

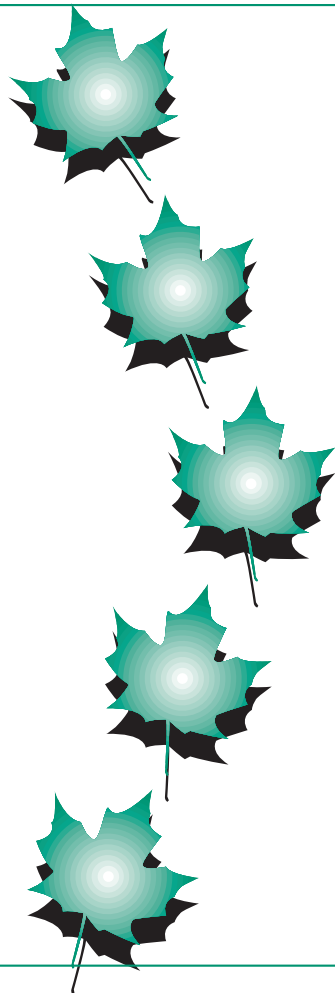


**Canadian  
Intellectual Property  
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**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

Vol. 127, No. 44 November 2, 1999

Vol. 127, N° 44 le 2 novembre 1999

**Canada**

CIPO  OPIC

# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

P. Trépanier  
Acting Commissioner of Patents

P. Trépanier  
Commissaire intérimaire aux brevets

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

Le Bureau des brevets ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Starting with the issue of November 2, 1999, Public Works & Government Services Canada (PWGSC) will no longer be managing subscriptions to the *Patent Office Record* (POR). PWGSC will provide subscribers with a credit and/or refund for the unused portion of their subscription.

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

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

To facilitate this transition, CIPO will automatically supply paper copies of the November editions of the *Patent Office Record* to all current subscribers. Clients who wish to continue receiving copies of this publication after November 30, 1999 should contact our office by November 15, 1999.

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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) cessera 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.

Pour faciliter cette transition, l'OPIC distribuera automatiquement à ses abonnés les numéros de novembre sur support papier de la *Gazette du Bureau des brevets*. Les personnes qui désirent recevoir des exemplaires papier après le 30 novembre 1999 doivent en aviser notre bureau avant le 15 novembre 1999.

Pour communiquer avec nous :

Site Web : <http://opic.gc.ca> sous la rubrique Communiquer avec nous, Demandes de renseignements reliés à la propriété intellectuelle

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

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

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

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## Notices

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

#### Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

#### Code Numerals

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

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

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

## Avis

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

#### Dates

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

#### Chiffres de code

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

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

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

## 2. Country Code

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

## 3. Canadian Class Titles

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

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

## 4. Class Schedules and Definitions

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

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

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

### A) Paper Copies

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$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.

The charge of eight dollars (\$8) per paper copy or the charge of four dollars (\$4) per microfiche copy plus postage and taxes will apply for 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.

Numéro sans frais Amérique du Nord: 1-800-567-1914

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:

- Précis de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Pages couvertures, revendications et dessins de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Exemplaires complets de brevets canadiens délivrés, chaque semaine, par ordre numérique (microfilm 16 mm).

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## Avis

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Courriel: tic@micromedia.on.ca

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

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

### 7. Advice on Making a Patent Application

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 under 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 this week for sale or licensing.

2,120,890

### 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. 1,135,000 which issued on November 2, 1982 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.

2,120,890

### 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 2 novembre 1982 sont maintenant expirés, jusque et y compris le no. 1,135,000. 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 JULY 15, 1999

#### BARÈME DE TAXES À PARTIR DU 15 JUILLET 1999

FEES	AMOUNTS \$
1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b> (Rule 15.2(a))	641.00
Amount for each additional sheet over 30	15.00
3. <b>Designation Fee:</b> (Rule 15.2(a))	148.00
The maximum that can be charged for the Designation Fee is \$1,480.00; therefore, if more than 10 countries are designated the fee remains \$1,480.00	

4. <b>International Search Fee</b>	1,874.00
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. <b>Late Payment Fee</b>	50% of the fees that are due, or, Minimum: Transmittal Fee Maximum: Basic Fee
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#### Preliminary Examination

6. <b>Handling Fee:</b> (Rule 57.2(a))	289.46 Deutsche Marks 148.00 Euro Dollars
7. <b>Preliminary Examination Fee:</b> (Rule 58)	2,998.29 Deutsche Marks 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 \$197.00 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))	641,00
Montant pour chaque feuille au delà de 30	15,00
3. <b>Taxe de désignation</b> (par pays) (Règle 15.2(a))	148,00
Le maximum payable pour la taxe de désignation est de 1 480,00 \$; donc, si plus que 10 pays sont désignés, la taxe demeure 1 480,00 \$.	

4. <b>Taxe de recherche internationale</b>	1 874,00
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. <b>Taxe pour paiement tardif</b>	50% du montant impayé, ou, Minimum: taxe de transmission Maximum: taxe de base
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#### Examen préliminaire

6. <b>Taxe de traitement:</b> (Règle 57.2(a))	289,46 marks allemands 148,00 dollars euro
7. <b>Taxe d'examen préliminaire:</b> (Règle 58)	2 998,29 marks allemands 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 197,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

## Notices

### 15. PCT Notices

#### **PCT Signature Requirements**

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

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

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

### 16. Lay-Open Applications

The Patent Office Record of November 2, 1999 contains laid-open applications from October 10, 1999 - October 16, 1999.

### 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>.

### 16. 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 10 octobre 1999 - 16 octobre 1999.

## Avis

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PERMETTANT D'ERIGER UNE  
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[72] Drost, Jim L., US  
[73] Musco Corporation, US  
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[30] US (07/472,822) 1990-01-31

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[11] **2,045,471**  
[13] C

[51] **Int.Cl. 6A45B 25/22**  
[25] EN  
[54] **WINDPROOF UMBRELLA**  
[54] **PARAPLUIE A L'EPREUVE DU VENT**  
[72] Johnson, Gary D., US  
[72] Hochfeld, Stanley, US  
[72] Holtz, Leonard, US  
[73] Johnson, Gary D., US  
[73] Hochfeld, Stanley, US  
[73] Holtz, Leonard, US  
[85] 1991-07-31  
[86] 1990-02-09 (PCT/US90/00796)  
[87] (WO90/09118)  
[30] US (07/309,621) 1989-02-10

