71] SCHERING CORPORATION, US  
[85] 1999-12-09  
[86] 1998-06-15 (PCT/US98/11409)  
[87] 1998-12-23 (WO98/57968)  
[30] US (08/877,498) 1997-06-17

[21] **2,293,369**  
[13] A1

[51] **Int.Cl. 7G01B 11/26 7G01B 9/02**

[25] EN  
[54] **EXTENDED RANGE INTERFEROMETRIC REFRACTOMETER**  
[54] **REFRACTOMETRE INTERFEROMETRIQUE A PLAGE ETENDUE**

[72] SHEPARD, DOUGLAS W., US  
[72] PHILLIPS, DAVID T., US  
[72] JANIK, GARY R., US  
[72] TRAINOFF, STEVEN P., US  
[71] WYATT TECHNOLOGY CORPORATION, US  
[85] 1999-12-06  
[86] 1998-06-08 (PCT/US98/11942)  
[87] 1998-12-10 (WO98/55847)  
[30] US (08/870,937) 1997-06-06

[21] **2,293,370**  
[13] A1

[51] **Int.Cl. 7A61L 27/00**

[25] EN  
[54] **ADHERENT, FLEXIBLE HYDROGEL AND MEDICATED COATINGS**  
[54] **HYDROGEL SOUPLE ADHESIF ET REVETEMENTS MEDICAMENTEUX**

[72] ZHANG, XIANPING, US  
[72] WHITBOURNE, RICHARD, US  
[71] STS BIOPOLYMERS, INC., US  
[85] 1999-12-07  
[86] 1998-06-22 (PCT/US98/12981)  
[87] 1998-12-30 (WO98/58690)  
[30] US (08/880,512) 1997-06-23

[21] **2,293,371**  
[13] A1

[51] **Int.Cl. 7C11D 3/22 7D06M 16/00 7A61L 9/01 7D06M 15/03 7C11D 17/04 7D06M 23/06**

[25] EN  
[54] **UNCOMPLEXED CYCLODEXTRIN COMPOSITIONS FOR ODOR CONTROL**  
[54] **COMPOSITIONS DE CYCLODEXTRINE NON COMPLEXEE POUR ELIMINER LES ODEURS**

[72] TRINH, TOAN, US  
[72] WOO, RICKY AH-MA, US  
[72] COBB, DANIEL SCOTT, US  
[72] SCHNEIDERMAN, EVA, US  
[72] REECE, STEVEN, US  
[72] CHUNG, ALEX HAEJOON, US  
[72] WOLFF, ANN MARGARET, US  
[72] ROSENBALM, ERIN LYNN, US  
[72] WARD, THOMAS EDWARD, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-12-06  
[86] 1998-06-09 (PCT/US98/12154)  
[87] 1998-12-17 (WO98/56888)  
[30] US (08/871,576) 1997-06-09  
[30] US (08/871,042) 1997-06-09  
[30] US (08/871,119) 1997-06-09  
[30] US (08/871,339) 1997-06-09  
[30] US (09/067,243) 1998-04-27  
[30] US (09/067,639) 1998-04-27  
[30] US (09/067,184) 1998-04-27  
[30] US (09/067,387) 1998-04-27

[21] **2,293,372**  
[13] A1

[51] **Int.Cl. 7C07D 401/14 7C07D 401/12 7A61K 31/47**

[25] EN  
[54] **BENZO(5,6)CYCLOHEPTA(1,2B)PYRIDINE DERIVATIVES USEFUL FOR INHIBITION OF FARNESYL PROTEIN TRANSFERASE**  
[54] **DERIVES DE BENZO(5,6)CYCLOHEPTA(1,2-B)PYRIDINE INHIBITEURS DE LA FARNESYL PROTEINE TRANSFERASE**

[72] TAVERAS, ARTHUR G., US  
[71] SCHERING CORPORATION, US  
[85] 1999-12-09  
[86] 1998-06-15 (PCT/US98/11498)  
[87] 1998-12-23 (WO98/57962)  
[30] US (08/877,673) 1997-06-17

[21] **2,293,373**  
[13] A1

[51] **Int.Cl. 7C07D 401/04 7C07D 401/14 7A61K 31/435**

[25] EN  
[54] **BENZO(5,6)CYCLOHEPTA(1,2B)PYRIDINE DERIVATIVES USEFUL FOR INHIBITION OF FARNESYL PROTEIN TRANSFERASE**  
[54] **DERIVES DE BENZO(5,6)CYCLOHEPTA(1,2B)PYRIDINE S'UTILISANT COMME INHIBITEURS DE TRANSFERASE DE PROTEINE DE FARNESYL**

[72] COOPER, ALAN B., US  
[72] SAKSENA, ANIL K., US  
[72] DOLL, RONALD J., US  
[72] GIRIJAVALLABHAN, VIYYOOR M., US  
[71] SCHERING CORPORATION, US  
[85] 1999-12-09  
[86] 1998-06-15 (PCT/US98/11497)  
[87] 1998-12-23 (WO98/57944)  
[30] US (08/877,457) 1997-06-17

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<p style="text-align: right;">[21] <b>2,293,374</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E01C 13/08</b> [25] EN [54] <b>STABILIZED TURF FOR ATHLETIC FIELD</b> [54] <b>GAZON NATUREL STABILISE POUR TERRAIN D'ATHLETISME</b> [72] HEINLEIN, MARK A., US [72] MOTZ, JOSEPH E., US [72] LINVILLE, STEVE, US [71] TECHNOLOGY LICENSING CORP., US [85] 1999-12-06 [86] 1998-06-08 (PCT/US98/11323) [87] 1998-12-10 (WO98/55697) [30] US (870,541) 1997-06-06</p>	<p style="text-align: right;">[21] <b>2,293,377</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B23P 19/08 7B25B 27/00</b> [25] EN [54] <b>FACE SEAL O-RING INSERTION TOOL</b> [54] <b>OUTIL D'INSERTION DE JOINTS TORIQUES A CONTACT PAR SURFACE PLANE</b> [72] WHETSTONE, MERLE A., US [71] AEROQUIP CORPORATION, US [85] 1999-12-07 [86] 1998-08-03 (PCT/US98/16091) [87] 1999-02-18 (WO99/07513) [30] US (60/055,166) 1997-08-08 [30] US (09/111,972) 1998-07-08</p>	<p style="text-align: right;">[21] <b>2,293,381</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B05B 15/02</b> [25] EN [54] <b>DUAL MODE REVERSIBLE TIP SEAL</b> [54] <b>JOINT D'EMBOUIT REVERSIBLE POUR DOUBLE MODE</b> [72] KIEFFER, JOSEPH W., US [71] WAGNER SPRAY TECH CORPORATION, US [85] 1999-12-07 [86] 1998-06-08 (PCT/US98/11316) [87] 1998-12-17 (WO98/56512) [30] US (871,365) 1997-06-09</p>
<p style="text-align: right;">[21] <b>2,293,375</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01J 19/12</b> [25] EN [54] <b>SPECTRAL CATALYSTS</b> [54] <b>CATALYSEURS DE TYPE SPECTRAL</b> [72] BROOKS, JULIANA H. J., US [71] BERKSHIRE LABORATORIES, INC., US [85] 1999-12-07 [86] 1998-06-17 (PCT/US98/12533) [87] 1998-12-23 (WO98/57736) [30] US (60/049,910) 1997-06-18</p>	<p style="text-align: right;">[21] <b>2,293,378</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01D 71/68 7B01D 67/00 7B01D 61/14</b> [25] EN [54] <b>HIGHLY ASYMMETRIC POLYETHERSULFONE FILTRATION MEMBRANE</b> [54] <b>MEMBRANES DE FILTRATION EN POLYETHERSULFONE HAUTEMENT ASYMETRIQUES</b> [72] WANG, I-FAN, US [71] USF FILTRATION AND SEPARATIONS GROUP INC., US [85] 1999-12-09 [86] 1998-07-07 (PCT/US98/13907) [87] 1999-01-21 (WO99/02248) [30] US (08/889,418) 1997-07-08</p>	<p style="text-align: right;">[21] <b>2,293,382</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 241/00</b> [25] EN [54] <b>PIPERAZINE DERIVATIVES AND THEIR USE AS ANTI-INFLAMMATORY AGENTS</b> [54] <b>DERIVES DE PIPERAZINE ET LEUR UTILISATION EN TANT QU'AGENTS ANTI-INFLAMMATOIRES</b> [72] WEI, GUO PING, US [72] MAY, KAREN B., US [72] HORUK, RICHARD, US [72] ISLAM, IMADUL, US [72] LIANG, MEINA, US [72] MORISSEY, MICHAEL M., US [72] MONAHAN, SEAN D., US [72] NG, HOWARD P., US [72] BAUMAN, JOHN G., US [72] XU, WEI, US [72] GHANNAM, AMEEN F., US [72] ZHENG, WEI, US [72] BUCKMAN, BRAD O., US [72] HESSELGESSER, JOSEPH E., US [71] SCHERING AKTIENGESELLSCHAFT, DE [85] 1999-12-09 [86] 1998-06-11 (PCT/EP98/03503) [87] 1998-12-17 (WO98/56771) [30] US (08/873,599) 1997-06-12 [30] US (09/094,397) 1998-06-09</p>
<p style="text-align: right;">[21] <b>2,293,376</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02F 1/35 7G02F 1/09</b> [25] EN [54] <b>DEVICE FOR MODULATION OF OPTICAL RADIATION AND TRANSMISSION OF INFORMATION</b> [54] <b>DISPOSITIF DE MODULATION DE RAYONNEMENTS OPTIQUES ET DE TRANSMISSION D'INFORMATIONS</b> [72] MAIER, ALEXANDR ALEXANDROVICH, RU [71] MAIER OPTICAL RESEARCH AND TECHNOLOGIES GMBH, CH [85] 1999-12-09 [86] 1998-06-11 (PCT/RU98/00177) [87] 1998-12-17 (WO98/57229) [30] RU (97109964) 1997-06-13 [30] RU (97114904) 1997-09-01 [30] RU (98101186) 1998-01-23 [30] RU (98102884) 1998-02-17</p>	<p style="text-align: right;">[21] <b>2,293,379</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 17/30</b> [25] EN [54] <b>KNOWLEDGE REPRESENTATION SYSTEM INCLUDING INTEGRATED KNOWLEDGE-BASE AND DATABASE, AND METHOD AND APPARATUS FOR UTILIZING THE SAME</b> [54] <b>SYSTEME DE REPRESENTATION DE CONNAISSANCES COMPRENANT UNE BASE DE DONNEES ET UNE BASE DE CONNAISSANCES INTEGREES, ET PROCEDE ET APPAREIL D'UTILISATION DE CE SYSTEME</b> [72] TAYLOR, MERWYN G., US [72] HENDLER, JAMES A., US [72] STOFFEL, KILLIAN, CH [71] UNIVERSITY OF MARYLAND, US [85] 1999-12-07 [86] 1998-06-12 (PCT/US98/11493) [87] 1998-12-17 (WO98/57279) [30] US (60/049,623) 1997-06-13</p>	

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<p style="text-align: right;">[21] <b>2,293,383</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38</b> [25] EN [54] <b>NETWORK BASED METHOD AND APPARATUS FOR RESTRICTING OPERATION OF CELLULAR TELEPHONES TO DELINEATED GEOGRAPHICAL AREAS</b> [54] <b>PROCEDE ET APPAREIL EN RESEAU PERMETTANT LA RESTRICTION DU FONCTIONNEMENT DE TELEPHONES CELLULAIRES A DES ZONES GEOGRAPHIQUES DELIMITEES</b> [72] VALENTINE, ERIC, US [71] ERICSSON INC., US [85] 1999-12-06 [86] 1998-06-09 (PCT/US98/10777) [87] 1998-12-17 (WO98/57518) [30] US (08/872,246) 1997-06-10</p>	<p style="text-align: right;">[21] <b>2,293,386</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01K 39/012</b> [25] EN [54] <b>POULTRY FEEDING SYSTEM</b> [54] <b>NOURRISEUR A VOLAILLE</b> [72] HORWOOD, FRANCIS HEDLEY, AU [71] F &amp; M HORWOOD NOMINEES PTY. LIMITED, AU [85] 1999-12-06 [86] 1998-06-11 (PCT/AU98/00443) [87] 1998-12-17 (WO98/56244) [30] AU (PO 7295) 1997-06-11 [30] AU (PO 9563) 1997-09-30</p>	<p style="text-align: right;">[21] <b>2,293,390</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65G 47/78</b> [25] EN [54] <b>CONVEYORS FOR PARTICULATE MATERIAL</b> [54] <b>TRANSPORTEURS DE MATIERE PARTICULAIRE</b> [72] MCGOUN, PETER, GB [71] ENTECON LIMITED, GB [85] 1999-12-06 [86] 1998-05-28 (PCT/GB98/01561) [87] 1998-12-17 (WO98/56695) [30] GB (9712067.9) 1997-06-11</p>
<p style="text-align: right;">[21] <b>2,293,384</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38</b> [25] EN [54] <b>ROAMING METHOD AND DEVICES APPROPRIATE THEREFOR</b> [54] <b>PROCEDE D'ITINERANCE</b> [72] HEUTSCHI, WALTER, CH [72] STADELMANN, ANTON NIKLAUS, CH [72] HIRZEL, WERNER, CH [71] SWISSCOM AG, CH [85] 1999-12-07 [86] 1999-03-29 (PCT/CH99/00130) [87] 1999-10-28 (WO99/55107) [30] CH (885/98) 1998-04-17</p>	<p style="text-align: right;">[21] <b>2,293,387</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E05B 49/00 7B60R 25/00</b> [25] EN [54] <b>A COUNTERMEASURE METHOD AND SYSTEM FOR SECURING A REMOTE KEYLESS ENTRY SYSTEM</b> [54] <b>PROCEDE ET SYSTEME DE CONTRE-MESURE PERMETTANT DE PROTEGER UN SYSTEME TELECOMMANDE D'OUVERTURE SANS CLE</b> [72] WILSON, MARK M., US [71] LEAR AUTOMOTIVE DEARBORN, INC., US [85] 1999-12-07 [86] 1998-06-01 (PCT/US98/11215) [87] 1999-01-07 (WO99/00568) [30] US (884,576) 1997-06-27</p>	<p style="text-align: right;">[21] <b>2,293,391</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F16K 31/122 7F16K 47/00</b> [25] EN [54] <b>WATER WELL RECHARGE THROTTLE VALVE</b> [54] <b>VANNE D'ETRANGLEMENT D'ALIMENTATION DE PUIS D'EAU</b> [72] WALLACE, GLENN E., US [72] PETERSON, MARK H., US [71] VOV ENTERPRISES, INC., US [85] 1999-12-09 [86] 1998-06-09 (PCT/US98/11797) [87] 1998-12-17 (WO98/57083) [30] US (08/871,652) 1997-06-09</p>
<p style="text-align: right;">[21] <b>2,293,385</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G10D 13/02</b> [25] EN [54] <b>BLOCK PERCUSSION INSTRUMENT</b> [54] <b>INSTRUMENT DE PERCUSSION A BLOC</b> [72] COHEN, MARTIN, US [72] SIMONS, RICHARD, US [72] KRALICK, DONALD, US [71] LATIN PERCUSSION, INC., US [85] 1999-12-09 [86] 1998-06-12 (PCT/US98/12318) [87] 1998-12-17 (WO98/57320) [30] US (60/050,911) 1997-06-13</p>	<p style="text-align: right;">[21] <b>2,293,388</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 18/00 7A61C 3/02</b> [25] EN [54] <b>METHOD AND APPARATUS FOR TEMPERATURE CONTROL OF BIOLOGIC TISSUE WITH SIMULTANEOUS IRRADIATION</b> [54] <b>PROCEDE ET APPAREIL POUR LA REGULATION DE TEMPERATURE DE TISSU BIOLOGIQUE PAR IRRADIATION SIMULTANEE</b> [72] BARRETTI, MICHAEL L., US [72] CHESS, CYRUS, US [71] COOL LASER OPTICS, INC., US [85] 1999-12-09 [86] 1998-06-17 (PCT/US98/12635) [87] 1998-12-23 (WO98/57588) [30] US (60/049,858) 1997-06-17</p>	<p style="text-align: right;">[21] <b>2,293,392</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C10G 9/28</b> [25] EN [54] <b>METHOD FOR HIGH-TEMPERATURE SHORT-TIME DISTILLATION OF RESIDUAL OILS</b> [54] <b>PROCEDE DE DISTILLATION DE COURTE DUREE A TEMPERATURE ELEVEE D'HUILES RESIDUELLES</b> [72] SCHMALFELD, JORG, DE [72] WEISS, HANS-JURGEN, DE [72] ZENTNER, UDO, DE [72] DREHER, INGO, DE [72] SERRANO, WILLIBALD, DE [71] METALLGESELLSCHAFT AKTIENGESELLSCHAFT, DE [85] 1999-12-06 [86] 1998-06-03 (PCT/EP98/03319) [87] 1998-12-10 (WO98/55564) [30] DE (197 24 074.7) 1997-06-07</p>

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[21] **2,293,393**  
[13] A1

[51] **Int.Cl. 7H04Q 7/32 7G07F 7/08 7G07F 7/10**  
[25] EN  
[54] **MOBILE DEVICE, CHIP CARD AND METHOD OF COMMUNICATION**  
[54] **APPAREIL MOBILE, CARTE A PUCE ET PROCEDE DE COMMUNICATION**  
[72] RITTER, RUDOLF, CH  
[71] SWISSCOM AG, CH  
[85] 1999-12-07  
[86] 1998-01-30 (PCT/CH98/00036)  
[87] 1998-12-23 (WO98/58510)  
[30] WO (PCT/CH97/00237) 1997-06-16  
[30] CH (2673/97) 1997-11-19

[21] **2,293,394**  
[13] A1

[51] **Int.Cl. 7B01D 3/02 7C02F 1/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REDUCING REABSORPTION OF VAPORS AND GASES**  
[54] **PROCEDE ET DISPOSITIF POUR REDUIRE LA REABSORPTION DE VAPEURS ET DE GAZ**  
[72] PALMER, DAVID G., US  
[71] WAITAKI RESEARCH CORPORATION, US  
[85] 1999-12-09  
[86] 1998-06-10 (PCT/US98/11972)  
[87] 1998-12-17 (WO98/56479)  
[30] US (60/049,420) 1997-06-12