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[11] **2,045,941**  
[13] C

[51] **Int.Cl. 6C07D 251/34 6C08G 18/02**  
[25] FR  
[54] **OLIGOMERES A MOTIFS ISOCYANURATES COMPORTANT DES FONCTIONS HYDROXYLES, URETHANES, ISOCYANATES OU ACRYLIQUES ET LEURS COMBINAISONS, ET LEURS PROCEDES DE FABRICATION**  
[54] **OLIGOMERS WITH ISOCYANURATE PATTERNS CONTAINING HYDROXYL, URETHANE, ISOCYANATE OR ACRYLIC GROUPS AND THEIR COMBINATION, AND THEIR PREPARATION PROCESS**  
[72] Vanhoye, Didier, FR  
[72] Grosius, Paul, FR  
[73] ATOCHEM, FR  
[22] 1991-06-28  
[30] FR (90.08316) 1990-07-02

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[11] **2,046,304**  
[13] C

[51] **Int.Cl. 6B01J 8/06 6B01J 12/00**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR EXOTHERMIC REACTIONS**  
[54] **CHAMBRE DE REACTION POUR CONVERSION CATALYTIQUE EXOTHERMIQUE ET PROCEDE MIS EN OEUVRE**  
[72] Stahl, Henrik O., DK  
[73] Haldor Topsoe A/S, DK  
[85] 1991-08-01  
[86] 1990-02-12 (PCT/DK90/00034)  
[87] (WO90/09234)  
[30] DK (713/89) 1989-02-16

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[11] **2,049,561**  
[13] C

[51] **Int.Cl. 6B41F 31/14 6B41F 13/08**  
[25] EN  
[54] **OSCILLATOR APPARATUS FOR IMPARTING AXIAL OSCILLATIONS TO A ROLLER**  
[54] **OSCILLATEUR SERVANT A IMPRIMER DES OSCILLATEURS AXIALES A UN ROULEAU**  
[72] Moore, Andrew L., US  
[73] GOSS GRAPHIC SYSTEMS, INC., US  
[22] 1991-08-20  
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[11] **2,053,911**  
[13] C

[51] **Int.Cl. 6C12N 15/62 6C07K 19/00 6A01N 63/02 6C12N 15/13 6C07K 14/21 6C07K 16/28 6C12N 15/31 6A61K 39/395 6A61K 47/48**  
[25] EN  
[54] **RECOMBINANT ANTIBODY-TOXIN FUSION PROTEIN**  
[54] **PROTEINES RECOMBINANTES DE FUSION ANTICORPS-TOXINE**  
[72] Pastan, Ira H., US  
[72] FitzGerald, David, US  
[72] Queen, Cary L., US  
[72] Waldmann, Thomas A., US  
[72] Chaudhary, Vijay K., US  
[73] Protein Design Laboratories, Inc., US  
[73] United States of America, represented by the, US  
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[86] 1990-04-20 (PCT/US90/02097)  
[87] (WO90/12592)  
[30] US (341,361) 1989-04-21

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[11] **2,055,147**  
[13] C

[51] **Int.Cl. 5G06F 15/20 5F24F 11/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETERMINING THE UNCOVERED SIZE OF AN OPENING ADAPTED TO BE COVERED BY MULTIPLE MOVEABLE DOORS**  
[54] **APPAREIL PERMETTANT DE DETERMINER LA GRANDEUR DE L'OUVERTURE LAISSEE PAR DES PANNEAUX MOBILES MULTIPLES ET METHODE CONNEXE**  
[72] Ahmed, Osman, US  
[72] Bradley, Steven Arthur, US  
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[73] SIEMENS BUILDING TECHNOLOGIES, INC., US  
[22] 1991-11-07

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[13] C

[51] **Int.Cl. 5F01M 9/10 5F01L 1/04**  
[25] EN  
[54] **VALVE GEAR OILING SYSTEM FOR OVERHEAD CAMSHAFT ENGINE**  
[54] **SYSTEME DE GRAISSAGE DES TIGES ET DES LEVIERS DE SOUPAPES POUR UN MOTEUR A ARBRE A CAMES EN TETE**  
[72] Hudson, Eric B., US  
[73] TECUMSEH PRODUCTS COMPANY, US  
[22] 1991-11-25  
[30] US (07/618,167) 1990-11-26

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[11] **2,056,289**  
[13] C

[51] **Int.Cl. 5B64C 27/82 5B64C 27/20**  
[25] EN  
[54] **SHROUD-FIN INTEGRATION SHELF FOR A HELICOPTER EMPENNAGE STRUCTURE**  
[54] **PLAQUE D'INTEGRATION CARENAGE - PLAN POUR LA STRUCTURE D'EMPENNAGE D'UN HELICOPTERE**  
[72] Weiner, Steven David, US  
[72] Moffitt, Robert Carlisle, US  
[73] United Technologies Corporation, US  
[22] 1991-11-27  
[30] US (683,642) 1991-04-11

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[11] **2,058,770**  
[13] C

[51] **Int.Cl. 6H05C 1/00 6A01K 15/00**  
[25] EN  
[54] **ANIMAL MOVEMENT CONTROL SYSTEM**  
[54] **SYSTEME POUR SUIVRE LE DEPLACEMENT D'UN ANIMAL**  
[72] Giunta, James M., US  
[73] Invisible Fence Company, Inc., US  
[85] 1991-12-06  
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[87] (WO91/00005)  
[30] US (370,702) 1989-06-23

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[11] **2,058,863**  
[13] C

[51] **Int.Cl. 6A63B 57/00 6A63B 69/36**  
[25] EN  
[54] **GOLF DRIVING MAT**  
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[72] Hooper, Michael, CA  
[73] 766089 ALBERTA LTD., CA  
[22] 1992-01-07

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[13] C

[51] Int.Cl. 6F02D 41/14 6F02D 41/32  
[25] EN  
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SPEEDILY WARMING UP CATALYST  
IN INTERNAL COMBUSTION ENGINE  
[54] APPAREILLAGE DE  
REGULATION POUR LE  
RECHAUFFAGE RAPIDE DU  
CATALYSEUR DANS UN MOTEUR A  
COMBUSTION INTERNE  
[72] Nishikawa, Seiithirou, JP  
[72] Kikuchi, Toshiaki, JP  
[72] Kinugawa, Masumi, JP  
[73] Nippondenso Co., Ltd., JP  
[22] 1992-01-31  
[30] JP (3-18695) 1991-02-12  
[30] JP (3-150640) 1991-06-21

[11] 2,064,353  
[13] C

[51] Int.Cl. 6G06T 1/00 6G06F 7/04 6B41J  
2/04 6B41J 2/07 6B41J 2/21 6H04N 1/21  
6H04N 1/32 6H04N 1/46 6G06K 9/62  
[25] EN  
[54] IMAGE PROCESSING  
APPARATUS AND COPYING  
MACHINE  
[54] APPAREIL DE TRAITEMENT  
D'IMAGES ET MACHINE  
REPROGRAPHIQUE  
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[72] Udagawa, Yutaka, JP  
[72] Funada, Masahiro, JP  
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[22] 1992-03-27  
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[30] JP (3-160381) 1991-07-01  
[30] JP (3-160379) 1991-07-01  
[30] JP (3-252218) 1991-09-30  
[30] JP (4-043896) 1992-02-28

[11] 2,065,487  
[13] C

[51] Int.Cl. 6A61F 13/02  
[25] EN  
[54] ABSORBENT, MOISTURE  
TRANSMITTIVE OCCLUSIVE  
DRESSING  
[54] PANSEMENT OCCLUSIF,  
ABSORBANT, HYGROTRANSMISSIF  
[72] Watson, Mary C., US  
[73] CHICOPEE, US  
[22] 1992-04-07  
[30] US (682,034) 1991-04-08

[11] 2,066,254  
[13] C

[51] Int.Cl. 5H01C 7/02  
[25] EN  
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[54] DISPOSITIF EN POLYMERE  
CONDUCTEUR  
[72] Emmett, Arthur F., US  
[73] RAYCHEM CORPORATION, US  
[85] 1992-03-06  
[86] 1990-09-10 (PCT/US90/05102)  
[87] (WO91/03822)  
[30] US (404,730) 1989-09-08

[11] 2,066,263  
[13] C

[51] Int.Cl. 6C12N 15/16 6G01N 33/566  
6C07K 14/72 6G01N 33/78  
[25] EN  
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[54] RECEPTEUR DE THYROTROPINE  
[72] Cone, Roger, US  
[73] New England Medical Center Hospitals,  
Inc., US  
[85] 1992-03-06  
[86] 1990-09-07 (PCT/US90/05066)  
[87] (WO91/03483)  
[30] US (404,899) 1989-09-08  
[30] US (565,669) 1990-08-10

[11] 2,066,752  
[13] C

[51] Int.Cl. 6C02F 3/12 6C02F 9/00 6C02F  
3/02  
[25] EN  
[54] SANITATION SYSTEM  
[54] SYSTEME DE TRAITEMENT DES  
EAUX  
[72] Humphrey, Frank, US  
[73] Humphrey, Frank, US  
[85] 1992-03-20  
[86] 1991-04-11 (PCT/US91/02487)  
[87] (WO92/02466)  
[30] US (561,416) 1990-08-01

[11] 2,074,290  
[13] C

[51] Int.Cl. 5F23G 7/06 5B01D 53/34  
[25] EN  
[54] INCINERATION OF WASTE GAS  
CONTAINING TOXIC OR OTHER  
FUMES IN THE FORM OF LIQUID  
DROPLETS  
[54] INCINERATION D'UN EFFLUENT  
GAZEUX CONTENANT DES VAPEURS,  
TOXIQUES OU AUTRES, SOUS FORME  
DE GOUTTELETTES DE LIQUIDE  
[72] Gosselin, Gérard, CA  
[72] Gravel, Jean J. O., CA  
[72] Drouin, Guy, CA  
[73] BIOTHERMICA INTERNATIONAL  
INC., CA  
[22] 1992-07-21  
[30] US (07/894,935) 1992-06-08

[11] 2,075,747  
[13] C

[51] Int.Cl. 6C08G 69/44 6C08L 77/12  
[25] EN  
[54] POLYAMIDE ESTER  
RHEOLOGICAL ADDITIVE, A  
SOLUTION CONTAINING THE  
ADDITIVE AND THICKENED  
COMPOSITIONS CONTAINING THE  
ADDITIVE  
[54] ADDITIF RHEOLOGIQUE POUR  
ESTER DE POLYAMIDE, SOLUTION  
CONTENANT CET ADDITIF ET  
COMPOSITIONS EPAISSIES QUI LE  
CONTIENNENT  
[72] Reichert, William W., US  
[72] Cooperman, Murray C., US  
[73] Rheox International Inc., US  
[22] 1992-08-11  
[30] US (07/745,716) 1991-08-16

[11] 2,076,476  
[13] C

[51] Int.Cl. 6F02C 9/00  
[25] FR  
[54] INVERSEUR DE POUSSEE DE  
TURBOREACTEUR AYANT UN BORD  
DE DEVIATION A COURBURE  
EVOLUTIVE  
[54] INVERSEUR DE POUSSEE DE  
TURBOREACTEUR AYANT UN BORD  
DE DEVIATION A COURBURE  
EVOLUTIVE  
[72] Legras, Michel Jean Lucien, FR  
[72] Carimali, Félix, FR  
[73] Société anonyme dite: HISPANO-  
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[22] 1992-08-20  
[30] FR (91.10475) 1991-08-21

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[11] **2,077,166**  
[13] C

[51] **Int.Cl. 6B23K 35/22**  
[25] EN  
[54] **GIRTH-WELDING PROCESS FOR A PIPE AND A HIGH CELLULOSE TYPE COATED ELECTRODE**  
[54] **PROCEDE DE SOUDAGE EN CIRCONFERENCE POUR TUYAUX ET ELECTRODE ENROBEE A HAUTE TENEUR EN CELLULOSE**  
[72] Sugino, Takeshi, JP  
[72] Naruse, Shouzou, JP  
[72] Endo, Shigeru, JP  
[72] Nagae, Moriyasu, JP  
[72] Itoh, Motokiyo, JP  
[73] **KABUSHIKI KAISHA KOBE SEIKO SHO a/k/a KOBE STEEL, LTD., JP**  
[73] **NKK CORPORATION, JP**  
[22] 1992-08-28  
[30] JP (3-219954) 1991-08-30  
[30] JP (3-248248) 1991-09-02  
[30] JP (4-168576) 1992-06-03

[11] **2,077,426**  
[13] C

[51] **Int.Cl. 6F16H 61/02 6F16H 59/14 6F16H 61/38**  
[25] EN  
[54] **VEHICLE AUTOMATIC TRANSMISSION CONTROL SYSTEM**  
[54] **SYSTEME DE COMMANDE DE VERROUILLAGE DE TRANSMISSION AUTOMATIQUE POUR VEHICULE**  
[72] Iwaki, Yoshihisa, JP  
[72] Sakai, Ichiro, JP  
[72] Sakaguchi, Shinichi, JP  
[73] **HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP**  
[22] 1992-09-02  
[30] JP (3-260,954) 1991-09-12