[21] **2,293,395**  
[13] A1

[51] **Int.Cl. 7A61L 9/01 7D06M 13/224**  
[25] EN  
[54] **ODOR CONTROL COMPOSITIONS COMPRISING .BETA.-KETOESTER PRO-FRAGRANCES**  
[54] **COMPOSITIONS DESODORISANTES CONTENANT DES PRECURSEURS DE PARFUM .BETA.-CETOESTERS**  
[72] SIVIK, MARK ROBERT, US  
[72] HARTMAN, FREDERICK ANTHONY, US  
[72] SEVERNS, JOHN CORT, US  
[72] TRINH, TOAN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-12-07  
[86] 1997-08-19 (PCT/US97/14614)  
[87] 1998-02-26 (WO98/07455)  
[30] US (60/024,117) 1996-08-19

[21] **2,293,396**  
[13] A1

[51] **Int.Cl. 7H01Q 5/01 7H04B 1/18 7H01Q 9/30**  
[25] EN  
[54] **DUAL BAND ANTENNA FOR MOBILE COMMUNICATIONS**  
[54] **ANTENNE A DOUBLE BANDE POUR COMMUNICATIONS MOBILES**  
[72] HA, DONG IN, KR  
[72] SEO, HO SOO, KR  
[72] GOUDELEV, ALEXANDRE, KR  
[72] KRYLOV, KONSTANTIN, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 1999-12-09  
[86] 1997-12-26 (PCT/KR97/00277)  
[87] 1998-12-23 (WO98/58422)  
[30] KR (1997/25177) 1997-06-17

[21] **2,293,397**  
[13] A1

[51] **Int.Cl. 7C07H 17/08 7A61K 31/70**  
[25] EN  
[54] **C-4''-SUBSTITUTED MACROLIDE DERIVATIVES**  
[54] **DERIVES DE MACROLIDE SUBSTITUE EN C-4''**  
[72] LETAVIC, MICHAEL ANTHONY, US  
[72] CHENG, HENGMAO, US  
[72] BRONK, BRIAN SCOTT, US  
[72] KANEKO, TAKUSHI, US  
[72] GLAZER, EDWARD ALAN, US  
[72] YANG, BINGWEI VERA, US  
[71] PFIZER PRODUCTS INC., US  
[85] 1999-12-09  
[86] 1998-05-25 (PCT/IB98/00799)  
[87] 1998-12-17 (WO98/56801)  
[30] US (60/049,980) 1997-06-11

[21] **2,293,398**  
[13] A1

[51] **Int.Cl. 7B65B 27/06 7B65H 29/12 7B65H 29/66**  
[25] EN  
[54] **COMBINATION COUNTER-EJECTOR SHINGLE-OUTPUT DELIVERY SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION COMBINANT UN COMPTEUR-EJECTEUR ET UNE SORTIE EN PILES IMBRIQUEES**  
[72] SCHENONE, MICHAEL A., US  
[71] BOBST GROUP, INC., US  
[85] 1999-12-10  
[86] 1998-06-26 (PCT/US98/12805)  
[87] 1999-01-07 (WO99/00305)  
[30] US (60/050,859) 1997-06-26  
[30] US (09/104,801) 1998-06-25

[21] **2,293,400**  
[13] A1

[51] **Int.Cl. 7A61K 31/44 7C07D 215/02 7C07D 239/02 7C07D 249/02 7C07D 275/02 7C07D 471/02 7C07D 487/06 7C07D 285/08 7C07D 253/10 7C07D 403/14 7C07D 411/14 7C07D 417/14 7C07D 285/16 7C07D 261/20 7C07D 277/20 7C07D 237/26 7C07D 241/36 7A61K 31/425 7A61K 31/445 7A61K 31/47 7A61K 31/495 7A61K 31/505 7A61K 31/53 7A61K 31/535 7A61K 31/54 7C07D 251/72**  
[25] EN  
[54] **NOVEL HETEROARYL COMPOUNDS FOR THE MODULATION OF PROTEIN TYROSINE ENZYME RELATED CELLULAR SIGNAL TRANSDUCTION**  
[54] **NOUVEAUX COMPOSES HETEROARYLE POUR LA MODULATION DE LA TRANSDUCTION DE SIGNAUX CELLULAIRES ASSOCIEE AUX ENZYMES PROTEINE TYROSINE**  
[72] RAMPHAL, JOHN Y., US  
[72] TANG, PENG CHO, US  
[72] McMAHON, GERALD, US  
[71] SUGEN, INC., US  
[85] 1999-12-10  
[86] 1998-06-12 (PCT/US98/12333)  
[87] 1998-12-17 (WO98/56376)  
[30] US (60/049,560) 1997-06-13

[21] **2,293,401**  
[13] A1

[51] **Int.Cl. 7A61L 2/00**  
[25] EN  
[54] **PROCESS FOR REDUCING THE CONCENTRATION OF VIRAL AND MOLECULAR PATHOGENS IN A BIOLOGICAL MATERIAL**  
[54] **PROCEDE PERMETTANT DE REDUIRE LA CONCENTRATION D'AGENTS PATHOGENES VIRAUX ET MOLECULAIRES DANS UNE MATIERE BIOLOGIQUE**  
[72] EIBL, JOHANN, AT  
[72] LINNAU, YENDRA, AT  
[72] POLSLER, GERHARD, AT  
[72] BARRETT, NOEL, AT  
[72] DORNER, FRIEDRICH, AT  
[71] BAXTER AKTIENGESELLSCHAFT, AT  
[85] 1999-12-10  
[86] 1998-06-10 (PCT/AT98/00143)  
[87] 1998-12-23 (WO98/57672)  
[30] AT (A 1029/97) 1997-06-13

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[21] **2,293,402**  
[13] A1

[51] **Int.Cl. 7B60R 21/20**  
[25] EN  
[54] **APPARATUS FOR DEPLOYING AN AIRBAG THROUGH A HARD PANEL**  
[54] **APPAREIL DE DEPLOIEMENT D'UN COUSSIN GONFLABLE DE SECURITE A TRAVERS UN PANNEAU DUR**  
[72] RHODES, RICHARD D., JR., US  
[72] GALLAGHER, MICHAEL J., US  
[72] BATCHELDER, BRUCE A., US  
[72] LABRIE, CRAIG B., US  
[72] ROGERS, JIMMY C., US  
[72] GRAY, JOHN D., US  
[71] TEXTRON AUTOMOTIVE COMPANY INC., US  
[85] 1999-12-06  
[86] 1998-05-28 (PCT/US98/10846)  
[87] 1998-12-17 (WO98/56621)  
[30] US (871,243) 1997-06-09  
[30] US (949,842) 1997-10-14

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[21] **2,293,403**  
[13] A1

[51] **Int.Cl. 7A61K 7/48**  
[25] EN  
[54] **PERFUMED ONE AND TWO PHASE COMPOSITIONS FOR REDUCING BODY ODOR AND METHODS OF USE THEREOF**  
[54] **COMPOSITIONS PARFUMÉES A UNE OU A DEUX PHASES POUR COMBATTRE LES ODEURS CORPORELLES ET LEUR MODE D'UTILISATION**  
[72] TRINH, TOAN, US  
[72] LUCAS, JULIET MARIE, US  
[72] BARTOLO, ROBERT GREGORY, US  
[72] DODD, MICHAEL THOMAS, US  
[72] KAJIS, THERESA MARIE, US  
[72] BUCKNER, ROBIN YAGER, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-12-07  
[86] 1998-06-08 (PCT/US98/11814)  
[87] 1998-12-17 (WO98/56342)  
[30] US (08/871,577) 1997-06-09  
[30] US (08/871,853) 1997-06-09  
[30] US (08/871,855) 1997-06-09  
[30] US (08/871,858) 1997-06-09

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[21] **2,293,405**  
[13] A1

[51] **Int.Cl. 7D21H 17/64**  
[25] EN  
[54] **A PROCESS FOR STABILIZING THE PH OF A PULP SUSPENSION AND FOR PRODUCING PAPER FORM THE STABILIZED PULP**  
[54] **PROCEDE SERVANT A STABILISER LE PH D'UNE SUSPENSION DE PATE A PAPIER ET A FABRIQUER DU PAPIER A PARTIR DE CETTE PATE A PAPIER STABILISEE**  
[72] HOLMBERG, ANNA LINNEA, SE  
[72] LEINO, HANNU JUHANI, SE  
[71] AGA AKTIEBOLAG, SE  
[85] 1999-12-07  
[86] 1998-06-12 (PCT/FI98/00509)  
[87] 1998-12-17 (WO98/56988)  
[30] FI (972522) 1997-06-13

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[21] **2,293,406**  
[13] A1

[51] **Int.Cl. 7B60P 7/08**  
[25] EN  
[54] **DEVICE FOR SECURING ARTICLES IN SUCH A WAY THAT THEY CAN BE RELEASED**  
[54] **DISPOSITIF POUR FIXER DE FACON LIBERABLE UNE MARCHANDISE DE DETAIL**  
[72] KRANEN, ROLF, DE  
[71] KRANEN, REGINA, DE  
[85] 1999-12-10  
[86] 1998-06-15 (PCT/DE98/01612)  
[87] 1998-12-23 (WO98/57823)  
[30] DE (197 25 254.0) 1997-06-13

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[21] **2,293,407**  
[13] A1

[51] **Int.Cl. 7C07C 271/00**  
[25] EN  
[54] **NOVEL PENTAERYTHRITE DERIVATIVES, THE PRODUCTION AND USE THEREOF AND INTERMEDIATE PRODUCTS FOR THE SYNTHESIS OF THE SAME**  
[54] **NOUVEAUX DERIVES DE PENTAERYTHRITE, LEUR PRODUCTION, LEUR UTILISATION ET INTERMEDIAIRES POUR LEUR SYNTHESE**  
[72] WINDECK, ANNE-KATRIN, DE  
[72] BROSIG, HOLGER, DE  
[72] HESS, ULRICH, DE  
[72] KONIG, GERD, DE  
[71] ISIS PHARMA GMBH, DE  
[85] 1999-12-07  
[86] 1998-06-11 (PCT/DE98/01635)  
[87] 1998-12-17 (WO98/56759)  
[30] DE (197 25 340.7) 1997-06-11

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[21] **2,293,408**  
[13] A1

[51] **Int.Cl. 7A61K 31/445 7C07D 487/04 7C07D 491/08 7C07D 401/12 7C07D 411/12 7C07D 413/12 7C07D 211/18 7C07D 239/34 7A61K 31/505**  
[25] EN  
[54] **ALPHA 1A ADRENERGIC RECEPTOR ANTAGONISTS**  
[54] **ANTAGONISTES DU RECEPTEUR ADRENERGIQUE ALPHA 1A**  
[72] SELNICK, HAROLD G., US  
[72] BOCK, MARK G., US  
[72] PATANE, MICHAEL A., US  
[71] MERCK & CO., INC., US  
[85] 1999-12-06  
[86] 1998-06-17 (PCT/US98/12673)  
[87] 1998-12-23 (WO98/57641)  
[30] US (60/049,921) 1997-06-18  
[30] GB (9719392.4) 1997-09-11

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,293,409</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E04B 1/26 7F16B 25/10</b> [25] EN [54] <b>CONNECTING ELEMENT FOR CONNECTING AT LEAST TWO WOODEN CONSTRUCTION PARTS AND A JOINT PLATE</b> [54] <b>ELEMENT D'ASSEMBLAGE POUR RELIER AU MOINS DEUX ELEMENTS EN BOIS ET UNE PLAQUE D'ENCOIGNURE</b> [72] MATTLE, PAUL, CH [71] SFS INDUSTRIE HOLDING AG, CH [85] 1999-12-07 [86] 1998-06-02 (PCT/EP98/03266) [87] 1998-12-17 (WO98/56998) [30] DE (197 24 285.5) 1997-06-09</p>	<p style="text-align: right;">[21] <b>2,293,412</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C22C 1/02</b> [25] EN [54] <b>METHOD OF MANUFACTURING ALUMINUM ALLOY FOR FLATTENING MATERIAL AND ALUMINUM ALLOY FLATTENING MATERIAL FOR AUTOMOBILES</b> [54] <b>PROCEDE DE FABRICATION D'ALLIAGE D'ALUMINIUM POUR MATERIAUX A APLATIR ET MATERIAUX A APLATIR D'ALLIAGE D'ALUMINIUM POUR AUTOMOBILES</b> [72] OHYAMA, KOJI, JP [72] BEKKI, YOICHIRO, JP [72] HAYASHI, NOBORU, JP [71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP [71] THE FURUKAWA ELECTRIC CO., LTD., JP [85] 1999-12-06 [86] 1999-04-06 (PCT/JP99/01823) [87] 1999-10-21 (WO99/53110) [30] JP (10/112727) 1998-04-08 [30] JP (10/112728) 1998-04-08</p>	<p style="text-align: right;">[21] <b>2,293,414</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 83/22</b> [25] EN [54] <b>A NOZZLE FOR PRESSURIZED CONTAINERS</b> [54] <b>BUSE POUR RECIPIENTS SOUS PRESSION</b> [72] ODER, RUEBEN, US [72] ROGERS, NEIL JOHN, BE [72] WEAVER, KERRY, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-12-06 [86] 1997-06-05 (PCT/US97/09797) [87] 1998-12-10 (WO98/55378)</p>
<p style="text-align: right;">[21] <b>2,293,410</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B42D 15/10</b> [25] EN [54] <b>METHOD AND DEVICE FOR PUTTING TOGETHER AND ASSEMBLING CARD PLATES AND CARD RACKS</b> [54] <b>PROCEDE ET DISPOSITIF POUR REUNIR ET ASSEMBLER DES CARTES EN PLASTIQUE ET DES SUPPORTS DE CARTE</b> [72] WEINMANN, KARLHEINZ, DE [71] BOWE SYSTEC AG, DE [85] 1999-12-06 [86] 1998-06-15 (PCT/EP98/03604) [87] 1999-02-18 (WO99/07561) [30] DE (197 34 483.6) 1997-08-08</p>	<p style="text-align: right;">[21] <b>2,293,413</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B60R 25/00 7G07C 5/00 7G08G 1/017 7B60R 25/04 7G07C 5/08 7B60R 13/10</b> [25] EN [54] <b>METHOD AND DEVICE FOR IDENTIFYING VEHICLES</b> [54] <b>PROCEDE ET DISPOSITIF D'IDENTIFICATION DE VEHICULES</b> [72] MAES, MARC JOZEF MARIA, BE [72] BUYTAERT, STEVEN HERWIG CYRIEL, BE [71] SMARTMOVE, NAAMLOZE VENNOOTSCHAP, BE [85] 1999-12-06 [86] 1998-06-09 (PCT/BE98/00083) [87] 1998-12-17 (WO98/56626) [30] BE (9700493) 1997-06-10</p>	<p style="text-align: right;">[21] <b>2,293,415</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/00 7A61K 31/40 7A61K 31/70</b> [25] EN [54] <b>COMPOSITIONS FOR TREATING AND PREVENTING ARTERIAL THROMBOSIS AND USE OF A FACTOR XA INHIBITOR ON ITS OWN AND/OR COMBINED WITH A PLATELET ANTIAGGREGATING AGENT</b> [54] <b>INHIBITEUR DU FACTEUR XA SEUL OU EN COMBINAISON AVEC UN ANTIAGREGANT PLAQUETTAIRE, CONTRE LA THROMBOSE ARTERIELLE</b> [72] VAN AMSTERDAM, RONALD, NL [72] HERBERT, JEAN-MARC, FR [72] PETITOU, MAURICE, FR [72] BERNAT, ANDRE, FR [71] AKZO NOBEL N.V., NL [71] SANOFI-SYNTHELABO, FR [85] 1999-12-10 [86] 1998-06-09 (PCT/FR98/01172) [87] 1998-12-17 (WO98/56365) [30] FR (97/07368) 1997-06-13</p>
<p style="text-align: right;">[21] <b>2,293,411</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G08C 21/00</b> [25] EN [54] <b>METHOD AND SYSTEM FOR DIGITIZING HANDWRITING</b> [54] <b>PROCEDE ET SYSTEME DE NUMERISATION DE CARACTERES MANUSCRITS</b> [72] BARON, EHUD, IL [72] GENOSSAR, OMRY, IL [72] KORSENSKY, VICTOR, IL [71] INMOTION TECHNOLOGIES LTD., IL [85] 1999-12-10 [86] 1998-06-25 (PCT/US98/13260) [87] 1999-01-07 (WO99/00780) [30] US (08/885,188) 1997-06-30</p>	<p style="text-align: right;">[21] <b>2,293,416</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04M 3/00</b> [25] EN [54] <b>CASUAL AGENT POOL</b> [54] <b>POOL D'AGENTS OCCASIONNELS</b> [72] CAVE, ELLIS K., US [71] INTERVOICE LIMITED PARTNERSHIP, US [85] 1999-12-06 [86] 1998-06-02 (PCT/US98/11121) [87] 1998-12-10 (WO98/56156) [30] US (08/869,714) 1997-06-05</p>	



## PCT Applications Entering the National Phase

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[21] **2,293,417**  
[13] A1

[51] **Int.Cl. 7A61K 7/48**  
[25] EN  
[54] **METHODS FOR CONTROLLING ENVIRONMENTAL ODORS ON THE BODY USING COMPOSITIONS COMPRISING UNCOMPLEXED CYCLODEXTRINS AND PERFUME**  
[54] **PROCEDES D'ELIMINATION DES ODEURS ENVIRONNEMENTALES SUR LE CORPS A L'AIDE DE COMPOSITIONS COMPRENANT DES CYCLODEXTRINES NON COMPLEXEES ET DU PARFUM**  
[72] DODD, MICHAEL THOMAS, US  
[72] TRINH, TOAN, US  
[72] LUCAS, JULIET M., US  
[72] BARTOLO, ROBERT GREGORY, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-12-06  
[86] 1998-06-08 (PCT/US98/11812)  
[87] 1998-12-17 (WO98/56341)  
[30] US (08/871,166) 1997-06-09  
[30] US (08/871,791) 1997-06-09

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[21] **2,293,419**  
[13] A1

[51] **Int.Cl. 7H04L 12/46 7H04L 29/06**  
[25] EN  
[54] **ARCHITECTURE FOR VIRTUAL PRIVATE NETWORKS**  
[54] **ARCHITECTURE POUR RESEAUX VIRTUELS PRIVES**  
[72] LAWLER, JOHN, US  
[72] BOTS, HENK J., US  
[72] PALMA, DEREK, US  
[72] HUNT, WILLIAM E., US  
[71] VPNET TECHNOLOGIES, INC., US  
[85] 1999-12-10  
[86] 1998-06-11 (PCT/US98/12229)  
[87] 1998-12-17 (WO98/57465)  
[30] US (874,090) 1997-06-12