[11] **2,077,621**  
[13] C

[51] **Int.Cl. 6C07D 407/12 6C07F 7/10 6C07D 409/12 6C07D 407/14 6C07D 409/14 6C07D 413/14 6C07D 417/14 6A61K 31/34 6A61K 31/38 6A61K 31/395 6A61K 31/695**  
[25] EN  
[54] **FURYL AND THIENYL SUBSTITUTED TAXANES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**  
[54] **DERIVES DE SUBSTITUTION FURYLIQUES ET THIENYLIQUES DE TAXANES; COMPOSITIONS PHARMACEUTIQUES A BASE DE CES DERIVES**  
[72] Holton, Robert A., US  
[72] Beidiger, Ronald J., US  
[72] Nadizdeh, Hossain, US  
[73] **Florida State University, US**  
[22] 1992-09-04  
[30] US (07/763,805) 1991-09-23  
[30] US (07/862,819) 1992-04-03

[11] **2,078,553**  
[13] C

[51] **Int.Cl. 6F16L 13/14**  
[25] EN  
[54] **PIPE FITTING WITH IMPROVED COUPLING BODY**  
[54] **RACCORD DE TUYAU A CORPS DE COUPLAGE AMELIORE**  
[72] Benson, Robert W., US  
[72] Dietemann, Christopher G., US  
[72] Beiley, Mark J., US  
[72] Sareshwala, Soheli A., US  
[73] **Lokring Corporation, US**  
[85] 1992-09-17  
[86] 1991-03-14 (PCT/US91/01728)  
[87] (WO91/14895)  
[30] US (497,505) 1990-03-22

[11] **2,079,486**  
[13] C

[51] **Int.Cl. 6C07D 307/52 6A61K 31/15 6C07D 333/22 6A61K 31/34 6A61K 31/38 6C07C 251/40 6A61K 31/40 6A61K 7/42**  
[25] EN  
[54] **CHELATOR COMPOSITIONS COMPRISING ALPHA-DIAMINE COMPOUNDS**  
[54] **COMPOSITIONS D'AGENT CHELATANT COMPRENANT DES COMPOSES DE L'ALPHA-DIAMINE**  
[72] Bush, Rodney Dean, US  
[72] Bissett, Donald Lynn, US  
[73] **Procter & Gamble Company (The), US**  
[85] 1992-09-29  
[86] 1991-04-09 (PCT/US91/02400)  
[87] (WO91/16035)  
[30] US (514,892) 1990-04-26

[11] **2,079,893**  
[13] C

[51] **Int.Cl. 6E21B 10/12 6E21C 25/18**  
[25] EN  
[54] **RING CLAMP FOR A CUTTER RING IN A TUNNEL DRILLING MACHINE**  
[54] **COLLIER DE SERRAGE POUR OUTIL DE FORAGE DE GALERIE**  
[72] Narvestad, Stein, NO  
[73] **STEIN NARVESTAD A/S, NO**  
[85] 1992-10-05  
[86] 1991-04-05 (PCT/NO91/00055)  
[87] (WO91/15653)  
[30] NO (901585) 1990-04-06

[11] **2,080,494**  
[13] C

[51] **Int.Cl. 6C08L 29/04 6C09D 131/00 6C08L 31/00 6C08J 3/03 6C09D 129/04 6C09D 123/08 6C08L 23/08**  
[25] EN  
[54] **AQUEOUS DISPERSION AND SUBSTRATE COATED WITH THE SAME**  
[54] **DISPERSION AQUEUSE ET SUBSTRAT ENDUIT DE CETTE SUBSTANCE**  
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[72] Aoyama, Akimasa, JP  
[72] Tsuboi, Toshio, JP  
[72] Hirofuji, Satoshi, JP  
[72] Moritani, Takeshi, JP  
[73] **Kuraray Co., Ltd., JP**  
[85] 1992-10-13  
[86] 1992-02-13 (PCT/JP92/00144)  
[87] (WO92/14785)  
[30] JP (3-44282) 1991-02-15

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[11] 2,081,987  
[13] C

[51] Int.Cl. 5C09K 3/14  
[25] EN  
[54] BISMALÉIMIDE-TRIAZINE RESIN BONDED SUPERABRASIVE WHEELS  
[54] COMPOSITION SUPERABRASIVE POUR MEULES, LIÉE PAR UNE RESINE BISMALÉIMIDE-TRIAZINE  
[72] Ika, Prasad V., US  
[73] Norton Company, US  
[22] 1992-11-03  
[30] US (867,942) 1992-04-13

[11] 2,084,545  
[13] C

[51] Int.Cl. 6A61B 5/042  
[25] EN  
[54] APPARATUS FOR MONITORING BRONCHIAL ELECTROCARDIOGRAM  
[54] APPAREIL DE SURVEILLANCE D'UN ELECTROCARDIOGRAMME BRONCHIQUE  
[72] Kajiwara, Nagao, JP  
[72] Watanabe, Takayoshi, JP  
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[73] Watanabe, Takayoshi, JP  
[22] 1992-12-04  
[30] JP (3-360403) 1991-12-06

[11] 2,086,082  
[13] C

[51] Int.Cl. 6A47L 13/14 6A47L 13/20 6A47L 13/257  
[25] EN  
[54] CLEANING APPARATUS  
[54] DISPOSITIF DE NETTOYAGE  
[72] Sartori, Francesco, IT  
[73] Freudenberg, Carl, DE  
[22] 1992-12-22  
[30] DE (P 42 06 376.0) 1992-02-29

[11] 2,086,150  
[13] C

[51] Int.Cl. 6D06F 29/00 6D06F 41/00  
[25] EN  
[54] SPIN METHOD OF RINSING FABRIC IN A HORIZONTAL AXIS WASHER  
[54] METHODE DE RINCAGE PAR ESSORAGE CENTRIFUGE DANS UNE MACHINE A LAVER LE LINGE A AXE HORIZONTAL  
[72] Euler, John W., US  
[72] Kovich, Mark B., US  
[72] Farrington, Sheryl L., US  
[72] Pastryk, Jim J., US  
[72] Van Newenhizen, Jeanne C., US  
[72] Hardaway, Anthony H., US  
[73] Whirlpool Corporation, US  
[22] 1992-12-23  
[30] US (815,784) 1992-01-02

[11] 2,086,151  
[13] C

[51] Int.Cl. 6D06F 29/00 6D06F 41/00 6D06F 37/04 6D06F 39/08  
[25] EN  
[54] TUMBLE METHOD OF RINSING FABRIC IN A HORIZONTAL AXIS WASHER  
[54] METHODE DE RINCAGE PAR CULBUTAGE DANS UNE MACHINE A LAVER LE LINGE A AXE HORIZONTAL  
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[72] Kovich, Mark B., US  
[72] Farrington, Sheryl L., US  
[72] Pastryk, Jim J., US  
[72] Van Newenhizen, Jeanne C., US  
[72] Hardaway, Anthony H., US  
[73] Whirlpool Corporation, US  
[22] 1992-12-23  
[30] US (815,782) 1992-01-02

[11] 2,087,116  
[13] C

[51] Int.Cl. 6A23L 1/222  
[25] EN  
[54] FLAVOURING AGENT  
[54] AROMATISANT  
[72] Chablaix, Rene Eugene, CH  
[72] Hug, Daniel, CH  
[73] SOCIETE DES PRODUITS NESTLE S.A., CH  
[22] 1993-01-12  
[30] CH (596/92-3) 1992-02-26

[11] 2,088,395  
[13] C

[51] Int.Cl. 6H04L 5/14 6H04L 29/06  
[25] EN  
[54] APPARATUS AND METHODS FOR IMPLEMENTING PROTOCOLS  
[54] APPAREIL ET METHODE POUR TRANSMETTRE LES PROTOCOLES D'UTILISATION  
[72] Holzmann, Gerard Johan, US  
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US  
[22] 1993-01-29  
[30] US (830,291) 1992-02-10

[11] 2,088,680  
[13] C

[51] Int.Cl. 6E05C 19/16 6E05B 55/00  
[25] EN  
[54] A SELF LATCHING MAGNETIC LATCHING DEVICE  
[54] UN DISPOSITIF DE FERMETURE MAGNETIQUE A FONCTIONNEMENT AUTOMATIQUE  
[72] Doyle, David, AU  
[72] Dunne, Neil, AU  
[73] Doyle, David, AU  
[73] Dunne, Neil, AU  
[85] 1993-02-02  
[86] 1991-08-12 (PCT/AU91/00357)  
[87] (WO92/03631)  
[30] AU (PK 1704) 1990-08-13  
[30] AU (PK 5138) 1991-03-15

[11] 2,088,880  
[13] C

[51] Int.Cl. 5B01D 53/18 5B01D 53/34  
[25] EN  
[54] GAS-LIQUID CONTACT SYSTEM  
[54] SYSTEME DE CONTACT GAZ-LIQUIDE  
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[72] Johnson, Dennis W., US  
[72] Myers, Robert B., US  
[73] Babcock & Wilcox Company (The), US  
[22] 1993-02-05  
[30] US (832,557) 1992-02-07

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[11] **2,089,493**  
[13] C

[51] **Int.Cl. 6A61M 25/10**  
[25] EN  
[54] **BALLOON CATHETER WITH DISTAL GUIDE WIRE LUMEN**  
[54] **SONDE A BALLONNET DOTE D'UN FIL-GUIDE A SON EXTREMITE DISTALE**  
[72] Keith, Peter T., US  
[72] Euteneuer, Charles L., US  
[73] SCIMED LIFE SYSTEMS, INC., US  
[85] 1993-02-12  
[86] 1991-08-27 (PCT/US91/06089)  
[87] (WO92/03178)  
[30] US (574,265) 1990-08-28

[11] **2,094,541**  
[13] C

[51] **Int.Cl. 6H04L 12/12 6H04L 12/42 6H04L 12/46**  
[25] EN  
[54] **DUAL HUBBING IN A BIDIRECTIONAL LINE-SWITCHED RING TRANSMISSION SYSTEM**  
[54] **DOUBLE NOYAU POUR SYSTEME DE COMMUNICATION BIDIRECTIONNEL EN ANNEAU**  
[72] Kremer, Wilhelm, US  
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US  
[22] 1993-04-21  
[30] US (892,105) 1992-06-02

[11] **2,097,203**  
[13] C

[51] **Int.Cl. 5F01M 9/00 5F04D 7/00**  
[25] EN  
[54] **INTEGRALLY FORMED COUNTERWEIGHT FOR ROTOR END RING**  
[54] **CONTREPOIDS INCORPORE POUR BAGUE D'EXTREMITE DE ROTOR DE COMPRESSEUR**  
[72] Tomell, Phillip A., US  
[72] Maertens, Michael J., US  
[73] TECUMSEH PRODUCTS COMPANY, US  
[22] 1993-05-28  
[30] US (07/922,188) 1992-07-30

[11] **2,089,942**  
[13] C

[51] **Int.Cl. 6H01R 39/02**  
[25] EN  
[54] **TRANSMISSION DEVICE USED BETWEEN TWO RELATIVELY ROTATABLE COMPONENTS**  
[54] **DISPOSITIF DE TRANSMISSION UTILISE ENTRE DEUX ELEMENTS RELATIVEMENT ROTATIFS**  
[72] Obata, Ken, JP  
[72] Ueno, Seiichi, JP  
[72] Hasegawa, Masahiro, JP  
[73] Furukawa Electric Co., Ltd (The), JP  
[22] 1993-02-19  
[30] JP (4-69385) 1992-02-20

[11] **2,096,877**  
[13] C

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **HIGH BANDWIDTH PACKET SWITCH**  
[54] **COMMUTATEUR DE PAQUETS A LARGE BANDE**  
[72] McHarg, Christopher Gordon, US  
[72] Newman, Thomas Ellison, US  
[72] Schaff, Kenneth Nicholas, US  
[72] Wendland, Kenneth Edward, US  
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US  
[22] 1993-05-25  
[30] US (919,461) 1992-07-24

[11] **2,098,239**  
[13] C

[51] **Int.Cl. 5C07C 235/20 5C07C 255/16 5C07D 295/185 5C07C 205/56**  
[25] EN  
[54] **A PROCESS FOR PRODUCING AN AROMATIC COMPOUND BY ELECTROPHILIC REACTION AND AROMATIC COMPOUND DERIVATIVES**  
[54] **UNE METHODE DE PRODUCTION D'UN COMPOSE AROMATIQUE PAR REACTION ELECTROPHILE, ET DERIVES DUDIT COMPOSE AROMATIQUE**  
[72] Ohtani, Takashi, JP  
[72] Takaishi, Hideo, JP  
[72] Tsubata, Kenji, JP  
[72] Hamaguchi, Hiroshi, JP  
[73] NIHON NOHYAKU CO., LTD., JP  
[22] 1993-06-11  
[30] JP (04-181857) 1992-06-16  
[30] JP (04-289596) 1992-10-03

[11] **2,093,173**  
[13] C

[51] **Int.Cl. 5B65B 19/02**  
[25] EN  
[54] **LIFTING STRIP**  
[54] **BANDE TIRETTE**  
[72] Swart, Pierre Radyn, ZA  
[73] Tobacco Research and Development Institute Limited, LI  
[22] 1993-04-01  
[30] ZA (92/2376) 1992-04-01  
[30] ZA (92/3838) 1992-05-26