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[21] **2,293,420**  
[13] A1

[51] **Int.Cl. 7B01J 13/00 7G11C 13/02 7C01B 33/151 7C08J 7/18**  
[25] EN  
[54] **GENERATING INORGANIC POLYMER ELECTRET IN COLLOIDAL STATE**  
[54] **GENERATION D'UN ELECTRET DE POLYMERE INORGANIQUE A L'ETAT COLLOIDAL**  
[72] HOLCOMB, ROBERT R., US  
[71] HOLCOMB, ROBERT R., US  
[85] 1999-12-06  
[86] 1998-06-05 (PCT/US98/11767)  
[87] 1998-12-10 (WO98/55219)  
[30] US (60/048,766) 1997-06-05  
[30] US (60/067,717) 1997-12-08  
[30] US (60/069,065) 1997-12-10  
[30] US (60/085,289) 1998-05-13

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[21] **2,293,421**  
[13] A1

[51] **Int.Cl. 7G02B 7/10 7G02B 13/14**  
[25] EN  
[54] **FOCUS MECHANISM FOR VARIFOCAL LENS**  
[54] **MECANISME FOCAL POUR OBJECTIF A FOCAL VARIABLE**  
[72] KUNZ, KENNETH M., CA  
[72] ZIMMERMAN, JERROLD, US  
[72] WROBEL, LESLIE P., CA  
[71] ALLIEDSIGNAL INC., US  
[85] 1999-12-03  
[86] 1998-05-19 (PCT/US98/10127)  
[87] 1998-12-10 (WO98/55892)  
[30] US (08/870,628) 1997-06-06

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[21] **2,293,422**  
[13] A1

[51] **Int.Cl. 7H04Q 7/20**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING CELLULAR RADIO SERVICE TO STANDARD ANALOG TERMINALS**  
[54] **PROCEDE ET APPAREIL PERMETTANT D'OFFRIR UN SERVICE RADIO CELLULAIRE A DES TERMINAUX ANALOGIQUES STANDARD**  
[72] JANEZ, JOSÉ JAVIER, ES  
[72] AGUIRRE, FERNANDO, ES  
[72] GONI MORENO, JOAQUIN IGNACIO, ES  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-12-06  
[86] 1998-06-05 (PCT/SE98/01076)  
[87] 1998-12-10 (WO98/56193)  
[30] US (08/870,489) 1997-06-06  
[30] US (08/992,802) 1997-12-18

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[21] **2,293,423**  
[13] A1

[51] **Int.Cl. 7B65B 43/04 7B31B 1/18 7B65B 43/26**  
[25] EN  
[54] **A FORMING DEVICE AND METHOD FOR FORMING A HOSE INTO A WEB WITH MUTUALLY SEQUENTIAL PACKAGING BLANKS AND SUCH A HOSE**  
[54] **DISPOSITIF DE FACONNAGE, PROCEDE PERMETTANT DE FACONNER UN TUYAU FLEXIBLE EN UNE BANDE CONTINUE AVEC DES FLANS D'EMBALLAGE MUTUELLEMENT SEQUENTIELS, ET UN TUYAU FLEXIBLE AINSI OBTENU**  
[72] JOSTLER, JAN, SE  
[72] BRODEN, INGEMAR, SE  
[71] JOKER SYSTEM AB, SE  
[85] 1999-12-03  
[86] 1998-05-27 (PCT/SE98/00998)  
[87] 1998-12-10 (WO98/55360)  
[30] SE (9702133-1) 1997-06-05

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## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,293,424</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04B 7/00</b> [25] EN [54] <b>TRANSMIT POWER CONTROL IN A RADIO COMMUNICATION SYSTEM</b> [54] <b>REGLAGE DE LA PUISSANCE D'EMISSION DANS UN SYSTEME DE RADIOCOMMUNICATION</b> [72] BUTOVITSCH, PAUL PETER, SE [72] PERSSON, MAGNUS STIG, SE [72] SANDIN, TOMAS FREDRIK, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-12-06 [86] 1998-06-05 (PCT/SE98/01077) [87] 1998-12-10 (WO98/56120) [30] US (08/870,867) 1997-06-06</p>	<p style="text-align: right;">[21] <b>2,293,427</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E21B 43/14</b> [25] EN [54] <b>SYSTEM FOR DRILLING AND COMPLETING MULTILATERAL WELLS</b> [54] <b>SYSTEME POUR FORER ET ACHEVER DES PUITTS MULTILATERAUX</b> [72] ALLEN, DAVID WAYNE, GB [71] PHILLIPS PETROLEUM COMPANY, US [85] 1999-12-06 [86] 1997-06-09 (PCT/US97/09995) [87] 1998-12-17 (WO98/57031)</p>	<p style="text-align: right;">[21] <b>2,293,430</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B41J 2/02 7B05C 11/00 7B41J 3/00 7B41J 2/175</b> [25] EN [54] <b>A METERING DEVICE FOR PAINT FOR DIGITAL PRINTING</b> [54] <b>DISPOSITIF DE DOSAGE DE PEINTURE POUR IMPRESSION NUMERIQUE</b> [72] ANDERSON, DEAN ROBERT GARY, US [71] ANDERSON, DEAN ROBERT GARY, US [85] 1999-12-10 [86] 1998-06-10 (PCT/US98/12188) [87] 1998-12-23 (WO98/57756) [30] US (08/878,650) 1997-06-19</p>
<p style="text-align: right;">[21] <b>2,293,425</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38</b> [25] EN [54] <b>TAILORED HIERARCHICAL CELL STRUCTURES IN A COMMUNICATIONS SYSTEM</b> [54] <b>STRUCTURES CELLULAIRES HIERARCHIQUES PERSONNALISEES DANS UN SYSTEME DE COMMUNICATION</b> [72] FRIED, TOMAS, SE [72] HERMANSSON, STEN, SE [72] WESTERBERG, ERIK, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-12-06 [86] 1998-06-05 (PCT/SE98/01074) [87] 1998-12-10 (WO98/56207) [30] US (08/872,065) 1997-06-06</p>	<p style="text-align: right;">[21] <b>2,293,428</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C05F 3/00 7C05G 5/00 7C05F 3/02 7C05F 3/06</b> [25] EN [54] <b>APPARATUS/PROCESS FOR PRODUCING LIQUID FERTILISER</b> [54] <b>APPAREIL/PROCEDE DE PRODUCTION D'ENGRAIS LIQUIDE</b> [72] NUNN, GARRY ROBERT, AU [71] NUNN, GARRY ROBERT, AU [85] 1999-12-06 [86] 1998-06-09 (PCT/AU98/00435) [87] 1998-12-10 (WO98/55427) [30] AU (PO 7206) 1997-06-06</p>	<p style="text-align: right;">[21] <b>2,293,431</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 11/02 7C07C 7/152</b> [25] EN [54] <b>PROCESS FOR SEPARATING LINEAR ALPHA OLEFINS FROM 2-BRANCHED AND/OR 3-BRANCHED ALPHA OLEFINS</b> [54] <b>PROCEDE PERMETTANT DE SEPARER LES ALPHA-OLEFINES LINEAIRES DES ALPHA-OLEFINES RAMIFIEES EN POSITION 2 ET/OU 3</b> [72] FENOUIL, LAURENT ALAIN, US [72] FONG, HOWARD LAM-HO, US [72] SLAUGH, LYNN HENRY, US [71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL [85] 1999-12-10 [86] 1998-06-15 (PCT/EP98/03703) [87] 1998-12-23 (WO98/57911) [30] US (08/876822) 1997-06-16 [30] US (08/987553) 1997-12-09</p>
<p style="text-align: right;">[21] <b>2,293,426</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 21/64</b> [25] EN [54] <b>METHOD AND APPARATUS FOR DETECTING MICROPARTICLES IN FLUID SAMPLES</b> [54] <b>PROCEDE ET DISPOSITIF POUR DECELER DES MICROPARTICULES DANS DES ECHANTILLONS DE FLUIDES</b> [72] GOIX, PHILIPPE, US [71] GUAVA TECHNOLOGIES, INC., US [85] 1999-12-06 [86] 1998-06-09 (PCT/US98/11958) [87] 1998-12-17 (WO98/57152) [30] US (60/049,012) 1997-06-09</p>	<p style="text-align: right;">[21] <b>2,293,429</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 38/48 7A01N 37/36</b> [25] EN [54] <b>METHODS FOR TREATING THROMBOTIC DISORDERS</b> [54] <b>PROCEDE DE TRAITEMENT DE TROUBLES THROMBOTIQUES</b> [72] JAKUBOWSKI, JOSEPH ANTHONY, US [72] GRINNELL, BRIAN WILLIAM, US [71] ELI LILLY AND COMPANY, US [85] 1999-12-06 [86] 1998-06-01 (PCT/US98/11071) [87] 1998-12-10 (WO98/55142) [30] US (60/048,628) 1997-06-05</p>	<p style="text-align: right;">[21] <b>2,293,432</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F04B 49/02</b> [25] EN [54] <b>ACTUATOR VALVE FOR PRESSURE SWITCH FOR A HYDRAULIC SYSTEM</b> [54] <b>ACTIONNEUR A SOUPEPE POUR COMMUTEUR DE PRESSION D'UN SYSTEME HYDRAULIQUE</b> [72] SNEL, FRED, NL [72] BEEKHUIS, STEFAN, NL [71] FLEXCON INDUSTRIES, US [85] 1999-12-06 [86] 1998-06-04 (PCT/US98/11559) [87] 1998-12-17 (WO98/57065) [30] US (60/049,234) 1997-06-09</p>

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[21] **2,293,433**  
[13] A1

[51] **Int.Cl. 7C07D 401/04 7C07D 401/14 7A61K 31/435**  
[25] EN  
[54] **BENZO(5,6)CYCLOHEPTA(1,2-B)PYRIDINE DERIVATIVES AS FARNESYL PROTEIN TRANSFERASE INHIBITORS**  
[54] **DERIVES DE BENZO(5,6)CYCLOHEPTA(1,2-B)PYRIDINE S'UTILISANT COMME INHIBITEURS DE TRANSFERASE DE PROTEINE DE FARNESYL**  
[72] RANE, DINANATH F., US  
[72] GUZI, TIMOTHY J., US  
[71] SCHERING CORPORATION, US  
[85] 1999-12-10  
[86] 1998-06-15 (PCT/US98/11499)  
[87] 1998-12-23 (WO98/57945)  
[30] US (08/876,507) 1997-06-17

[21] **2,293,434**  
[13] A1

[51] **Int.Cl. 7B65D 83/14 7B05B 11/00**  
[25] EN  
[54] **VALVE FOR A PRESSURIZED CONTAINER**  
[54] **SOUPAPE POUR RECIPIENT PRESSURISE**  
[72] ETESSE, PATRICK JEAN-FRANÇOIS, BE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-12-10  
[86] 1998-06-12 (PCT/IB98/00926)  
[87] 1998-12-23 (WO98/57871)  
[30] EP (97201826.1) 1997-06-14

[21] **2,293,435**  
[13] A1

[51] **Int.Cl. 7H04L 12/46 7H04L 29/06**  
[25] EN  
[54] **AN APPARATUS FOR IMPLEMENTING VIRTUAL PRIVATE NETWORKS**  
[54] **APPAREIL DE MISE EN OEUVRE DE RESEAUX VIRTUELS PRIVES**  
[72] GILBRECH, SIDNEY A., US  
[71] VPNET TECHNOLOGIES, INC., US  
[85] 1999-12-10  
[86] 1998-06-11 (PCT/US98/12226)  
[87] 1998-12-17 (WO98/57464)  
[30] US (874,091) 1997-06-12

[21] **2,293,436**  
[13] A1

[51] **Int.Cl. 7C07D 405/14 7C07C 247/04 7C07D 401/04 7C07D 403/04 7C07D 493/10 7C07D 413/14 7C07D 493/14 7C07C 233/18 7C07C 31/20 7A61K 31/44 7A61K 31/505**  
[25] EN  
[54] **IMIDAZOLYL-CYCLIC ACETALS**  
[54] **ACETALS CYCLIQUES**  
**IMIDAZOLYLE**  
[72] McKENNA, JEFFREY MARK, GB  
[72] COLLIS, ALAN JOHN, GB  
[72] BAMBOROUGH, PAUL LINDSAY, GB  
[72] RATCLIFFE, ANDREW JAMES, GB  
[72] PORTER, BARRY, GB  
[72] LYTHGOE, DAVID JOHN, GB  
[72] McLAY, IAIN McFARLANE, GB  
[72] WALLACE, PAUL ANDREW, GB  
[72] LEWIS, RICHARD ALAN, GB  
[72] HALLEY, FRANK, GB  
[71] RHONE-POULENC RORER LIMITED, GB  
[85] 1999-12-10  
[86] 1998-06-12 (PCT/GB98/01711)  
[87] 1998-12-17 (WO98/56788)  
[30] GB (9712270.9) 1997-06-12  
[30] US (60/052,185) 1997-07-10  
[30] GB (9724678.9) 1997-11-21  
[30] US (60/085,499) 1998-05-14

[21] **2,293,437**  
[13] A1

[51] **Int.Cl. 7G12B 17/00 7A61N 1/16**  
[25] EN  
[54] **METHOD FOR PROTECTING A PERSON AGAINST THE ACTION OF ARTIFICIAL ELECTROMAGNETIC RADIATION AND DEVICE FOR REALISING THE SAME**  
[54] **PROCEDE DE PROTECTION D'UNE PERSONNE CONTRE L'ACTION DE RAYONNEMENTS ELECTROMAGNETIQUES ARTIFICIELS ET DISPOSITIF DE MISE EN OEUVRE DE CE PROCEDE**  
[72] STUART, PETER IGOREVICH, RU  
[72] ZUBOVA, NATALIYA BORISOVNA, RU  
[72] STUART, IRINA IGOREVAN, RU  
[71] STUART, PETER IGOREVICH, RU  
[71] ZUBOVA, NATALIYA BORISOVNA, RU  
[71] STUART, IRINA IGOREVAN, RU  
[85] 1999-12-10  
[86] 1998-04-15 (PCT/RU98/00109)  
[87] 1999-10-21 (WO99/53501)

[21] **2,293,438**  
[13] A1

[51] **Int.Cl. 7G07F 7/06**  
[25] EN  
[54] **RECYCLING MACHINE WITH CONTAINER COMPACTING SYSTEM**  
[54] **MACHINE A RECYCLER DOTEE D'UN SYSTEME DE COMPACTAGE DE RECIPIENTS**  
[72] KIVA, KRIS M., US  
[72] ALDRICH, STUART R., US  
[72] COYNE, JOHN A., US  
[71] CAN & BOTTLE SYSTEMS, INC., US  
[85] 1999-12-10  
[86] 1998-06-08 (PCT/US98/11768)  
[87] 1998-12-17 (WO98/57308)  
[30] US (08/872,515) 1997-06-10

[21] **2,293,439**  
[13] A1

[51] **Int.Cl. 7A61K 45/00 7A61K 39/00 7A61P 31/00 7A61K 38/16 7A61K 31/715**  
[25] EN  
[54] **GANGLIOSIDE IMMUNOSTIMULATING COMPLEXES AND USES THEREOF**  
[54] **COMPLEXES IMMUNOSTIMULANTS A BASE DE GANGLIOSIDES ET LEURS UTILISATIONS**  
[72] SJOLANDER, SIGRID ELISABET, AU  
[72] COX, JOHN COOPER, AU  
[72] RONNBERG, BENGT JOHN, AU  
[71] CSL LIMITED, AU  
[85] 1999-12-10  
[86] 1998-06-12 (PCT/AU98/00453)  
[87] 1998-12-17 (WO98/56420)  
[30] AU (PO 7329) 1997-06-12

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[21] **2,293,440**  
[13] A1

[51] **Int.Cl. 7C07D 495/14 7A61K 31/505**  
[25] EN  
[54] **3-SUBSTITUTED PYRIDO -3',4':4,5| THIENO -2,3-D| PYRIMIDINE DERIVATIVES, AND PRODUCTION AND USE OF THE SAME**  
[54] **DERIVES DE PYRIDO -3',4':4,5| THIENO -2,3-D| PYRIMIDINE 3-SUBSTITUES, LEUR PREPARATION ET LEUR UTILISATION**  
[72] DULLWEBER, UTA, DE  
[72] STEINER, GERD, DE  
[72] STARCK, DOROTHEA, DE  
[72] EMLING, FRANZ, DE  
[72] WICKE, KARSTEN, DE  
[72] TESCHENDORF, HANS-JURGEN, DE  
[72] GARCIA-LADONA, FRANCISCO-JAVIER, DE  
[72] BACH, ALFRED, DE  
[71] BASF AKTIENGESSELLSCHAFT, DE  
[85] 1999-12-09  
[86] 1998-05-29 (PCT/EP98/03231)  
[87] 1998-12-17 (WO98/56793)  
[30] DE (19724979.5) 1997-06-13

[21] **2,293,441**  
[13] A1

[51] **Int.Cl. 7B60T 8/00 7B60K 41/20 7B60T 8/92**  
[25] EN  
[54] **BRAKING SYSTEM FOR VEHICLES**  
[54] **SYSTEME DE FREINAGE POUR VEHICULES**  
[72] YOSHINO, YASUNORI, JP  
[72] OHTOMO, AKIHIRO, JP  
[72] SHIRAI, KENJI, JP  
[72] INOUE, HIDEYUKI, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[85] 1999-12-09  
[86] 1998-07-06 (PCT/JP98/03027)  
[87] 1999-01-21 (WO99/02384)  
[30] JP (9/200906) 1997-07-10  
[30] JP (9-287779) 1997-10-03

[21] **2,293,442**  
[13] A1

[51] **Int.Cl. 7A47K 10/42 7E05C 9/00 7E05B 17/14**  
[25] EN  
[54] **TAMPER RESISTANT ROTATIONAL LOCKING MECHANISM FOR AN ENCLOSURE**  
[54] **SYSTEME INVOLABLE DE VERROUILLAGE PAR ROTATION POUR UNE ENCEINTE**  
[72] TRAMONTINA, PAUL F., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 1999-12-09  
[86] 1998-06-26 (PCT/US98/13347)  
[87] 1999-01-07 (WO99/00045)  
[30] US (08/883,944) 1997-06-27

[21] **2,293,443**  
[13] A1

[51] **Int.Cl. 7C07C 2/66**  
[25] EN  
[54] **PROCESS TO ALKYLATE AN AROMATIC WITH A DILUTE STREAM COMPRISING PROPYLENE AND ETHYLENE**  
[54] **PROCEDE POUR ALKYLER UN AROMATIQUE AVEC UN COURANT DILUE CONTENANT DU PROPYLENE ET DE L'ETHYLENE**  
[72] WRISTERS, JOS P., US  
[72] LATTNER, JAMES R., US  
[72] HENDRIKSEN, DAN E., US  
[71] EXXON CHEMICAL PATENTS, INC., US  
[85] 1999-12-09  
[86] 1998-08-18 (PCT/US98/17075)  
[87] 1999-02-25 (WO99/08984)  
[30] US (60/055,999) 1997-08-18

[21] **2,293,444**  
[13] A1

[51] **Int.Cl. 7A61K 39/39**  
[25] EN  
[54] **OIL IN WATER VACCINE COMPOSITIONS**  
[54] **COMPOSITIONS DE VACCINS HUILE-DANS-EAU**  
[72] GARCON, NATHALIE, BE  
[72] MOMIN, PATRICIA MARIE CHRISTINE ALINE FRANÇOISE, BE  
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE  
[85] 1999-12-09  
[86] 1998-06-03 (PCT/EP98/03479)  
[87] 1998-12-17 (WO98/56414)  
[30] GB (9711990.3) 1997-06-11

[21] **2,293,445**  
[13] A1

[51] **Int.Cl. 7G02F 1/35**  
[25] EN  
[54] **METHOD AND DEVICE FOR SWITCHING, AMPLIFICATION, CONTROLLING AND MODULATION OF OPTICAL RADIATION**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE COMMUTER, D'AMPLIFIER, DE COMMANDER ET DE MODULER UN RAYONNEMENT OPTIQUE**  
[72] MAIER, ALEXANDR ALEXANDROVICH, RU  
[71] MAIER OPTICAL RESEARCH AND TECHNOLOGIES GMBH, CH  
[85] 1999-12-09  
[86] 1998-06-11 (PCT/RU98/00178)  
[87] 1998-12-17 (WO98/57230)  
[30] RU (97109964) 1997-06-13  
[30] RU (97119146) 1997-11-20  
[30] RU (98102884) 1998-02-17

[21] **2,293,446**  
[13] A1

[51] **Int.Cl. 7C08J 9/00**  
[25] EN  
[54] **PRODUCTION OF POLYORGANOPHOSPHAZENES HAVING DESIRED MOLECULAR WEIGHTS**  
[54] **PRODUCTION DE POLYORGANOPHOSPHAZENES AYANT UN POIDS MOLECULAIRE DESIRE**  
[72] ANDRIANOV, ALEXANDER K., US  
[72] LEGOLVAN, MARK P., US  
[72] SULE, SAMEER S., US  
[72] SVIRKIN, YURI, US  
[71] AVANT IMMUNOTHERAPEUTICS, INC., US  
[85] 1999-12-09  
[86] 1998-05-28 (PCT/US98/10823)  
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[13] A1  
[51] **Int.Cl. 7C08G 73/10 7C08K 3/04 7C08L 79/08**  
[25] EN  
[54] **OXIDATIVELY STABLE RIGID AROMATIC POLYIMIDE COMPOSITIONS AND PROCESS FOR THEIR PREPARATION**  
[54] **COMPOSITONS DE POLYIMIDES AROMATIQUES RIGIDES STABLES A L'OXYDATION ET LEUR PROCEDE DE PREPARATION**  
[72] DECOLIBUS, RAYMOND LEW, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1999-12-09  
[86] 1998-06-30 (PCT/US98/13607)  
[87] 1999-01-14 (WO99/01497)  
[30] US (08/886,233) 1997-07-01

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[13] A1  
[51] **Int.Cl. 7C07C 209/16**  
[25] EN  
[54] **METHOD OF MAKING METHYLAMINES USING CHABAZITE CATALYSTS**  
[54] **PROCEDE DE FABRICATION DE METHYLAMINES AU MOYEN DE CATALYSEURS A BASE DE CHABASITE**  
[72] LOBO, RAUL FRANCISCO, US  
[72] CORBIN, DAVID RICHARD, US  
[72] SCHWARZ, STEPHAN, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1999-12-09  
[86] 1998-06-30 (PCT/US98/13502)  
[87] 1999-01-21 (WO99/02483)  
[30] US (60/051,905) 1997-07-08  
[30] US (60/064,493) 1997-11-05

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[51] **Int.Cl. 7C07D 277/34 7C07D 271/07 7C07D 263/20 7A61K 31/41 7A61K 31/42 7A61K 31/425**  
[25] EN  
[54] **NEW THIAZOLIDINEDIONE, OXAZOLIDINEDIONE AND OXADIAZOLIDINEDIONE DERIVATIVES**  
[54] **NOUVEAUX THIAZOLIDINEDIONES, OXAZOLIDINEDIONES ET DERIVES D'OXAZOLIDINEDIONES**  
[72] NORDÉN, BO, SE  
[72] BOIJE, MARIA, SE  
[72] LINDSTEDT, EVA-LOTTE, SE  
[72] ANDERSSON, KJELL, SE  
[72] LJUNG, BENGT, SE  
[71] ASTRA AKTIEBOLAG, SE  
[85] 1999-12-09  
[86] 1998-06-04 (PCT/SE98/01066)  
[87] 1998-12-23 (WO98/57941)  
[30] SE (9702305-5) 1997-06-17

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[21] **2,293,450**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **SYSTEM AND METHOD FOR DETECTING UNAUTHORIZED USE OF A CELLULAR TELEPHONE**  
[54] **SYSTEME ET PROCEDE DE DETECTION DES UTILISATIONS NON AUTORISEES DES TELEPHONES CELLULAIRES**  
[72] THURLEY, RICHARD N., US  
[71] NORTEL NETWORKS CORPORATION, CA  
[85] 1999-12-09  
[86] 1998-06-10 (PCT/CA98/00572)  
[87] 1998-12-17 (WO98/57514)  
[30] US (08/872,879) 1997-06-11

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[13] A1  
[51] **Int.Cl. 7C07C 311/00**  
[25] EN  
[54] **MICROBICIDAL N-SULFONYLGLYCIN ALKYNILOXYPHENEMETHYL AMIDE DERIVATIVES**  
[54] **DERIVES DE N-SULFONYLGLYCINE ALKYNILOXYPHENEMETHYL AMIDE MICROBICIDES**  
[72] ZELLER, MARTIN, CH  
[72] JEANGUENAT, ANDRÉ, CH  
[71] NOVARTIS AG, CH  
[85] 1999-12-09  
[86] 1998-08-04 (PCT/EP98/04849)  
[87] 1999-02-18 (WO99/07674)  
[30] CH (1864/97) 1997-08-06

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[13] A1  
[51] **Int.Cl. 7B68C 3/00**  
[25] EN  
[54] **EASY MOUNT STIRRUP**  
[54] **ETRIER FACILE A INSTALLER**  
[72] BURKE, EARL P., JR., US  
[71] BURKE, EARL P., JR., US  
[85] 1999-12-10  
[86] 1998-06-23 (PCT/US98/13148)  
[87] 1998-12-30 (WO98/58873)  
[30] US (60/050,775) 1997-06-25

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[13] A1  
[51] **Int.Cl. 7C07H 15/252 7A61K 31/70**  
[25] EN  
[54] **13-DIHYDRO-3'AZIRIDINO ANTHRACYCLINES**  
[54] **ANTHRACYCLINES 13-DIHYDRO-3'AZIRIDINO**  
[72] CARUSO, MICHELE, IT  
[72] RIPAMONTI, MARINA, IT  
[72] GERONI, MARIA CRISTINA, IT  
[72] SUARATO, ANTONINO, IT  
[71] PHARMACIA & UPJOHN S.P.A., IT  
[85] 1999-12-09  
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[13] A1  
[51] **Int.Cl. 7B60J 3/00 7G06F 19/00 7B60R 11/00 7G02F 1/1333 7G06F 1/16**  
[25] EN  
[54] **LIQUID CRYSTAL DISPLAY IN A SUN VISOR**  
[54] **DISPOSITIF D’AFFICHAGE A CRISTAUX LIQUIDES DANS UN PARE-SOLEIL**  
[72] DE SCHRIJVER, STEFAAN A., US  
[71] LCI COMPUTER GROUP, N.V., NL  
[85] 1999-12-09  
[86] 1998-06-12 (PCT/US98/12080)  
[87] 1998-12-17 (WO98/57216)  
[30] US (08/873,505) 1997-06-12

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[13] A1  
[51] **Int.Cl. 7A61M 5/50 7A61M 5/32**  
[25] FR  
[54] **SERINGUE A AIGUILLE AUTO-ESCAMOTABLE**  
[54] **SELF-RETRACTING SYRINGE NEEDLE**  
[72] BONNET, JEAN PIERRE, FR  
[71] BONNET, JEAN PIERRE, FR  
[71] BLUE STAR CORPORATION, UY  
[85] 1999-12-09  
[86] 1998-06-09 (PCT/FR98/01177)  
[87] 1998-12-17 (WO98/56442)  
[30] FR (97/07185) 1997-06-10

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[21] **2,293,460**  
[13] A1  
[51] **Int.Cl. 7G06K 19/077**  
[25] FR  
[54] **PROCEDE DE FABRICATION DE CARTE A PUCE SANS CONTACT**  
[54] **METHOD FOR MAKING A CONTACTLESS SMART CARD**  
[72] TURIN, JOEL, FR  
[72] LAMBERT, VINCENT, FR  
[72] BOCCIA, HENRI, FR  
[71] GEMPLUS S.C.A., FR  
[85] 1999-12-09  
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[87] 1998-12-17 (WO98/57298)  
[30] FR (97/07191) 1997-06-10

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[13] A1  
[51] **Int.Cl. 7H05B 41/00**  
[25] EN  
[54] **POWER SUPPLY FOR HYBRID ILLUMINATION SYSTEM**  
[54] **ALIMENTATION ELECTRIQUE POUR UN SYSTEME D’ECLAIRAGE HYBRIDE**  
[72] ZINKLER, VICTOR, IL  
[72] SCHREIBER, ZVI, IL  
[72] BARAK, SHAUL, IL  
[72] ROMANO, SHAFRIR, IL  
[71] LIGHTTECH ELECTRONICS INDUSTRIES LTD., IL  
[85] 1999-12-14  
[86] 1998-06-16 (PCT/IL98/00283)  
[87] 1998-12-23 (WO98/58525)  
[30] IL (121089) 1997-06-16  
[30] IL (121927) 1997-10-09

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[13] A1  
[51] **Int.Cl. 7H04N 7/24**  
[25] EN  
[54] **IMAGE PROCESSOR AND IMAGE PROCESSING METHOD**  
[54] **PROCESSEUR D’IMAGES ET PROCEDE DE TRAITEMENT D’IMAGES**  
[72] TOJIMA, MASAYOSHI, JP  
[72] KUROMARU, SHUNICHI, JP  
[72] KOHASHI, YASUO, JP  
[72] FUJIMOTO, HITOSHI, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 1999-12-10  
[86] 1998-06-11 (PCT/JP98/02581)  
[87] 1998-12-23 (WO98/58495)  
[30] JP (9-158843) 1997-06-16

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[13] A1  
[51] **Int.Cl. 7C07F 7/08 7A61K 31/695**  
[25] EN  
[54] **ALKYL-4-SILYLHETEROCYCLIC PHENOLS AND THIOPHENOLS AS ANTIOXIDANT AGENTS**  
[54] **THIOPHENOLS ET PHENOLS ALKYL-4-SILYLHETEROCYCLIQUES UTILISES COMME AGENTS ANTIOXYDANTS**  
[72] YATES, MARK T., US  
[72] VAAL, MARK J., US  
[72] BUSCH, STEVEN J., US  
[72] CHEN, KIM S., US  
[72] EDWARDS, MICHAEL L., US  
[72] PARKER, ROGER A., US  
[72] WRIGHT, PAUL S., US  
[72] MATT, JAMES E., JR., US  
[71] HOECHST MARION ROUSSEL, INC., US  
[85] 1999-12-10  
[86] 1998-05-21 (PCT/US98/10510)  
[87] 1998-12-30 (WO98/58938)  
[30] US (08/881,627) 1997-06-24

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[21] **2,293,456**  
[13] A1  
[51] **Int.Cl. 7G02F 1/1339 7G02F 1/1345**  
[25] EN  
[54] **METHOD OF ARRANGING PARTICULATES LIQUID CRYSTAL DISPLAY, AND ANISOTROPIC CONDUCTIVE FILM**  
[54] **PROCEDES DE DISPOSITION DES PARTICULES D’UN AFFICHAGE A CRISTAUX LIQUIDES ET FILM CONDUCTEUR ANISOTROPE**  
[72] NAKATANI, HIROYUKI, JP  
[72] TATENO, AKIHIKO, JP  
[71] SEKISUI CHEMICAL CO., LTD., JP  
[85] 1999-12-10  
[86] 1998-06-15 (PCT/JP98/02614)  
[87] 1998-12-17 (WO98/57224)  
[30] JP (9-156714) 1997-06-13  
[30] JP (9-257081) 1997-09-22  
[30] JP (9-338613) 1997-12-09

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[13] A1  
[51] **Int.Cl. 7C07D 203/14**  
[25] EN  
[54] **PROCESS FOR PREPARING 4-SUBSTITUTED-1H-INDOLE-3-GLYOXAMIDES**  
[54] **PROCEDE RELATIF A L’ELABORATION DE 1H-INDOLE-3-GLYOXAMIDES SUBSTITUES**  
[72] MARTINELLI, MICHAEL JOHN, US  
[72] PAWLAK, JOSEPH MATTHEW, US  
[72] KHAU, VIEN VAN, US  
[71] ELI LILLY AND COMPANY, US  
[85] 1999-12-14  
[86] 1998-06-22 (PCT/US98/12173)  
[87] 1999-01-07 (WO99/00360)  
[30] US (60/050,877) 1997-06-26  
[30] US (60/050,891) 1997-06-26

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[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **INTERACTIVE MORTGAGE AND LOAN INFORMATION AND REAL-TIME TRADING SYSTEM**  
[54] **SYSTEME INTERACTIF ASSURANT L'INFORMATION SUR LES PRETS HYPOTHECAIRES ET LES PRETS, ET LES TRANSACTIONS EN TEMPS REEL**  
[72] FRASER, STEPHEN K., US  
[72] PAYANKANNUR, SURESH, US  
[72] ADIGA, SADASHIV, US  
[71] IMX, INC., US  
[85] 1999-12-14  
[86] 1998-09-11 (PCT/US98/18934)  
[87] 1999-03-18 (WO99/13425)  
[30] US (08/928,559) 1997-09-12

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[21] **2,293,463**  
[13] A1

[51] **Int.Cl. 7A63F 13/06**  
[25] EN  
[54] **VIDEO CRANE GAME**  
[54] **JEU DE PREHENSION VIDEO**  
[72] SHOEMAKER, STEPHEN P., JR., US  
[71] SHOEMAKER, STEPHEN P., JR., US  
[85] 1999-12-03  
[86] 1998-06-04 (PCT/US98/11670)  
[87] 1998-12-10 (WO98/55192)  
[30] US (08/871,852) 1997-06-04

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[21] **2,293,464**  
[13] A1

[51] **Int.Cl. 7A01D 78/00 7A01D 80/00**  
[25] EN  
[54] **DISASSEMBLABLE HAY RAKE**  
[54] **RATEAU ANDAINEUR DEMONTABLE**  
[72] MENICETTI, SILVANO, IT  
[72] PETTURITI, SAURO, IT  
[71] SITREX S.R.L., IT  
[85] 1999-12-09  
[86] 1999-06-08 (PCT/IB99/01060)  
[87] 1999-12-16 (WO99/63803)  
[30] US (09/094,074) 1998-06-09

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[13] A1

[51] **Int.Cl. 7H04B 7/216 7H04B 1/69**  
[25] EN  
[54] **DEVICE AND METHOD FOR REDUCING THE PEAK-TO-AVERAGE POWER RATIO OF A MOBILE STATION'S TRANSMIT POWER**  
[54] **DISPOSITIF ET PROCEDE DESTINES A REDUIRE LE RAPPORT PUISSANCE DE CRETE/PUISSANCE MOYENNE DE LA PUISSANCE D'EMISSION D'UNE STATION MOBILE**  
[72] YEOM, JAE HEUNG, KR  
[72] KIM, JE WOO, KR  
[72] HWANG, YOUNG JUN, KR  
[72] YOON, SOON YOUNG, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 1999-12-14  
[86] 1999-05-12 (PCT/KR99/00234)  
[87] 1999-11-18 (WO99/59265)  
[30] KR (1998/17046) 1998-05-12

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[21] **2,293,466**  
[13] A1

[51] **Int.Cl. 7F01P 7/02**  
[25] EN  
[54] **ENGINE COOLING SYSTEM AND METHOD WITH TEMPERATURE-CONTROLLED EXPANSION CHAMBER**  
[54] **PROCEDE ET SYSTEME DE REFROIDISSEMENT DE MOTEUR COMPORTANT UNE CHAMBRE DE DETENTE A TEMPERATURE REGLEE**  
[72] EVANS, JOHN W., US  
[71] EVANS COOLING SYSTEMS, INC., US  
[85] 1999-12-10  
[86] 1998-06-10 (PCT/US98/12326)  
[87] 1998-12-17 (WO98/57052)  
[30] US (08/872,846) 1997-06-11

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[13] A1

[51] **Int.Cl. 7C08F 10/00 7C08F 2/34**  
[25] EN  
[54] **POLYMERISATION PROCESS**  
[54] **PROCESSUS DE POLYMERISATION**  
[72] DAIRE, ERICK DOMINIQUE, FR  
[72] LALANNE-MAGNE, CLAUDINE VIVIANE, FR  
[72] SOULIER, BRUNO PATRICE, FR  
[72] ISNARD, JEAN-PIERRE, FR  
[71] BP CHEMICALS LIMITED, GB  
[85] 1999-12-09  
[86] 1998-06-04 (PCT/GB98/01639)  
[87] 1999-01-07 (WO99/00430)  
[30] EP (97430017.0) 1997-06-27

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[21] **2,293,468**  
[13] A1