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

[51] **Int.Cl. 6H01L 23/40**  
[25] EN  
[54] **HEAT SINK MOUNTING SYSTEM FOR SEMICONDUCTOR DEVICES**  
[54] **SYSTEME DE MONTAGE DE DISSIPATEUR THERMIQUE POUR DISPOSITIFS A SEMICONDUCTEURS**  
[72] Goeschel, Frederick Gerald, US  
[72] Lanting, Mark Loring, US  
[72] McConnell, Arden Marcus, US  
[73] EATON CORPORATION, US  
[22] 1993-05-27  
[30] US (894,678) 1992-06-05

[11] **2,098,369**  
[13] C

[51] **Int.Cl. 6B08B 3/08**  
[25] EN  
[54] **INDUSTRIAL WASHERS FOR CLEANING METAL PARTS**  
[54] **MACHINES INDUSTRIELLES POUR LE NETTOYAGE DES PIECES METALLIQUES**  
[72] Guirl, James N., US  
[73] Guirl, James N., US  
[22] 1993-06-14  
[30] US (07/898,430) 1992-06-15

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[11] **2,099,904**  
[13] C  
[51] **Int.Cl. 6A01G 9/02 6A01G 9/10**  
[25] EN  
[54] **A METHOD FOR GROWING BOTANICAL ITEMS AND PROVIDING A DECORATIVE COVER FOR SAME**  
[54] **UNE METHODE DE REALISATION DE BAL A SEMIS PERMETTANT D'OBTENIR EN MEME TEMPS UN COUVERCLE DECORATIF**  
[72] Weder, Donald E., US  
[72] Straeter, William F., US  
[73] Southpac Trust International, Inc., NZ  
[22] 1993-07-06  
[30] US (07/922,302) 1992-07-30

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[11] **2,100,820**  
[13] C  
[51] **Int.Cl. 5C08B 37/16**  
[25] EN  
[54] **AMINO-CYCLODEXTRIN AND RELATED STRUCTURES**  
[54] **AMINO-CYCLODEXTRINE ET STRUCTURES APPARENTES**  
[72] Hanessian, Stephen, CA  
[73] Hanessian, Stephen, CA  
[22] 1993-07-19

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[11] **2,100,832**  
[13] C  
[51] **Int.Cl. 5B22D 21/00 5B22D 27/02 5B22D 18/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MAKING INTERMETALLIC CASTINGS**  
[54] **METHODE ET DISPOSITIF POUR L'OBTENTION D'UN COMPOSE INTERMETALLIQUE PAR COULEE**  
[72] Chandley, George Dixon, US  
[72] Flemings, Merton C., US  
[73] METAL CASTING TECHNOLOGY, INC., US  
[22] 1993-07-19  
[30] US (997,726) 1992-12-30

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[11] **2,103,338**  
[13] C  
[51] **Int.Cl. 6F02D 1/00**  
[25] EN  
[54] **FUEL SUPPLY SYSTEM WITH HIGH TURN DOWN RATIO**  
[54] **SYSTEME D'ALIMENTATION EN CARBURANT A HAUT DIFFERENTIEL DE DEBIT**  
[72] Danyluk, Paul R., US  
[73] COLTEC INDUSTRIES INC., US  
[22] 1993-11-17  
[30] US (07/977,937) 1992-11-18

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[11] **2,103,473**  
[13] C  
[51] **Int.Cl. 6B67D 1/06**  
[25] EN  
[54] **BEVERAGE DISPENSER**  
[54] **DISTRIBUTEUR DE BOISSON**  
[72] Goulet, Douglas P., US  
[73] IMI Cornelius Inc., US  
[22] 1993-11-19  
[30] US (029,073) 1993-03-10

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[11] **2,104,904**  
[13] C  
[51] **Int.Cl. 5G06F 15/72 5G06F 3/14**  
[25] EN  
[54] **STEREOSCOPIC DISPLAY METHOD AND APPARATUS**  
[54] **METHODE ET DISPOSITIF D'AFFICHAGE STEREOSCOPIQUE**  
[72] Ishimoto, Manabu, JP  
[72] Kato, Masayuki, JP  
[72] Aritake, Hirokazu, JP  
[72] Sato, Noriko, JP  
[73] FUJITSU LIMITED, JP  
[22] 1993-08-26  
[30] JP (260,920) 1992-09-30

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[11] **2,105,767**  
[13] C  
[51] **Int.Cl. 5H04B 1/40 5H04M 1/00**  
[25] EN  
[54] **DUAL SYSTEM CELLULAR CORDLESS RADIOTELEPHONE APPARATUS AND METHOD**  
[54] **APPAREIL DE RADIOTELEPHONIE CELLULAIRE SANS FIL BI-MODE ET METHODE CORRESPONDANTE**  
[72] Schellinger, Michael J., US  
[72] D'Avello, Robert F., US  
[72] Krolopp, Robert K., US  
[73] MOTOROLA, INC., US  
[85] 1993-09-08  
[86] 1992-12-02 (PCT/US92/09722)  
[87] (WO93/16560)  
[30] US (832,118) 1992-02-06

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[11] **2,106,295**  
[13] C  
[51] **Int.Cl. 5A61K 31/275 5A23K 1/18**  
[25] EN  
[54] **CONTROL OF SEA LICE IN SEAWATER FISH**  
[54] **LUTTE CONTRE LES POUX DE POISSON CHEZ LES POISSONS MARINS**  
[72] Braidwood, Julian Charles, GB  
[72] Johnston, Philip Ivan, GB  
[73] VERICORE LIMITED, GB  
[85] 1993-09-15  
[86] 1992-03-16 (PCT/GB92/00470)  
[87] (WO92/16106)  
[30] GB (9105694.5) 1991-03-18

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[11] **2,107,750**  
[13] C  
[51] **Int.Cl. 6G01F 1/66**  
[25] EN  
[54] **APPARATUS FOR DETERMINING FLUID FLOW**  
[54] **APPAREIL POUR DETERMINER LE DEBIT D'UN FLUIDE**  
[72] Hastings, Calvin R., US  
[72] Hauser, Ernest M., US  
[72] Miller, Robert C., US  
[73] CALDON, INC., US  
[22] 1993-10-05  
[30] US (957,411) 1992-10-06

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[11] **2,108,628**  
[13] C

[51] **Int.Cl. 6E04B 9/18**  
[25] EN  
[54] **SUSPENDED CEILING  
FRAMEWORK**  
[54] **OSSATURE DE PLAFOND  
SUSPENDU**  
[72] Neff, Eric Scott, US  
[73] Neff, Eric Scott, US  
[22] 1993-10-18

[11] **2,109,703**  
[13] C

[51] **Int.Cl. 6B01F 13/08**  
[25] EN  
[54] **CAPILLARY MIXING DEVICE**  
[54] **DISPOSITIF MELANGEUR PAR  
CAPILLAIRES**  
[72] Sugarman, Jeffrey, US  
[72] Gibbons, Ian, US  
[73] **ROCHE DIAGNOSTICS  
CORPORATION, US**  
[85] 1993-11-22  
[86] 1993-04-07 (PCT/US93/03248)  
[87] (WO93/20932)  
[30] US (07/867,155) 1992-04-10

[11] **2,110,096**  
[13] C

[51] **Int.Cl. 6A22C 13/00**  
[25] EN  
[54] **FIBROUS FOOD CASINGS  
HAVING MODIFIED RELEASE  
PROPERTIES AND METHODS OF  
MANUFACTURE**  
[54] **BOYAUX DE FIBRES AYANT UNE  
APTITUDE AU DECOLLAGE  
MODIFIEE ET METHODE DE  
FABRICATION**  
[72] Verschueren, Eric M. J., BE  
[72] Fichtner, Reinhard, BE  
[73] Devro-Teepak, Inc., US  
[22] 1993-11-26  
[30] US (08/096,320) 1993-07-23

[11] **2,111,815**  
[13] C

[51] **Int.Cl. 6H05K 9/00 6G11B 23/00  
6G10K 11/00 6G10K 15/00 6H05K 1/02  
6G11B 25/04 6G11B 25/06 6G06K 19/07  
6G11B 33/14 6H01B 7/18 6H01L 23/58**  
[25] EN  
[54] **SPECIFICALLY CONFIGURED  
SHEET MEMBERS OR ARTICLES FOR  
USE IN IMPROVING SOUND OR  
IMAGE QUALITY**  
[54] **FEUILLES OU ARTICLES DE  
CONFIGURATION PARTICULIERE  
POUR AMELIORER LA QUALITE DES  
SONS OU DES IMAGES**  
[72] Tanaka, Tatsuo, JP  
[73] MY-T Onken Co. Ltd., JP  
[22] 1993-12-17  
[30] JP (4-356099) 1992-12-18  
[30] JP (5-197870) 1993-07-14  
[30] JP (5-250134) 1993-09-10  
[30] JP (5-301250) 1993-11-04

[11] **2,112,651**  
[13] C

[51] **Int.Cl. 5C08B 15/00**  
[25] EN  
[54] **EXCIPIENT HAVING HIGH  
COMPACTABILITY AND PROCESS  
FOR PREPARING SAME**  
[54] **EXCIPIENT A HAUT DEGRE DE  
COMPACTIBILITE ET PROCEDE DE  
PREPARATION CORRESPONDANT**  
[72] Yaginuma, Yoshihito, JP  
[72] Nagatomo, Sueo, JP  
[72] Miyamoto, Hiroto, JP  
[73] **ASAHI KASEI KOGYO KABUSHIKI  
KAISHA, JP**  
[22] 1993-12-30  
[30] JP (5-000216) 1993-01-05

[11] **2,113,309**  
[13] C

[51] **Int.Cl. 6B65G 47/14 6B05B 13/02  
6B05D 1/04 6B05B 5/08**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
ELECTROSTATIC COATING OF  
ARTICLES**  
[54] **METHODE ET APPAREIL DE  
REVETEMENT ELECTROSTATIQUE  
D'ARTICLES**  
[72] Stone, James W., US  
[72] Kish, Frederick A., US  
[72] Wojcik, John, US  
[72] Van Erden, Donald L., US  
[72] Fredericksen, David E., US  
[72] Vadhar, Parimal M., US  
[73] **ILLINOIS TOOL WORKS INC., US**  
[22] 1994-01-13  
[30] US (018,144) 1993-02-16

[11] **2,113,316**  
[13] C

[51] **Int.Cl. 6G10L 5/06 6G10L 9/06  
6G10L 7/08 6G10L 9/14**  
[25] EN  
[54] **METHOD AND SYSTEM FOR  
RECOGNIZING PATTERN**  
[54] **METHODE ET SYSTEME DE  
RECONNAISSANCE DE FORMES**  
[72] Iso, Ken-Ichi, JP  
[73] **NEC CORPORATION, JP**  
[22] 1994-01-12  
[30] JP (5-003647) 1993-01-13

[11] **2,113,719**  
[13] C

[51] **Int.Cl. 6B64C 27/82 6B64C 27/45**  
[25] EN  
[54] **DUCTED FAN AND PITCH  
CONTROLS FOR TAIL ROTOR OF  
ROTARY WING AIRCRAFT**  
[54] **SOUFFLANTE CARENEE ET  
COMMANDES DE PAS, POUR ROTOR  
DE QUEUE D'AERONEF A VOILURE  
TOURNANTE**  
[72] Desjardins, Rene A., US  
[72] McArdle, Francis H., US  
[73] **BOEING COMPANY (THE), US**  
[85] 1994-01-18  
[86] 1992-07-31 (PCT/US92/06441)  
[87] (WO93/02916)  
[30] US (739,498) 1991-08-02

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[11] **2,115,158**  
[13] C  
[51] **Int.Cl. 5A61F 2/24 5A01N 1/02**  
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[54] **FIXATION DE VALVULE CARDIAQUE EN TISSU NATUREL**  
[72] Christie, Grant W., NZ  
[72] Eberhardt, Carol Elsa, US  
[73] MEDTRONIC, INC., US  
[85] 1994-02-07  
[86] 1992-08-06 (PCT/US92/06578)  
[87] (WO93/04643)  
[30] US (07/752,130) 1991-08-29

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[11] **2,115,559**  
[13] C  
[51] **Int.Cl. 6A47F 7/00 6A47F 5/00**  
[25] EN  
[54] **PRODUCT IDENTIFICATION TAG FOR FLAT BAR HOOK**  
[54] **ETIQUETTE DESCRIPTIVE POUR SUPPORT A MARCHANDISES A TIGE HORIZONTALE**  
[72] Fast, Jacob, US  
[72] Gebka, John, US  
[73] Fast Industries, Inc., US  
[85] 1994-02-11  
[86] 1992-09-02 (PCT/US92/07271)  
[87] (WO93/06583)  
[30] US (760,916) 1991-09-17

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[11] **2,116,379**  
[13] C  
[51] **Int.Cl. 6C12M 1/113 6C05F 17/02 6C02F 11/04**  
[25] EN  
[54] **FERMENTATION PLANT**  
[54] **INSTALLATIONS DE FERMENTATION**  
[72] SCHMUTZ, Urs, CH  
[72] RINDELAUB, Frank Alex Erich, CH  
[73] LINDE BRV BIOWASTE TECHNOLOGIES AG, CH  
[22] 1994-02-24  
[30] CH (00574/93-0) 1993-02-25