[51] **Int.Cl. 7H04Q 3/00**  
[25] EN  
[54] **A TELECOMMUNICATIONS PERFORMANCE MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE PERFORMANCES EN TELECOMMUNICATIONS**  
[72] NEWCOMBE, ADRIAN, IE  
[72] SERAJ, JILA, IE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-12-14  
[86] 1998-04-01 (PCT/IE98/00024)  
[87] 1998-12-23 (WO98/58501)  
[30] IE (970448) 1997-06-16

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[21] **2,293,469**  
[13] A1

[51] **Int.Cl. 7A61F 2/06**  
[25] EN  
[54] **ENHANCED FLEXIBILITY SURGICAL STENT**  
[54] **PROTHESE ENDOVASCULAIRE CHIRURGICALE A FLEXIBILITE AMELIOREE**  
[72] FRANTZEN, JOHN J., US  
[71] GLOBAL THERAPEUTICS, INC., US  
[85] 1999-12-10  
[86] 1998-06-12 (PCT/US98/12243)  
[87] 1998-12-17 (WO98/56313)  
[30] US (08/874,975) 1997-06-13

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[13] A1

[51] **Int.Cl. 7C07C 213/06 7C07C 291/02 7C07D 261/02 7C07C 213/08 7C07C 239/10**  
[25] EN  
[54] **PREPARATION AND USES OF N-METHYLNITRONE**  
[54] **PREPARATION ET UTILISATIONS DE N-METHYLNITRONE**  
[72] THERIOT, KEVIN J., US  
[71] ALBEMARLE CORPORATION, US  
[85] 1999-12-10  
[86] 1998-06-12 (PCT/US98/12265)  
[87] 1998-12-17 (WO98/56753)  
[30] US (873,606) 1997-06-12

[21] **2,293,473**  
[13] A1

[51] **Int.Cl. 7C08L 23/16 7C09J 123/16 7C09J 123/20 7C08L 23/20**  
[25] EN  
[54] **LOW MODULUS ELASTOMER**  
[54] **ELASTOMERE A FAIBLE MODULE**  
[72] CHANG, RONG JONG, US  
[71] TYCO ELECTRONICS CORPORATION, US  
[85] 1999-12-14  
[86] 1998-06-02 (PCT/US98/11122)  
[87] 1998-12-23 (WO98/58021)  
[30] US (08/876,270) 1997-06-16

[21] **2,293,474**  
[13] A1

[51] **Int.Cl. 7A61L 27/00**  
[25] EN  
[54] **TREATING BIOLOGICAL TISSUE TO MITIGATE CALCIFICATION**  
[54] **TRAITEMENT DES TISSUS BIOLOGIQUES POUR REDUIRE LA CALCIFICATION**  
[72] CARPENTIER, ALAIN F., FR  
[72] SCHRECK, STEFAN G., FR  
[72] WANG, JONG H., FR  
[72] CARPENTIER, SOPHIE, FR  
[72] PACKHAM, VICTOR S., FR  
[72] QUINTERO, LILLIAN J., FR  
[71] BAXTER INTERNATIONAL INC., US  
[85] 1999-12-09  
[86] 1998-05-18 (PCT/US98/10017)  
[87] 1998-12-17 (WO98/56432)  
[30] US (08/874,180) 1997-06-13

[21] **2,293,475**  
[13] A1

[51] **Int.Cl. 7G01W 1/16**  
[25] EN  
[54] **METEOROLOGICAL ELECTROMAGNETIC MEASURING SYSTEM**  
[54] **SYSTEME DE MESURE ELECTROMAGNETIQUE POUR LA METEOROLOGIE**  
[72] PABST, MICHAEL J., DE  
[72] GEISLER, MICHAEL, DE  
[72] BUGLA, GREGOR, DE  
[71] SPHERICS MESS- UND ANALYSETECHNIK GMBH, DE  
[85] 1999-12-14  
[86] 1998-06-12 (PCT/EP98/03563)  
[87] 1998-12-23 (WO98/58279)  
[30] DE (197 25 212.5) 1997-06-15

[21] **2,293,476**  
[13] A1

[51] **Int.Cl. 7B01J 31/10 7C07C 2/66**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF A CATALYTIC MICROCOMPOSITE FROM A SILICATE AND A HIGHLY FLUORINATED ION EXCHANGE RESIN**  
[54] **PREPARATION D'UN MICROCOMPOSITE CATALYTIQUE A PARTIR D'UN SILICATE ET D'UNE RESINE ECHANGEUSE D'IONS HAUTEMENT FLUOREE**  
[72] HARMER, MARK ANDREW, US  
[72] SUN, QUN, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1999-12-09  
[86] 1998-07-29 (PCT/US98/15760)  
[87] 1999-02-11 (WO99/06145)  
[30] US (60/054,102) 1997-07-29

[21] **2,293,477**  
[13] A1

[51] **Int.Cl. 7G06E 1/00 7G06E 3/00**  
[25] EN  
[54] **DYNAMIC SYNAPSE FOR SIGNAL PROCESSING IN NEURAL NETWORKS**  
[54] **SYNAPSE DYNAMIQUE PERMETTANT UN TRAITEMENT DE SIGNAUX DANS DES RESEAUX NEURONAUX**  
[72] BERGER, THEODORE W., US  
[72] LIAW, JIM-SHIH, US  
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US  
[85] 1999-12-10  
[86] 1998-06-11 (PCT/US98/12088)  
[87] 1998-12-17 (WO98/57245)  
[30] US (60/049,754) 1997-06-11

[21] **2,293,478**  
[13] A1

[51] **Int.Cl. 7G01N 33/68 7G01N 33/50**  
[25] EN  
[54] **METHOD FOR PREDICTING DRUG RESPONSE, IN PARTICULAR IGF-I**  
[54] **PROCEDE SERVANT A PREVOIR UNE REPOSE A DES MEDICAMENTS, EN PARTICULIER A IGF-1**  
[72] MASCARENHAS, DESMOND, US  
[71] CELTRIX PHARMACEUTICALS, INC., US  
[85] 1999-12-03  
[86] 1998-02-25 (PCT/US98/03677)  
[87] 1998-08-27 (WO98/37423)  
[30] US (08/805,808) 1997-02-25

[21] **2,293,480**  
[13] A1

[51] **Int.Cl. 7C07D 401/12 7C07D 215/38 7A61K 31/47**  
[25] EN  
[54] **2-AMINOALKYLAMINOQUINOLINES AS DOPAMINE D4 LIGANDS**  
[54] **2-AMINOALKYLAMINOQUINOLEINES UTILISEES COMME LIGANDS DE LA DOPAMINE D4**  
[72] HE, XIAO-SHU, US  
[71] NEUROGEN CORPORATION, US  
[85] 1999-12-10  
[86] 1998-06-11 (PCT/US98/14235)  
[87] 1998-12-17 (WO98/56786)  
[30] US (08/874,864) 1997-06-13



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,293,481</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21C 5/02 7C09J 7/04</b> [25] EN [54] <b>PSA-PROMOTED PROCESS FOR REMOVING CONTAMINANTS FROM PAPER PULP</b> [54] <b>PROCEDE METTANT EN OEUVRE UN ADHESIF AUTOCOLLANT POUR ELIMINER DES CONTAMINANTS D'UNE PATE A PAPIER</b> [72] SCHOLZ, WILLIAM F., US [71] AVERY DENNISON CORPORATION, US [85] 1999-12-02 [86] 1998-05-21 (PCT/US98/10425) [87] 1998-12-10 (WO98/55683) [30] US (08/870,958) 1997-06-06</p>	<p style="text-align: right;">[21] <b>2,293,483</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01J 49/40</b> [25] EN [54] <b>HYBRID ION MOBILITY AND MASS SPECTROMETER</b> [54] <b>SPECTROMETRE HYBRIDE DE MASSE ET DE MOBILITE IONIQUE</b> [72] REILLY, JAMES P., US [72] CLEMMER, DAVID E., US [71] INDIANA UNIVERSITY FOUNDATION, US [85] 1999-12-02 [86] 1998-06-02 (PCT/US98/11129) [87] 1998-12-10 (WO98/56029) [30] US (08/867,245) 1997-06-02</p>	<p style="text-align: right;">[21] <b>2,293,563</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01Q 1/18</b> [25] EN [54] <b>AN ARRANGEMENT COMPRISING AN ANTENNA REFLECTOR AND A TRANSCEIVER HORN COMBINED TO FORM A COMPACT ANTENNA UNIT</b> [54] <b>SYSTEME COMPRENANT UN REFLECTEUR D'ANTENNE ET UN CORNET EMETTEUR-RECEPTEUR QUI SONT COMBINES DE MANIERE A FORMER UNE ANTENNE COMPACTE</b> [72] NILSSON, MATS, SE [71] TRULSTECH INNOVATION KB, SE [85] 1999-12-07 [86] 1998-06-12 (PCT/SE98/01134) [87] 1998-12-17 (WO98/57389) [30] SE (9702268-5) 1997-06-13</p>
<p style="text-align: right;">[21] <b>2,293,482</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 401/04 7A61K 31/445 7A61K 31/55</b> [25] EN [54] <b>CARBOXY PIPERIDYLACETAMIDE TRICYCLIC COMPOUNDS USEFUL FOR INHIBITION OF G-PROTEIN FUNCTION AND FOR TREATMENT OF PROLIFERATIVE DISEASES (FARNESYL PROTEIN TRANSFERASE INHIBITORS)</b> [54] <b>COMPOSES TRICYCLIQUES DE CARBOXY PIPERIDYLACETAMIDE UTILISES POUR INHIBER UNE FONCTION G-PROTEINE ET TRAITER DES MALADIES PROLIFERATIVES (INHIBITEURS DE FARNESYL PROTEINE TRANSFERASE)</b> [72] TAVERAS, ARTHUR G., US [71] SCHERING CORPORATION, US [85] 1999-12-09 [86] 1998-06-15 (PCT/US98/11503) [87] 1998-12-23 (WO98/57946) [30] US (08/877,336) 1997-06-17</p>	<p style="text-align: right;">[21] <b>2,293,561</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F41G 3/26</b> [25] EN [54] <b>MEASURING HEAD</b> [54] <b>TETE DE MESURE</b> [72] MALSBENDER, DIETER, DE [72] SCHMIDT, KLAUS, DE [71] STN ATLAS ELEKTRONIK GMBH, DE [85] 1999-12-07 [86] 1998-10-10 (PCT/EP98/06436) [87] 1999-04-29 (WO99/20972) [30] DE (197 45 971.4) 1997-10-17</p>	<p style="text-align: right;">[21] <b>2,293,564</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21C 3/24 7D21C 7/06</b> [25] EN [54] <b>METHOD FOR CONTINUOUS COOKING IN A SINGLE-VESSEL DIGESTER</b> [54] <b>PROCEDE DE LESSIVAGE CONTINU DANS UN LESSIVEUR A CUVE UNIQUE</b> [72] SNEKKENES, VIDAR, SE [72] GUSTAVSSON, LENNART, SE [71] KVAERNER PULPING AB, SE [85] 1999-12-07 [86] 1997-06-13 (PCT/SE97/01039) [87] 1998-12-17 (WO98/56979)</p>
	<p style="text-align: right;">[21] <b>2,293,562</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F04C 29/10 7F04C 18/16</b> [25] EN [54] <b>SINGLE-SOURCE GAS ACTUATION FOR SCREW COMPRESSOR SLIDE VALVE ASSEMBLY</b> [54] <b>ACTIONNEMENT AU GAZ PROVENANT D'UNE SOURCE UNIQUE POUR ENSEMBLE TIROIR DE COMPRESSEUR A VIS</b> [72] BEEKMAN, DENNIS M., US [71] AMERICAN STANDARD INC., US [85] 1999-12-07 [86] 1998-06-18 (PCT/US98/13026) [87] 1999-01-28 (WO99/04168) [30] US (08/892,987) 1997-07-15</p>	

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[21] **2,293,565**  
[13] A1  
[51] **Int.Cl. 7C07D 471/04 7C07D 403/12 7A61K 31/40 7A61K 31/495**  
[25] EN  
[54] **NOVEL N-BENZENESULPHONYL-L-PROLINE COMPOUNDS, PREPARATION METHOD AND USE IN THERAPY**  
[54] **NOUVEAUX COMPOSES DE N-BENZENESULFONYL-L-PROLINE, PROCEDE DE PREPARATION ET UTILISATION EN THERAPEUTIQUE**  
[72] OU, KHAN, FR  
[72] DODEY, PIERRE, FR  
[72] BONDOUX, MICHEL, FR  
[72] HOUZIAUX, PATRICK, FR  
[72] BARTH, MARTINE, FR  
[71] FOURNIER INDUSTRIE ET SANTE, FR  
[85] 1999-12-03  
[86] 1998-06-11 (PCT/FR98/01211)  
[87] 1999-01-07 (WO99/00387)  
[30] FR (97 08 114) 1997-06-27

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[21] **2,293,566**  
[13] A1  
[51] **Int.Cl. 7H04L 29/08 7H04L 29/06**  
[25] EN  
[54] **APPARATUS AND METHOD FOR IDENTIFYING CLIENTS ACCESSING NETWORK SITES**  
[54] **DISPOSITIF ET PROCEDE PERMETTANT D'IDENTIFIER LES CLIENTS QUI ACCEDENT A DES SITES DE RESEAU**  
[72] BUCKLAND, BRUCE H., US  
[71] INFORONICS, INC., US  
[85] 1999-12-07  
[86] 1998-06-23 (PCT/US98/13153)  
[87] 1998-12-30 (WO98/59481)  
[30] US (60/048,946) 1997-06-25

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[21] **2,293,567**  
[13] A1  
[51] **Int.Cl. 7H01B 3/44**  
[25] EN  
[54] **ELECTRICAL DEVICES INCLUDING ETHYLENE, ALPHA-OLEFIN, VINYL NORBORNENE ELASTOMERS AND ETHYLENE ALPHA-OLEFIN POLYMERS**  
[54] **DISPOSITIFS ELECTRIQUES COMPRENANT UN ETHYLENE, UNE ALPHA-OLEFINE, DES ELASTOMERES DE VINYLE NORBORNENE ET DES POLYMERES D'ETHYLENE ALPHA-OLEFINE**  
[72] DHARMARAJAN, NARAYANASWAMI RAJA, US  
[72] RAVISHANKAR, PERIAGARAM SRINIVASAN, US  
[72] BURRAGE, CHARLES DOUGLAS, US  
[71] EXXON CHEMICAL PATENTS INC., US  
[85] 1999-12-03  
[86] 1997-12-09 (PCT/US97/22493)  
[87] 1998-12-10 (WO98/56012)  
[30] US (08/869,876) 1997-06-05

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[21] **2,293,568**  
[13] A1  
[51] **Int.Cl. 7B29D 11/00**  
[25] EN  
[54] **INJECTION MOLDING PROCESS FOR ROTATIONALLY ASYMMETRIC CONTACT LENS SURFACES**  
[54] **PROCEDE DE MOULAGE PAR INJECTION POUR SURFACES DE LENTILLES DE CONTACT A ROTATION ASYMETRIQUE**  
[72] KENNEDY, GABRIEL PHILIP, IE  
[71] BAUSCH & LOMB INCORPORATED, US  
[85] 1999-12-07  
[86] 1998-06-09 (PCT/US98/12036)  
[87] 1999-01-07 (WO99/00241)  
[30] US (60/058,096) 1997-06-30

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[21] **2,293,569**  
[13] A1  
[51] **Int.Cl. 7C11D 1/65 7C11D 17/06 7C11D 1/86**  
[25] EN  
[54] **GRANULAR DETERGENT COMPOSITION CONTAINING AN OPTIMUM SURFACTANT SYSTEM FOR COLD TEMPERATURE LAUNDERING**  
[54] **COMPOSITION DETERGENTE GRANULEE CONTENANT UN SYSTEME TENSIO-ACTIF OPTIMAL POUR LE LAVAGE A BASSES TEMPERATURES**  
[72] KETTENACKER, DARLA BONAR, US  
[72] WESTFIELD, JACQUELINE, US  
[72] PANCHERI, EUGENE JOSEPH, US  
[72] WEITZEL, ROSE MARIE, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-12-07  
[86] 1998-06-12 (PCT/IB98/00927)  
[87] 1998-12-30 (WO98/59024)  
[30] US (60/050,526) 1997-06-23

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[21] **2,293,570**  
[13] A1

[51] **Int.Cl. 7A61L 9/01 7A61L 9/14**  
[25] EN  
[54] **IMPROVED UNCOMPLEXED CYCLODEXTRIN COMPOSITIONS FOR ODOR CONTROL**  
[54] **COMPOSITIONS AMELIOREES DE CYCLODEXTRINE NON COMPLEXEE POUR ELIMINER LES ODEURS**  
[72] SCHNEIDERMAN, EVA, US  
[72] CAMPBELL, WILLIAM TUCKER, US  
[72] WOO, RICKY AH-MA, US  
[72] STREUTKER, ALEN DAVID, US  
[72] ROSENBALM, ERIN LYNN, US  
[72] COBB, DANIEL SCOTT, US  
[72] TRINH, TOAN, US  
[72] WOLFF, ANN MARGARET, US  
[72] WARD, THOMAS EDWARD, US  
[72] CHUNG, ALEX HAEJOON, US  
[72] BURNS, ANTHONY JAMES, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-12-07  
[86] 1998-06-09 (PCT/US98/12155)  
[87] 1998-12-17 (WO98/56429)  
[30] US (08/871,576) 1997-06-09  
[30] US (08/871,042) 1997-06-09  
[30] US (08/871,119) 1997-06-09  
[30] US (08/871,339) 1997-06-09  
[30] US (09/067,238) 1998-04-27  
[30] US (09/067,237) 1998-04-27  
[30] US (09/067,239) 1998-04-27  
[30] US (09/067,249) 1998-04-27  
[30] US (09/067,243) 1998-04-27  
[30] US (09/067,639) 1998-04-27  
[30] US (09/067,184) 1998-04-27  
[30] US (09/067,387) 1998-04-27

[21] **2,293,571**  
[13] A1

[51] **Int.Cl. 7B41M 5/36 7B23K 26/00 7C08K 13/00 7C08K 3/04**  
[25] EN  
[54] **CONTROLLED COLOR LASER MARKING OF PLASTICS**  
[54] **MARQUAGE EN COULEUR REGLABLE DE PLASTIQUES AU LASER**  
[72] HARRIS, RONALD M., US  
[72] BURGESS, ALAN R., US  
[72] FENG, KE, US  
[71] M.A. HANNACOLOR, A DIVISION OF M.A. HANNA COMPANY, US  
[85] 1999-12-03  
[86] 1998-06-05 (PCT/US98/11299)  
[87] 1998-12-17 (WO98/56594)  
[30] US (08/874,401) 1997-06-13

[21] **2,293,572**  
[13] A1

[51] **Int.Cl. 7F16L 55/11 7F16L 55/128 7F16L 55/132**  
[25] EN  
[54] **SEALING DEVICE**  
[54] **OBTURATEUR**  
[72] STEBLINA, DAVID, AU  
[71] STEBLINA, DAVID, AU  
[85] 1999-12-07  
[86] 1998-05-11 (PCT/AU98/00339)  
[87] 1998-11-19 (WO98/51958)  
[30] AU (PO 6717) 1997-05-09

[21] **2,293,573**  
[13] A1

[51] **Int.Cl. 7D21F 11/00**  
[25] EN  
[54] **DIFFERENTIAL DENSITY CELLULOSIC STRUCTURE AND PROCESS FOR MAKING SAME**  
[54] **STRUCTURE CELLULOSIQUE A DENSITE DIFFERENTIELLE ET SON PROCEDE DE FABRICATION**  
[72] TROKHAN, PAUL DENNIS, US  
[72] RICHARDS, MARK RYAN, US  
[72] STELLJES, MICHAEL GOMER, JR., US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-12-03  
[86] 1998-05-29 (PCT/US98/11013)  
[87] 1998-12-10 (WO98/55689)  
[30] US (08/870,535) 1997-06-06

[21] **2,293,574**  
[13] A1

[51] **Int.Cl. 7H05F 1/02 7H01B 1/12 7C09D 5/24**  
[25] EN  
[54] **METHOD FOR TREATMENT OF AN ARTICLE**  
[54] **PROCEDE DE TRAITEMENT D'UN ARTICLE**  
[72] LUOMALA, TUOMAS O., FI  
[71] CENTAUREA OY, FI  
[85] 1999-12-07  
[86] 1998-06-08 (PCT/FI98/00486)  
[87] 1998-12-17 (WO98/57527)  
[30] FI (972450) 1997-06-09

[21] **2,293,575**  
[13] A1

[51] **Int.Cl. 7A61K 47/48 7C07K 14/48**  
[25] EN  
[54] **CONTROLLED RELEASE MICROENCAPSULATED NGF FORMULATION**  
[54] **FORMULATION DE NGF MICROENCAPSULEE A LIBERATION REGULEE**  
[72] CLELAND, JEFFREY L., US  
[72] DUENAS, EILEEN T., US  
[72] LAM, XANTHE M., US  
[71] GENENTECH, INC., US  
[85] 1999-12-03  
[86] 1998-06-11 (PCT/US98/11600)  
[87] 1998-12-17 (WO98/56426)  
[30] US (08/874,647) 1997-06-13

[21] **2,293,576**  
[13] A1

[51] **Int.Cl. 7D21F 11/00 7D21F 3/02**  
[25] EN  
[54] **METHOD OF WET PRESSING TISSUE PAPER**  
[54] **PROCEDE D'ESSORAGE HUMIDE DE PAPIER DE SOIE**  
[72] TROKHAN, PAUL DENNIS, US  
[72] AMPULSKI, ROBERT STANLEY, US  
[72] OSTENDORF, WARD WILLIAM, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-12-03  
[86] 1998-05-29 (PCT/US98/11015)  
[87] 1998-12-10 (WO98/55691)  
[30] US (08/870,213) 1997-06-06

[21] **2,293,637**  
[13] A1

[51] **Int.Cl. 7C07D 301/12 7C07D 301/19**  
[25] EN  
[54] **PROCESS FOR EPOXIDATION OF PROPYLENE**  
[54] **PROCEDE D'EPOXYDATION DE PROPYLENE**  
[72] CHANG, TE, US  
[71] ARCO CHEMICAL TECHNOLOGY, L.P., US  
[85] 1999-12-07  
[86] 1998-06-29 (PCT/EP98/03966)  
[87] 1999-01-14 (WO99/01445)  
[30] US (08/886,628) 1997-07-01

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<p style="text-align: right;">[21] <b>2,293,638</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B29C 47/92 7B23K 26/00 7B32B 15/04 7B32B 1/10</b> [25] EN [54] <b>JETTING LAYERS OF POWDER AND THE FORMATION OF FINE POWDER BEDS THEREBY</b> [54] <b>COUCHES DE POUDRE DEPOSEES PAR JET ET FORMATION DE LITS DE POUDRE FINE A L'AIDE DE CELLES-CI</b> [72] CIMA, MICHAEL J., US [72] UHLAND, SCOTT A., US [72] MOON, JOOHO, US [72] CARADONNA, MICHAEL A., US [72] GRAU, JASON, US [72] SACHS, EMANUEL M., US [72] SERDY, JAMES G., US [72] SAXTON, PATRICK C., US [71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US [85] 1999-12-08 [86] 1998-06-12 (PCT/US98/12280) [87] 1998-12-17 (WO98/56566) [30] US (60/050,015) 1997-06-13</p>	<p style="text-align: right;">[21] <b>2,293,640</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 31/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR POWER CONNECTION IN A MODULAR PATIENT CARE SYSTEM</b> [54] <b>PROCEDE ET APPAREIL DE RACCORD D'ALIMENTATION DANS UN SYSTEME MODULAIRE D'AIDE AU PATIENT</b> [72] DUFFY, ROBERT J., US [72] SEVERE, LON M., US [72] RICHARDS, EDWARD M., US [72] DEKALB, SHAWN W., US [72] STEWART, JAMES P., US [71] ALARIS MEDICAL SYSTEMS, INC., US [85] 1999-12-07 [86] 1998-06-09 (PCT/US98/12191) [87] 1998-12-17 (WO98/56450) [30] US (08/871,307) 1997-06-09</p>	<p style="text-align: right;">[21] <b>2,293,643</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E21B 44/00</b> [25] EN [54] <b>METHOD OF CONTROLLING ROCK DRILLING</b> [54] <b>PROCEDE DE COMMANDE DU FORAGE DE ROCHE</b> [72] POYSTI, TAPANI, FI [71] SANDVIK TAMROCK OY, FI [85] 1999-12-08 [86] 1998-05-29 (PCT/FI98/00458) [87] 1998-12-17 (WO98/57033) [30] FI (972533) 1997-06-13</p>
<p style="text-align: right;">[21] <b>2,293,639</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B29C 31/00 7B29D 11/00</b> [25] EN [54] <b>TRANSFER AND CENTERING SYSTEM FOR CONTACT LENSES</b> [54] <b>SYSTEME DE TRANSFERT ET DE CENTRAGE POUR LENTILLES DE CONTACT</b> [72] DOBNER, MICHAEL H., US [71] BAUSCH &amp; LOMB INCORPORATED, US [85] 1999-12-07 [86] 1998-06-11 (PCT/US98/12444) [87] 1998-12-23 (WO98/57788) [30] US (60/050,158) 1997-06-19</p>	<p style="text-align: right;">[21] <b>2,293,641</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47F 5/00 7A47B 88/00 7A47B 88/06</b> [25] EN [54] <b>DISPLAY RACK</b> [54] <b>PRESENTOIR A ETAGERES</b> [72] MANDLE, JAMES S., US [71] WARNER-LAMBERT COMPANY, US [85] 1999-12-07 [86] 1998-07-22 (PCT/US98/15141) [87] 1999-02-11 (WO99/05942) [30] US (904,999) 1997-08-01</p>	<p style="text-align: right;">[21] <b>2,293,644</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 6/24 7G02B 6/12</b> [25] EN [54] <b>INTEGRATED LIGHT ABSORBER</b> [54] <b>ABSORBEUR DE LUMIERE INTEGRE</b> [72] BAXTER, STEPHEN MARK, GB [72] BARRETT, COLIN PAUL, GB [71] BOOKHAM TECHNOLOGY LTD., GB [85] 1999-12-08 [86] 1998-06-03 (PCT/GB98/01621) [87] 1998-12-17 (WO98/57205) [30] GB (9712011.7) 1997-06-11</p>
<p style="text-align: right;">[21] <b>2,293,642</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01M 4/58 7C01B 6/24</b> [25] EN [54] <b>INORGANIC HYDROGEN COMPOUNDS, SEPARATION METHODS, AND FUEL APPLICATIONS</b> [54] <b>COMPOSES NON ORGANIQUES D'HYDROGENE, LEURS PROCEDES DE SEPARATION ET LEURS APPLICATIONS CONCERNANT DES CARBURANTS</b> [72] MILLS, RANDELL L., US [71] BLACK LIGHT POWER, INC., US [85] 1999-12-08 [86] 1998-07-07 (PCT/US98/14029) [87] 1999-02-04 (WO99/05735) [30] US (60/053,378) 1997-07-22 [30] US (60/068,913) 1997-12-29 [30] US (09/009,294) 1998-01-20 [30] US (60/074,006) 1998-02-09 [30] US (60/080,647) 1998-04-03</p>	<p style="text-align: right;">[21] <b>2,293,645</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/34 7H04B 7/26</b> [25] EN [54] <b>METHOD FOR REPORTING MEASUREMENT INFORMATION IN A MOBILE COMMUNICATIONS SYSTEM</b> [54] <b>PROCEDE DE COMPTE-RENDU D'INFORMATIONS DE MESURE DANS UN SYSTEME DE COMMUNICATION MOBILE</b> [72] SPORRE, MATTS, SE [72] FRIED, TOMAS, SE [72] BODIN, STIG ROLAND, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-12-08 [86] 1998-06-02 (PCT/SE98/01043) [87] 1998-12-17 (WO98/57512) [30] US (08/874,988) 1997-06-13</p>	

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[21] **2,293,646**  
[13] A1

[51] **Int.Cl. 7A23L 1/29 7A21D 13/00 7A21D 2/08**  
[25] EN  
[54] **PRODUCT, METHOD FOR ITS MANUFACTURE, AND ITS USE**  
[54] **PRODUIT, SON PROCEDE DE PREPARATION ET SON UTILISATION**  
[72] SULANTO, SEIJA, FI  
[72] REINIKAINEN, TAPANI, FI  
[72] HAARASILTA, SAMPISA, FI  
[71] DANISCO FINLAND OY, FI  
[85] 1999-12-08  
[86] 1998-06-11 (PCT/FI98/00503)  
[87] 1998-12-30 (WO98/58554)  
[30] FI (972532) 1997-06-13

[21] **2,293,647**  
[13] A1

[51] **Int.Cl. 7B65B 61/22 7B65B 55/20**  
[25] EN  
[54] **CUSHIONING CONVERSION SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE TRANSFORMATION POUR MATERIAU DE REMBOURRAGE**  
[72] ARMINGTON, STEVEN E., US  
[72] BOOZE, MACDONALD C., US  
[72] GUTH, PAUL J., US  
[72] RATZEL, RICHARD O., US  
[71] RANPAK CORP., US  
[85] 1999-12-08  
[86] 1998-06-11 (PCT/US98/11598)  
[87] 1998-12-17 (WO98/56663)  
[30] US (60/049,346) 1997-06-11

[21] **2,293,648**  
[13] A1

[51] **Int.Cl. 7B60C 9/22 7B60C 13/00 7B60C 9/18 7B60C 9/20**  
[25] EN  
[54] **LIGHT WEIGHT FIBERGLASS BELTED RADIAL TIRE**  
[54] **PNEU RADIAL LEGER A CEINTURE EN FIBRE DE VERRE**  
[72] THISE-FOURGON, MARIE-RITA CATHERINE AMELIE, BE  
[72] PACKBIER, ERIC GERARD MARIE, LU  
[72] SMITS, ATTE, LU  
[72] CRAIG, DAVID PATERSON, LU  
[72] ROESGEN, ALAIN EMILE FRANCOIS, LU  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[85] 1999-12-07  
[86] 1998-05-04 (PCT/US98/09046)  
[87] 1998-12-17 (WO98/56599)  
[30] US (08/871,261) 1997-06-09

[21] **2,293,649**  
[13] A1

[51] **Int.Cl. 7B01J 23/40 7B01J 21/12**  
[25] EN  
[54] **HYDROGENATION CATALYST WITH HIGH SULPHUR TOLERANCE**  
[54] **CATALYSEUR D'HYDROGENATION A TOLERANCE ELEVEE AU SOUFRE**  
[72] SANDSTROM, GORAN, FI  
[72] LINDBLAD, MARINA, FI  
[72] RAUTIAINEN, AIMO, FI  
[71] FORTUM OIL AND GAS OY, FI  
[85] 1999-12-08  
[86] 1998-06-16 (PCT/FI98/00521)  
[87] 1998-12-23 (WO98/57742)  
[30] FI (972545) 1997-06-16

[21] **2,293,650**  
[13] A1

[51] **Int.Cl. 7G06F 9/44 7G06F 1/00**  
[25] EN  
[54] **OBFUSCATION TECHNIQUES FOR ENHANCING SOFTWARE SECURITY**  
[54] **TECHNIQUES D'OBSCURCISSEMENT POUR AUGMENTER LA SECURITE DE LOGICIELS**  
[72] THOMBORSON, CLARK DAVID, NZ  
[72] LOW, DOUGLAS WAI KOK, NZ  
[72] COLLBERG, CHRISTIAN SVEN, NZ  
[71] INTERTRUST, INCORPORATED, US  
[85] 1999-12-08  
[86] 1998-06-09 (PCT/US98/12017)  
[87] 1999-01-14 (WO99/01815)  
[30] NZ (328057) 1997-06-09

[21] **2,293,651**  
[13] A1

[51] **Int.Cl. 7C11D 3/22 7A23P 1/00**  
[25] EN  
[54] **FOOD CLEANING COMPOSITIONS CONTAINING CYCLODEXTRIN**  
[54] **COMPOSITIONS DE NETTOYAGE DES ALIMENTS RENFERMANT DE LA CYCLODEXTRINE**  
[72] WARD, THOMAS EDWARD, US  
[72] WOLFF, ANN MARGARET, US  
[72] WOO, RICKY AH-MA, US  
[72] TRINH, TOAN, US  
[72] ROSELLE, BRIAN JOSEPH, US  
[72] CHUNG, ALEX HAEJOON, US  
[72] CAMPBELL, WILLIAM TUCKER, US  
[72] SREUTKER, ALEN DAVID, US  
[72] SCHNEIDERMAN, EVA, US  
[72] COBB, DANIEL SCOTT, US  
[72] BURNS, ANTHONY JAMES, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-12-08  
[86] 1998-06-09 (PCT/US98/12159)  
[87] 1998-12-17 (WO98/56889)  
[30] US (08/871,042) 1997-06-09  
[30] US (08/871,119) 1997-06-09  
[30] US (08/871,339) 1997-06-09  
[30] US (08/871,576) 1997-06-09

[21] **2,293,652**  
[13] A1

[51] **Int.Cl. 7B60C 9/22 7B60C 13/00 7B60C 15/06 7B60C 9/18 7B60C 9/20**  
[25] EN  
[54] **LOW COST LIGHT WEIGHT RADIAL TIRE**  
[54] **PNEU RADIAL LEGER ET DE FAIBLE COUT**  
[72] SMITS, ATTE, LU  
[72] ROESGEN, ALAIN EMILE FRANCOIS, LU  
[72] THISE-FOURGON, MARIE-RITA CATHERINE AMELIE, BE  
[72] CRAIG, DAVID PATERSON, LU  
[72] PACKBIER, ERIC GERARD MARIE, LU  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[85] 1999-12-07  
[86] 1998-05-15 (PCT/US98/09997)  
[87] 1998-12-17 (WO98/56601)  
[30] US (08/871,263) 1997-06-09

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<p style="text-align: right;">[21] <b>2,293,653</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/36 7H04Q 7/38</b> [25] EN [54] <b>REUSE OF A PHYSICAL CONTROL CHANNEL IN A DISTRIBUTED CELLULAR RADIO COMMUNICATION SYSTEM</b> [54] <b>REUTILISATION D'UN CANAL DE COMMANDE PHYSIQUE DANS UN SYSTEME DE RADIOCOMMUNICATIONS CELLULAIRE DISTRIBUE</b> [72] FRODIGH, MAGNUS, SE [72] WALLSTEDT, KENNETH, US [72] BEMING, PER, SE [72] WIOREK, JONAS, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-12-08 [86] 1998-05-12 (PCT/SE98/00874) [87] 1998-12-17 (WO98/57513) [30] SE (9702271-9) 1997-06-13</p>	<p style="text-align: right;">[21] <b>2,293,655</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61C 13/225</b> [25] EN [54] <b>DENTAL PROSTHESIS WITH MULTI-SECTION INFRASTRUCTURE AND METHOD FOR REPLACEMENT OF TEETH</b> [54] <b>PROTHESE DENTAIRE A INFRASTRUCTURE A PLUSIEURS ELEMENTS ET TECHNIQUE DE REMPLACEMENT DE DENTS</b> [72] MARSHALL, HOWARD B., US [71] ORO-HEALTH INTERNATIONAL, INC., US [85] 1999-12-08 [86] 1998-06-18 (PCT/US98/12355) [87] 1998-12-30 (WO98/58597) [30] US (08/881,027) 1997-06-23</p>	<p style="text-align: right;">[21] <b>2,293,658</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 3/00 7H04M 3/32 7G06F 9/455 7G06F 17/50</b> [25] EN [54] <b>TELECOMMUNICATIONS EXCHANGE</b> [54] <b>CENTRAL TELEPHONIQUE</b> [72] SKOGBY, STAFFAN, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-12-08 [86] 1998-06-12 (PCT/EP98/03570) [87] 1998-12-17 (WO98/57503) [30] US (09/874,660) 1997-06-13 [30] US (08/887,653) 1997-07-03 [30] US (09/016,355) 1998-01-30</p>
<p style="text-align: right;">[21] <b>2,293,654</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 6/16</b> [25] EN [54] <b>DEPRESSED CLADDING FIBER DESIGN FOR REDUCING COUPLING TO CLADDING MODES IN FIBER GRATINGS</b> [54] <b>FIBRE A GAINE ENFONCEE CONCUE POUR REDUIRE LE COUPLAGE AUX MODES DE GAINE DANS DES RESEAUX DE FIBRES</b> [72] VARNER, WAYNE F., US [72] HAGGANS, CHARLES W., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 1999-12-07 [86] 1997-10-30 (PCT/US97/19798) [87] 1999-01-07 (WO99/00686) [30] US (08/884,889) 1997-06-30</p>	<p style="text-align: right;">[21] <b>2,293,656</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C02F 1/52</b> [25] EN [54] <b>IMMOBILIZATION OF INORGANIC ARSENIC SPECIES USING IRON</b> [54] <b>IMMOBILISATION DES COMPOSES ARSENICAUX INORGANIQUES A L'AIDE DE FER</b> [72] NIKOLAIDIS, NIKOLAOS P., US [72] LACKOVIC, JEFFREY A., US [72] DOBBS, GREGORY M., US [71] UNIVERSITY OF CONNECTICUT, US [85] 1999-12-08 [86] 1998-06-18 (PCT/US98/12729) [87] 1998-12-23 (WO98/57893) [30] US (60/050,250) 1997-06-19 [30] US (60/067,229) 1997-12-02 [30] US (09/015,637) 1998-01-29</p>	<p style="text-align: right;">[21] <b>2,293,659</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01J 8/22 7C10G 2/00 7C07C 1/06</b> [25] EN [54] <b>A PROCESS FOR PRODUCING LIQUID AND, OPTIONALLY, GASEOUS PRODUCTS FROM GASEOUS REACTANTS</b> [54] <b>PROCEDE SERVANT A OBTENIR DES PRODUITS LIQUIDES ET, EVENTUELLEMENT, GAZEUX A PARTIR DE REACTIFS GAZEUX</b> [72] SILVERMAN, ROY W., ZA [72] NEL, HERMAN GERHARDUS, ZA [72] STEYNBERG, ANDRÉ PETER, ZA [71] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA [85] 1999-12-08 [86] 1998-07-14 (PCT/GB98/02070) [87] 1999-01-28 (WO99/03574) [30] ZA (97/6254) 1997-07-15</p>
	<p style="text-align: right;">[21] <b>2,293,657</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 5/124 7G02B 5/12</b> [25] EN [54] <b>DUAL AXIS RETROREFLECTIVE ARTICLES</b> [54] <b>ARTICLES A RETROREFLEXION SUR DEUX AXES</b> [72] DREYER, JOHN F., US [72] WHITE, KENNETH M., US [72] LIGHTLE, VERA L., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 1999-12-07 [86] 1997-10-24 (PCT/US97/19268) [87] 1999-01-07 (WO99/00682) [30] US (08/883,870) 1997-06-27</p>	

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[21] **2,293,661**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7C07K 16/18 7C07K 14/47 7G01N 33/574 7C12Q 1/68 7C12N 15/85**  
[25] EN  
[54] **REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE BREAST**  
[54] **REACTIFS ET PROCEDES DESTINES A DETECTER DES PATHOLOGIES MAMMAIRES**  
[72] HODGES, STEVEN C., US  
[72] GRANADOS, EDWARD N., US  
[72] BILLING-MEDEL, PATRICIA A., US  
[72] COHEN, MAURICE, US  
[72] COLPITTS, TRACEY L., US  
[72] SCHEFFEL, CHRISTI P., US  
[72] GORDON, JULIAN, US  
[72] STROUPE, STEPHEN D., US  
[72] FRIEDMAN, PAULA N., US  
[72] RUSSELL, JOHN C., US  
[72] YU, HONG, US  
[72] KRATOCHVIL, JON D., US  
[72] KLASS, MICHAEL R., US  
[71] ABBOTT LABORATORIES, US  
[85] 1999-12-03  
[86] 1998-06-19 (PCT/US98/12862)  
[87] 1998-12-30 (WO98/59049)  
[30] US (08/879,354) 1997-06-20

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[21] **2,293,662**  
[13] A1  
[51] **Int.Cl. 7B29C 45/28**  
[25] EN  
[54] **VALVE PIN ACTUATOR**  
[54] **ACTIONNEUR DE GOUPILLE DE SOUPAPE**  
[72] LEE, CHRISTOPHER W., US  
[72] MOSS, MARK D., US  
[71] DYNISCO HOTRUNNERS, INC., US  
[85] 1999-12-08  
[86] 1998-05-27 (PCT/US98/10713)  
[87] 1998-12-17 (WO98/56560)  
[30] US (08/874,962) 1997-06-13

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[21] **2,293,663**  
[13] A1  
[51] **Int.Cl. 7A61K 7/48 7A61K 7/46**  
[25] EN  
[54] **PERFUMED COMPOSITIONS AND METHODS FOR REDUCING BODY ODORS AND EXCESS MOISTURE**  
[54] **COMPOSITIONS PARFUMEES ET PROCEDES DE REDUCTION DES ODEURS CORPORELLES ET DE L'HUMIDITE EXCESSIVE**  
[72] TRINH, TOAN, US  
[72] LAFLEUR, PATRICIA ALISON, US  
[72] PETERSON, LIEZL GONZALES, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-12-08  
[86] 1998-06-08 (PCT/US98/11811)  
[87] 1998-12-17 (WO98/56340)  
[30] US (08/871,790) 1997-06-09  
[30] US (08/871,856) 1997-06-09  
[30] US (08/871,861) 1997-06-09  
[30] US (08/871,092) 1997-06-09

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[21] **2,293,664**  
[13] A1  
[51] **Int.Cl. 7A61K 38/08**  
[25] EN  
[54] **FSH-RELEASING PEPTIDES**  
[54] **PEPTIDES LIBERATEURS DE F.S.H.**  
[72] McCANN, SAMUEL M., US  
[72] YU, WEN H., US  
[71] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND, US  
[85] 1999-12-03  
[86] 1998-06-03 (PCT/US98/11512)  
[87] 1998-12-10 (WO98/55136)  
[30] US (08/869,153) 1997-06-04

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[21] **2,293,665**  
[13] A1  
[51] **Int.Cl. 7H05H 1/30**  
[25] EN  
[54] **PLASMA TORCH**  
[54] **TORCHE A PLASMA**  
[72] DICKMAN, RICHARD D., US  
[72] HUHN, WILLIAM A., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 1999-12-08  
[86] 1998-06-08 (PCT/US98/11867)  
[87] 1998-12-17 (WO98/57528)  
[30] US (08/873,259) 1997-06-11

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[21] **2,293,666**  
[13] A1  
[51] **Int.Cl. 7A61K 38/04 7C07K 7/04 7A61K 38/12 7C07K 7/64**  
[25] EN  
[54] **CD28/CTLA-4 INHIBITING PEPTIDOMIMETICS, PHARMACEUTICAL COMPOSITIONS THEREOF, AND METHOD OF USING SAME**  
[54] **PEPTIDOMIMETIQUES INHIBITEURS DE CD28/CTLA-4, COMPOSITIONS PHARMACEUTIQUES RENFERMANT CEUX-CI ET PROCEDE D'UTILISATION DE CEUX-CI**  
[72] EL TAYAR, NABIL, US  
[72] BLECHNER, STEVEN, US  
[72] JAMESON, BRAD, US  
[72] TEPPER, MARK, US  
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN  
[85] 1999-12-09  
[86] 1998-06-11 (PCT/US98/12312)  
[87] 1998-12-17 (WO98/56401)  
[30] US (60/049,470) 1997-06-12

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[21] **2,293,668**  
[13] A1  
[51] **Int.Cl. 7B29D 30/08 7B29D 28/00 7B60C 9/11 7B29C 47/12 7B29D 30/20**  
[25] EN  
[54] **SEAMLESS REINFORCEMENT FOR RUBBER COMPOSITION AND PRODUCTS INCORPORATING SUCH MATERIAL**  
[54] **ARMATURE SANS JONCTION POUR COMPOSITE CAOUTCHOUTE ET PRODUITS INCORPORANT CETTE MATIERE**  
[72] VANNAN, FREDERICK FORBES JR., US  
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US  
[85] 1999-12-08  
[86] 1997-06-20 (PCT/US97/10620)  
[87] 1998-12-30 (WO98/58794)

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[21] 2,293,669

[13] A1

[51] Int.Cl. 7A61K 7/16

[25] EN

[54] **PREPARATIONS AND METHOD  
FOR REMOVING TOBACCO TAR  
FROM SMOKER'S TEETH, GUMS,  
DENTURES, DENTAL PLATES, AND  
ORAL CAVITY SURFACES**

[54] **PREPARATION ET PROCEDE  
PERMETTANT D'ELIMINER LE  
GOUDRON DE TABAC SUR LA  
SURFACE DES DENTS, DES GENCIVES,  
DES PROTHESES, DES PLAQUES-  
BASES ET DE LA CAVITE BUCCALE  
DES FUMEURS**

[72] DIAMOND, JEFFREY H., US

[71] BLOCK DRUG COMPANY, INC., US

[85] 1999-12-03

[86] 1998-06-03 (PCT/US98/11327)

[87] 1998-12-10 (WO98/55084)

[30] US (868,999) 1997-06-04



## **PCT Applications Entering the National Phase**

## Canadian Divisional and Previously Unavailable Laid-Open applications

### Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

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[21] **2,293,893**

[13] A1

[51] **Int.Cl. 7H01L 39/12**

[25] EN

[54] **SUPERCONDUCTING  
COMPOUND OXIDE**

[54] **OXIDE COMBINE**

**SUPRACONDUCTEUR**

[72] KUSUHARA, HIROYUKI, JP

[72] TORII, YASUKO, JP

[71] SUMITOMO ELECTRIC

INDUSTRIES, LTD., JP

[22] 1989-11-14

[43] 1990-05-11

[62] 2,002,843

[30] JP (285538/1988) 1988-11-11

[30] JP (307537/1988) 1988-12-05

[30] JP (307538/1988) 1988-12-05

[30] JP (27305/1989) 1989-02-06

[30] JP (35661/1989) 1989-02-15

[30] JP (78976/1989) 1989-03-30

[30] JP (251105/1989) 1989-09-27

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Taniguchi, Katsuo	2,047,377	United States of America,			
Taylor, Gregory Wade	2,151,279	represented by the	2,093,928		
Taylor, JoAnn Lee	2,170,493	Uplinger, Kenneth Allen	2,152,314		
TEICHMANN, Bodo	2,264,112	USHIODENKI KABUSHIKI			
The BOC Group, Inc.	2,180,597	KAISHA	2,154,615		
THE GILLETTE COMPANY	2,194,278	Utsumi, Atsushi	2,062,433		
THE GOVERNMENT OF THE		VAN DE POL, Bruno	2,199,369		
UNITED STATES, AS		Van Der Voort, Lucia H.M.	1,340,916		
REPRESENTED BY THE		Van Solingen, Pieter	1,340,916		
SECRETARY OF	2,059,085	VanderHeyden, William B.	2,159,857		
THE JOHNS HOPKINS		Vantoever, J. Wayne	2,118,783		
UNIVERSITY SCHOOL		Varidel, Charly	2,182,639		
OF MEDICINE	2,033,347	VARLET, Jean-Luc André			
THE MINNESOTA MINING		Patrick	2,199,369		
AND MANUFACTURING		Vascutek Limited	2,094,119		
COMPANY	2,041,581	Veenstra, Annemarie E.	1,340,916		
THE PROCTER & GAMBLE		Villagran, Francisco Valentino	2,189,746		
COMPANY	2,151,279	Visser, James T.	2,018,420		
THE PROCTER & GAMBLE		VITAL INSITE, INC.	2,187,638		
COMPANY	2,166,053	VOKEY, David E.	2,237,377		
THE PROCTER & GAMBLE		VTech Communications Ltd.	2,124,885		
COMPANY	2,167,271	W. L. Gore & Associates, Inc.	2,178,494		
THE PROCTER & GAMBLE		Wacker-Chemie GmbH	2,096,091		
COMPANY	2,167,273	WAECHTER, David	2,182,366		
THE PROCTER & GAMBLE		Waite, Donald T.	2,082,113		
COMPANY	2,167,376	Walter, James Frederic	2,013,754		
THE PROCTER & GAMBLE		WANCHO, Thomas F.	2,202,219		
COMPANY	2,168,207	WANG, Allen T.S.	2,208,606		
THE PROCTER & GAMBLE		Wangermann, Klaus	2,013,729		
COMPANY	2,170,493	WÄTJEN, Frank	2,199,613		
THE PROCTER & GAMBLE		Weinberger, Eric Patton	2,167,271		
COMPANY	2,173,431	Weiss, Keith D.	2,186,955		
THE PROCTER & GAMBLE		Weller, George V.	2,099,990		
COMPANY	2,189,746	Westinghouse Electric			
THE PROCTER & GAMBLE		Corporation	2,019,216		
COMPANY	2,191,712	Wiebus, Ernst	2,184,053		
THE PROCTER & GAMBLE		Wiegand, Herbert	2,003,662		
COMPANY	2,193,208	Wiesner, Hagen Heinz	2,017,022		
THE RELIABLE AUTOMATIC		Willingham, Mark C.	2,093,928		
SPRINKLER CO., INC.	2,202,219	Wirth, Wolfgang	2,013,729		
The United States of America as		Wittrock, Martin J.	2,115,843		
Represented by the Secretary		Wolf, Scot G.	2,168,207		
of Agricult	2,013,754	Wolters, Gregory T.	2,094,836		
THEISING, John L.	2,251,409	Wong, David Walden	2,172,757		
Thermo Trilogy Corporation	2,013,754	Wong, Vincent York-Leung	2,189,746		
Thiermann, John H.	2,095,460	Wyon, David	2,087,185		
THOMAS & BETTS		XEROX CORPORATION	2,079,609		
INTERNATIONAL, INC.	2,192,135	XEROX CORPORATION	2,125,432		
THOMAS & BETTS		Yagi, Kunio	2,050,072		
INTERNATIONAL, INC.	2,192,136	Yamaguchi, Shu	2,058,491		
Thomas, Denis C.	2,125,432	Yamanaka, Tooru	2,047,377		

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ACHENBACH, Frank	2,244,601	BALABAN, DAVID B.	2,279,442	BP CHEMICALS LIMITED	2,280,221
ACRODYNE INDUSTRIES, INC.	2,254,375	BALESTRI, MASSIMO	2,280,242	BRAKSMAYER, DIZA P.	2,278,882
ADIR ET COMPAGNIE	2,280,395	BALL, ALLAN J.	2,279,659	BRANDT, KENNETH A.	2,276,653
AFKAMI, KAMBIZ	2,279,694	BANDO, TAKESHI	2,279,734	BRANDT, PETRA	2,279,812
AGHION, ELIYAHU	2,279,556	BANKS, Frank	2,263,723	BRANSTETTER, CARY D.	2,277,630
AGIP PETROLI S.P.A.	2,280,397	BARANITSKY, Dean	2,244,587	BRAUCHLI, HERBERT	2,280,216
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AIKEN, JAMES R.	2,279,659	BARNETT, JOHN E., JR.	2,279,694	BRODRECHT, Gerald	2,244,595
AIR PRODUCTS AND CHEMICALS, INC.	2,279,171	BARTSCH, RENI	2,279,692	BRONFIN, BORIS	2,279,556
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ALCATEL	2,276,907	AKTIENGESELLSCHAFT	2,279,627	BUILDER'S BEST, INC.	2,279,599
ALCATEL	2,276,908	BAYER		BURNS, BRADLEY A.	2,279,130
ALCATEL	2,277,938	AKTIENGESELLSCHAFT	2,279,740	BYERS, Charles Calvin	2,273,600
ALCATEL	2,279,105	BAYER CORPORATION	2,279,742	CAIGNARD, DANIEL-HENRI	2,280,395
ALCATEL	2,279,107	BAYLEY, DENISE R.	2,279,162	CALAWAY, WALLIS F., JR.	2,279,698
ALCATEL	2,279,135	BAYLEY, DENISE R.	2,279,437	CAMERON, KIMBERLY O'KEEFE	2,279,747
ALCATEL	2,279,585	BEHMENBURG, CHRISTOF	2,279,772	CANADIAN SPACE AGENCY	2,246,438
ALCATEL	2,279,754	BEHN, LAWRENCE P.	2,279,694	CAPOTOSTO, DAVID A.	2,279,706
AMERICAN METAL PRODUCTS COMPANY	2,245,061	BEJANI, ELIE	2,279,754	CARRIERE, Kent J.	2,244,593
AMMIRATI, MARK	2,279,732	BELOIT TECHNOLOGIES, INC.	2,279,922	CAVES, KEITH	2,279,773
ANDERSEN, JOHN L.	2,279,599	BEMIS MANUFACTURING COMPANY	2,279,789	CERCUEILS VIC ROYAL INC.	2,242,113
ANDERSON, BARRY G.	2,279,789	BENNAI, LAHCEN	2,279,135	CHENG, Terry Si-Fong	2,273,782
ANDERSON, PAUL A.	2,276,653	BERGER, KERRY RENARD	2,279,171	CHENG, YIHAO	2,279,712
ANDRADA GALAN, MARIO	2,279,450	BERGER, RALF	2,279,755	CHIN, ALBERT K.	2,279,661
ANGELO BROTHERS COMPANY	2,279,760	BERGOMI, ANGELO	2,277,542	CHIYOUJI, MASAMI	2,279,805
ANNESTEDT, James W., Sr.	2,245,061	BERKOPEC, WILLIAM E.	2,279,654	CHO, Yu-Ling	2,245,282
AOKI, HIROYUKI	2,279,624	BERNARD, PASCALE	2,279,725	CICCARELLI, ROGER N.	2,279,162
AOKI, MASAACKI	2,277,734	BERT, Roger Douglas	2,266,191	CICCARELLI, ROGER N.	2,279,437
ARCHEY, RICK L.	2,279,742	BERTRAND, JACQUES C.	2,279,162	CIEBIEN, JANE F.	2,279,742
ARCHIE MCCOY (HAMILTON) LTD.	2,244,931	BERTRAND, JACQUES C.	2,279,437	CINEL, LUCIANO	2,278,875
ARJO LIMITED	2,244,758	BESHAI, MAGED E.	2,279,776	CLARK EQUIPMENT COMPANY	2,276,653
ARMSTRONG WORLD INDUSTRIES, INC.	2,279,150	BIELAGUS, JOSEPH B.	2,279,922	CLUTTERBUCK, THIMOTHY A.	2,279,925
ARMSTRONG WORLD INDUSTRIES, INC.	2,279,445	BIELFELDT, FRIEDRICH B.	2,278,898	COLANGELO, JOHN F., JR.	2,276,864
ARNAUD, PASCAL	2,279,501	BIELFELDT, FRIEDRICH B.	2,278,899	COMBES, JAMES R.	2,279,162
ARNOLD, THOMAS	2,279,692	BIELFELDT, FRIEDRICH B.	2,278,911	COMMTECH CORPORATION	2,279,931
ARZNEIMITTELWERK DRESDEN GMBH	2,279,692	BIELFELDT, FRIEDRICH B.	2,279,810	CONTINENTAL AKTIENGESELLSCHAFT	2,279,772
ASTEN, INC.	2,247,720	BIENVENU, DAPHNE	2,276,908	COSTA, ROGERIO	2,280,078
ASTEN, INC.	2,247,736	BIO-ORIENTED TECHNOLOGY RESEARCH ADVANCEMENT INSTITUTION	2,269,111	COURTIN, CHRISTIAN	2,279,470
ASTEN, INC.	2,250,308	BIO-ORIENTED TECHNOLOGY RESEARCH ADVANCEMENT INSTITUTION	2,269,111	CSELT - CENTRO STUDI E LABORATORI TELECOMUNICAZIONI S.P.A.	2,280,242
ASTRON ELASTOMERPRODUKTE GESELLSCHAFT M.B.H.	2,278,273	BLAND, CHARLES	2,279,653	CUEFF, VALÉRIE	2,279,107
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BAIER, MARTIN	2,279,654	BODINE, DARRYL C.	2,279,150	DAENEN, ROBERT H.C.M.	2,278,885
		BOHLING, PETER	2,279,556	DAIMLERCHRYSLER CORPORATION	2,279,720
		BOHMAN, KURT A.	2,279,130		
		BORNHORST, DON	2,279,130		
		BOUQUIER, JEAN-FRANÇOIS	2,279,754		
		BOWE, DONALD JAMES	2,279,171		



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ANDREW	2,279,747	FORBES, JAMES	2,280,240	HILLSTROM, DAVID U.	2,280,260
DAVIS, JAMES ARTHUR	2,276,303	FOURNIER, Eric	2,273,621	HINTERLONG, Stephen Joseph	2,273,600
DE CACQUERAY, BENOIT	2,279,754	FOURON, JEAN-YVES	2,279,501	HIRAKI, TADAYOSHI	2,279,744
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DE PETRIS, GIANLUCA	2,280,242	FRIEDHUBER, JOHANN	2,279,783	HO, YEU-CHAUN S.	2,280,199
DEAD SEA MAGNESIUM		FUJIMURA, KO	2,279,941	HOELSCHER, WAYNE A.	2,276,503
LTD.	2,279,556	FUJIMURA, KO	2,280,269	HOKKAIDO GOVERNMENT	2,278,396
DECALUWE, CRAIG L.	2,278,092	FUJITA, KUNIAKI	2,278,865	HONDA GIKEN KOGYO	
DEERE & COMPANY	2,242,230	GARG, DIWAKAR	2,279,171	KABUSHIKI KAISHA	2,279,656
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DEERE & COMPANY	2,242,499	GARROCHO, JOSE	2,279,658	KABUSHIKI KAISHA	2,279,805
DEGUSSA-HULS		GASTEYER, THEODORE III	2,280,199	HONDA GIKEN KOGYO	
AKTIENGESELLSCHAFT	2,279,755	GELARDI, PAUL J.	2,279,706	KABUSHIKI KAISHA	2,280,076
DEILMANN-HANIEL		GENERAL MILLS, INC.	2,279,715	HOOVER, DENNIS JAY	2,279,732
MASCHINEN- UND		GET INC.	2,279,624	HOSHI, HISAYUKI	2,280,064
STAHLBAU GMBH	2,268,400	GINGRAS, Denis	2,244,690	HOSHIMURA, HIDEJI	2,279,422
DEKKO HEATING		GITLIN, Richard Dennis	2,273,781	HOSHIZAKI, T. Blaine	2,273,621
TECHNOLOGIES, INC.	2,263,723	GIVOGUE, Gerry	2,244,590	HOSOYA, TAKASHI	2,279,794
DEMONG, Maurice	2,245,223	GOLDEN, Ronald	2,242,309	HOWLETT, JOHN J., JR.	2,277,193
DIDILLON, BLAISE	2,280,397	GOLDEN, Suzanne	2,242,309	HOWMEDICA GMBH	2,279,761
DiFRANK, FRANK J.	2,278,041	GOMEZ GOMEZ, CARLOS		HRYN, JOHN N.	2,279,698
DIRECTOR GENERAL OF		JAVIER	2,279,336	HSIEH, JIAN J.	2,279,931
JAPAN INTERNATIONAL		GOMEZ GOMEZ, CARLOS		HSU, WEN-LIANG	2,277,666
RESEARCH CENTER FOR		JAVIER	2,279,568	HUANG, Ching Yao	2,273,782
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DIRECTOR GENERAL OF		GOTO, Hideki	2,273,602	HUTSON, LAWRENCE E.	2,277,535
NATIONAL INSTITUTE		GRAF, MATTHIAS	2,278,899	I.T.W. DE FRANCE	2,279,470
OF AGROBIOLOGICAL		GRANIK, VLADIMIR	2,279,692	IBA, Koh	2,269,202
RESOURCES, MINI	2,244,234	GREIVENKAMP, John E., Jr.	2,246,438	ICHIKAWA CO., LTD.	2,279,781
DNAVEC RESEARCH INC.	2,240,611	GRENIER, Gilles	2,243,416	IGWE, Godwill M.	2,242,732
DOHLER, HARDI	2,279,811	GREVEN, DOUGLAS A.	2,279,715	IGWE, Godwill M.	2,242,737
DONOVAN, STEVEN P.	2,277,535	GRINA, LARRY DALE	2,276,900	IHARA & COMPANY LTD.	2,278,396
DOWNS, SUZANNE A.	2,280,251	GRIZIK, SOFIA	2,279,692	IKEDA, HARUSHIGE	2,279,781
DSM FINE CHEMICALS		GROC, PHILIPPE	2,280,394	IKEMURA, NORIHISA	2,279,805
AUSTRIA GMBH	2,279,783	GROTE INDUSTRIES, INC.	2,277,630	IKENAGA, AKIHITO	2,280,241
DUSSAULT, JAMES R.	2,279,706	GRYCZA, DANIEL	2,280,394	ILLINOIS TOOL WORKS INC.	2,276,839
DYER, Allan E.	2,252,255	GUARDIAN CONTAINMENT		ILLINOIS TOOL WORKS INC.	2,276,864
EASTMAN KODAK		CORP.	2,279,570	ILLINOIS TOOL WORKS INC.	2,277,193
COMPANY	2,277,194	GUDE, Dieter	2,268,400	ILLINOIS TOOL WORKS INC.	2,277,441
EASTMAN KODAK		GUELOU, YANN	2,280,394	ILLINOIS TOOL WORKS INC.	2,278,061
COMPANY	2,277,601	GULLER, ROLF	2,279,817	IMPERIAL OIL	2,249,696
EATON CORPORATION	2,279,654	GURBANI, Vijay Kumar	2,273,599	INDUSTRIAL THERMO	
EBBRECHT, THOMAS	2,279,811	GUY & O'NEILL, INC.	2,275,072	POLYMERS LIMITED	2,245,235
EIN KOHSAN CO., LTD.	2,279,422	GUY, MICHAEL G.	2,275,072	INPUT/OUTPUT, INC.	2,277,635
ELF ATOCHEM NORTH		GUZMAN, ARACELI	2,278,092	INPUT/OUTPUT, INC.	2,279,694
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ENDOH, SHIGERU	2,279,624	HAIDE, JANOS	2,277,635	PETROLE	2,280,397
EPPE, KLAUS PETER	2,279,807	HAISCH, Douglas C.	2,244,699	INVESTRONICA SISTEMAS,	
EPPINGER, OTTO RICHARD	2,279,713	HALASA, ADEL FARHAN	2,277,666	S.A.	2,279,450
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ESSELBORN, EBERHARD	2,279,812	HAMANN, DALE R.	2,275,072	ISELI, JAMES	2,279,694
ETHYL CORPORATION	2,276,900	HAMANN, WINFRIED	2,279,811	ISHIKAWA, SHIGEKAZU	2,279,607
ETIENNE LACROIX TOUS		HANESSIAN, STEPHEN	2,280,395	ITOH, MITSURU	2,279,158
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F. HOFFMANN-LA ROCHE AG	2,279,796	HEALY, DONALD A.	2,279,565	JARRETT, BLAKE	2,279,621
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JOHNSON, Lee Alan	2,242,499	LEE, Henry J.	2,250,308	INDUSTRIAL CO., LTD.	2,242,048
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KATO, TADAHIRO	2,279,737	LOHRI, BRUNO	2,279,817	CORPORATION	2,279,815
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KAWAMOTO, IZURU	2,278,865	LOPEZ GOMEZ, JOSÉ LUIS	2,279,568	MOISSON-FRANCKHAUSER,	
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KELLY, THOMAS L.	2,279,914	LOWMAN, Andrew E.	2,246,438	MONTGOMERY, JAMES R.	2,279,922
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LLC	2,279,633	INC.	2,273,599	COMPANY	2,278,990
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KIMBERLY-CLARK		INC.	2,273,781	NAGAI, KATSUMI	2,279,567
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KINNE, Margot	2,244,601	INC.	2,273,782	NAGASHIMA, KOJI	2,278,396
KITCHEN, SIMON JAMES	2,280,221	LUCENT TECHNOLOGIES		NAGATA, KOUICHI	2,279,815
KLINKHAMMER, UWE	2,279,796	INC.	2,275,270	NAKADE, Isamu	2,242,048
KLUG, ALEXANDER	2,279,609	LUCENT TECHNOLOGIES		NAKAGAWA, Hitoshi	2,244,234
KNEBELKAMP, ARNO	2,279,812	INC.	2,275,910	NANKE, Trent Richard	2,273,600
KOHLER, JOSEPH	2,278,092	LUCENT TECHNOLOGIES,		NATIONAL STARCH AND	
KOMEDA, OSAMU	2,279,806	INC.	2,276,812	CHEMICAL	
KOMINE, HIROSHI	2,278,071	LUTZ, CHRISTIAN	2,279,761	INVESTMENT HOLDING	
KOMINE, HIROSHI	2,278,072	LYNCH, RUE ALLEN	2,279,800	CORPORATION	2,279,701
KONDO, TAKATOSHI	2,279,656	MAJCHROWICZ, MICHAEL	2,277,522	NEMCHINSKY, VALERIAN	2,279,800
KONDOU, TAKAHIKO	2,279,794	MARKETING DISPLAYS		NERENBERG, Bruno	2,246,099
KOPP, RICHARD	2,279,740	INTERNATIONAL	2,280,260	NEWSON, PAUL	2,279,757
KOTZ, RAINER	2,279,761	MARKO I.R.D.C. INC.	2,242,109	NIIZATO, TOMONORI	2,280,076
KRAFT FOODS, INC.	2,244,764	MARKO I.R.D.C. INC.	2,279,658	NIOSI, Donald Emil	2,242,230
KRALEVICH, MARK LESLIE		MARNER, ALFRED WILLIAM	2,279,800	NIPPON TELEGRAPH AND	
JR.	2,277,542	MARQUIP, INC.	2,279,818	TELEPHONE	
KRAMER, Arthur	2,270,857	MARSCHKE, CARL R.	2,279,818	CORPORATION	2,279,941
KRIEGER, Hartmut	2,244,471	MARSDEN, JAMES		NIPPON TELEGRAPH AND	
KRINGS, ULRICH	2,279,755	GARFIELD	2,279,171	TELEPHONE	
KRUECKL, Edward	2,245,223	MARUTANI, TETSUYA	2,278,865	CORPORATION	2,280,269
KRYSHAK, MICHAEL T.	2,275,072	MARZULLO, PHIL A.	2,279,931	NIPPON THERMOSTAT CO.,	
KUKKALA, PRAVIN K.	2,279,701	MASCHINENFABRIK J.		LTD.	2,244,783
KULKARNI, Arun	2,242,732	DIEFFENBACHER GMBH		NISHIBORI, SADA O	2,279,422
KULKARNI, Arun	2,242,737	& CO.	2,278,898	NISHIDA, Hiroto	2,242,048
KUSANO, Tomonobu	2,269,202	MASCHINENFABRIK J.		NOBLE, H. LEE	2,279,742
KUSTERMANN, MARTIN	2,279,609	DIEFFENBACHER GMBH		NORDIN, Ronald Alex	2,273,600
KYUSHU UNIVERSITY	2,269,202	& CO.	2,278,899	NORQUEST, ROBERT C.	2,280,251
LABUDA, Ivica Maria	2,244,764				

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NORTEL NETWORKS CORPORATION	2,279,773	RENARD, PIERRE	2,280,395	SHINOZAKI, Kazuko	2,269,111
NORTEL NETWORKS CORPORATION	2,279,776	RETZLOFF, JAMES G.	2,279,114	SHIODA, Tatsuo	2,240,611
NOVOTNY, Robert Allen	2,273,600	RIGSBY, BRUCE SCOTT	2,277,630	SHIPP, DAVID D.	2,279,654
OAR COMPANY	2,279,624	RISK, JAMES R., JR.	2,277,630	SHONAN GOSEI-JUSHI	
OBA, KAZUYUKI	2,278,865	ROBERT, Pascal	2,242,113	SEISAKUSHO K.K.	2,279,624
OLIVER, JAY T.	2,276,503	ROBERT, PASCAL	2,279,703	SHOOK, JOHN B.	2,279,718
OLSON, WILLIAM J.	2,278,061	ROBEY, RAYMOND J.	2,280,240	SHOSHONE STATION LLC	2,280,077
ONTARIO POWER GENERATION INC.	2,279,659	ROBIONEK, BERND	2,279,761	SIEMENS MEDICAL SYSTEMS, INC.	2,279,778
ORIGIN MEDSYSTEMS, INC.	2,279,661	RODRIQ, BENNY	2,275,080	SIGMAR, AXEL	2,277,635
OWENS-BROCKWAY GLASS CONTAINER INC.	2,278,041	ROFF, ROGER R.	2,280,071	SILANIS TECHNOLOGY INC.	2,242,130
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PARKER, RICHARD L.	2,279,715	ROOT, GERALD M.	2,279,621	SILVESTER, Joseph	2,242,130
PASTERNAK, BARTON A.	2,279,760	ROSATI, ROBERT LOUIS	2,279,747	SIOCHI, RAMON ALFREDO CARVALHO	2,279,778
PATEL, KARTIK A.	2,279,445	ROSSOW, SCOTT R.	2,276,653	SIWINSKI, John Stephen	2,266,191
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PATENTES TALGO, S.A.	2,279,568	ROY, MAGALIE	2,280,397	SMITH, TIMOTHY W.	2,278,417
PAX, BRYAN	2,279,130	RUGH, WILLIAM B.	2,278,041	SMITHKLINE BEECHAM P.L.C.	2,248,989
PELLIN, MICHAEL J.	2,279,698	RUPRECHT, HANS-DIETER	2,279,740	SNAP-ON TECHNOLOGIES, INC.	2,279,565
PELZ, Dieter	2,273,669	SAKUMA, NORIO	2,279,781	SNOW BRAND MILK PRODUCTS CO., LTD.	2,280,241
PÉREZ GONZALEZ, JOSÉ RAMON	2,279,450	SAKURAI, TOSHIO	2,280,241	SOMERTON, Bruce Edward	2,244,758
PERSINGER, Michael	2,263,723	SALEM, GEORGE		SPORT MASKA INC.	2,273,621
PETROGIANNIS, Tommy	2,242,130	FREDERICK	2,280,221	SPURR, ROBERT W.	2,277,194
PFIZER PRODUCTS INC.	2,279,732	SALVAGNINI ITALIA S.P.A.	2,278,875	SPURR, ROBERT W.	2,277,601
PFIZER PRODUCTS INC.	2,279,747	SAMSON, Marc	2,242,276	SPYROU, Evangelos	2,273,621
PHAN, CAO THANH	2,276,907	SAMSON, Marc	2,242,277	SRINIVASAN, SANJAY	2,276,900
PHAN, CAO THANH	2,276,908	SANCHEZ REVUELTA, ANGEL LUIS		STADTMULLER, STEFAN	2,279,811
PHAN, CAO THANH	2,277,938	SANCHEZ REVUELTA, ANGEL LUIS	2,279,336	STANTON, KELLY	2,279,570
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PICKERING, THOMAS R.	2,279,437	SANGER, KURT M.	2,277,666	SULZER INNOTEC AG	2,276,923
PIRELLI CABLES & SYSTEMS, L.L.C.	2,279,605	SANGER, KURT M.	2,277,194	SUMITOMO BAKELITE COMPANY LIMITED	2,273,602
PLATT, ROBERT JOHN	2,279,611	SANO, Mitsuhiro	2,244,783	SUMITOMO CHEMICAL COMPANY, LIMITED	2,280,064
PLAYTEX PRODUCTS, INC.	2,280,251	SATO, KAORU	2,280,241	SUMITOMO SPECIAL METALS CO., LTD.	2,277,734
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POGANY, DANIEL T.	2,278,882	SCHICK, PETER	2,279,807	SUMMER, Billy	2,247,736
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PRATT, Ronald Lee	2,242,499	SCHMID, RUDOLF	2,279,817	TAKAMATSU, MINORI	2,278,396
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QUESTEL, JOHN M.	2,278,882	SEKISUI JUSHI KABUSHIKI KAISHA	2,278,865	TECHNIP FRANCE	2,280,399
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		SHEN, XIAOLAN	2,278,990	TH. GOLDSCHMIDT AG	2,279,811
		SHIMADA, Takiko	2,269,202	TH. GOLDSCHMIDT AG	2,279,812
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THOMAS, PIERRE-ARMAND	2,280,403	XEROX CORPORATION	2,279,437
TOKIN CORPORATION	2,279,607	YAMADA, KUNISHIGE	2,278,396
TOMINAGA, AKIRA	2,279,744	YAWATA, TAKESHI	2,279,744
TOMIYAMA, TAKESI	2,279,737	YOKOSHIMA & COMPANY	2,279,624
TONELLO, ANDREA M.	2,276,812	YOKOSHIMA, YASUHIRO	2,279,624
TOPY KOGYO KABUSHIKI KAISHA	2,279,158	YOSHIDA, YASUHIKO	2,279,656
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TRW INC.	2,278,071		
TRW INC.	2,278,072		
TUCKER, GORDON	2,280,395		
TURNER, TOMMIE ZACK	2,279,800		
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VISKASE CORPORATION	2,266,191		
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