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[11] **2,116,398**  
[13] C  
[51] **Int.Cl. 6C08K 5/45 6A63B 37/12 6C08K 5/353**  
[25] EN  
[54] **GOLF BALL CONTAINING OPTICAL BRIGHTENER BLEND**  
[54] **BALLE DE GOLF A REVETEMENT CONTENANT UN AZURANT OPTIQUE**  
[72] Sullivan, Michael J., US  
[72] Binette, Mark L., US  
[73] SPALDING SPORTS WORLDWIDE, INC., US  
[22] 1994-02-24  
[30] US (124,891) 1993-09-22

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[11] **2,116,929**  
[13] C  
[51] **Int.Cl. 6H05B 6/80 6B65D 81/34**  
[25] EN  
[54] **MICROWAVEABLE CONTAINER**  
[54] **RECIPIENT POUVANT ALLER AU FOUR A MICRO-ONDES**  
[72] Fritz, Jill Ann, US  
[73] TENNECO PACKAGING INC., US  
[22] 1994-03-03  
[30] US (08/065,737) 1993-05-21

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[11] **2,117,190**  
[13] C  
[51] **Int.Cl. 6C09D 175/04 6B05D 1/36**  
[25] EN  
[54] **AQUEOUS PAINTS AND PROCESS FOR MANUFACTURING CAR COATING VARNISHES**  
[54] **PEINTURES A L'EAU; PROCEDE POUR L'OBTENTION DE VERNIS POUR AUTOMOBILES**  
[72] Schwarte, Stephan, DE  
[72] Grosch, Horst, DE  
[73] BASF LACKE + FARBEN AKTIENGESELLSCHAFT, DE  
[85] 1994-03-07  
[86] 1992-09-12 (PCT/EP92/02098)  
[87] (WO93/07195)  
[30] DE (P 41 32 430.7) 1991-09-28

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[11] **2,117,331**  
[13] C  
[51] **Int.Cl. 6H05H 1/34**  
[25] EN  
[54] **A TORCH DEVICE FOR CHEMICAL PROCESSES HAVING THREE AXIALLY MOVABLE ELECTRODES**  
[54] **TORCHE PLASMATIQUE POUR PROCEDES CHIMIQUES, COMPORTANT TROIS ELECTRODES MOBILES LE LONG DU MEME AXE**  
[72] Lylum, Steinar, NO  
[72] Haugsten, Kjell, NO  
[72] Hox, Ketil, NO  
[72] Hugdahl, Jan, NO  
[72] Myklebust, Nils, NO  
[73] KVAERNER TECHNOLOGY AND RESEARCH LTD., GB  
[85] 1994-06-09  
[86] 1992-12-11 (PCT/NO92/00195)  
[87] (WO93/12633)  
[30] NO (914907) 1991-12-12

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[11] **2,117,580**  
[13] C  
[51] **Int.Cl. 6C07C 211/14 6C07C 209/84**  
[25] EN  
[54] **DECOLORIZATION OF POLYETHYLENE POLYAMINES USING COBALT/COPPER/CHROMIUM**  
[54] **DECOLORATION DE POLYETHYLENE-POLYAMINES PAR LE COBALT, LE CUIVRE ET LE CHROME**  
[72] Su, Wei-Yang, US  
[73] Texaco Development Corporation, US  
[22] 1994-08-24  
[30] US (08/111,580) 1993-08-25

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[11] **2,117,620**  
[13] C  
[51] **Int.Cl. 6B03D 1/08**  
[25] EN  
[54] **MEMBRANE WASHING APPARATUS FOR FLOTATION DEVICE**  
[54] **APPAREIL DE NETTOYAGE A MEMBRANE POUR INSTALLATION DE FLOTTATION**  
[72] Bourke, Peter G., AU  
[73] Supaflo Technologies Pty. Ltd, AU  
[22] 1994-09-01  
[30] AU (PM 1057) 1993-09-06

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[11] **2,118,223**  
[13] C

[51] **Int.Cl. 6A23G 3/30 6A23P 1/08**  
[25] EN  
[54] **USE OF EDIBLE FILM TO PROLONG CHEWING GUM SHELF LIFE**  
[54] **UTILISATION D'UNE PELLICULE COMESTIBLE POUR PROLONGER LA DUREE DE CONSERVATION DE LA GOMME A MACHER**  
[72] Meyers, Marc A., US  
[73] WM. WRIGLEY JR. COMPANY, US  
[85] 1994-10-14  
[86] 1993-04-20 (PCT/US93/03704)  
[87] (WO93/20708)  
[30] US (07/871,962) 1992-04-21

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[11] **2,119,443**  
[13] C

[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6C12Q 1/02 6C12N 15/11 6C07K 16/18 6C12N 1/19 6C07K 14/47 6C12Q 1/48 6G01N 33/53 6G01N 33/573 6A61K 31/70**  
[25] EN  
[54] **HUMAN CYCLIN E**  
[54] **CYCLINE E HUMAINE**  
[72] Roberts, James M., US  
[72] Ohtsubo, Motoaki, US  
[72] Koff, Andrew C., US  
[72] Cross, Frederick, US  
[73] Fred Hutchinson Cancer Research Center, US  
[85] 1994-03-18  
[86] 1992-09-16 (PCT/US92/07866)  
[87] (WO93/06123)  
[30] US (07/764,309) 1991-09-20

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[11] **2,120,052**  
[13] C

[51] **Int.Cl. 6F15B 13/042 6F15B 11/05**  
[25] EN  
[54] **HYDRAULIC SYSTEM FOR OPEN OR CLOSED-CENTERED SYSTEMS**  
[54] **SYSTEME HYDRAULIQUE POUR CIRCUITS HYDRAULIQUES A CENTRE OUVERT OU FERME**  
[72] Becker, Manfred, DE  
[72] Ortlepp, Hilmar, DE  
[73] DEERE & COMPANY, US  
[22] 1994-03-28  
[30] DE (P 43 11 191.2) 1993-04-05

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[11] **2,120,828**  
[13] C

[51] **Int.Cl. 5A61B 17/08**  
[25] EN  
[54] **SURGICAL HEMOSTATIC CLIP**  
[54] **PINCE CHIRURGICALE HEMOSTATIQUE**  
[72] Phillips, Paul J., US  
[72] Peyser, Mark S., US  
[72] Webster, John, US  
[73] United States Surgical Corporation,  
[22] 1994-04-07  
[30] US (08/048,467) 1993-04-16

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[11] **2,121,403**  
[13] C

[51] **Int.Cl. 6G01D 9/28 6B60Q 11/00 6B60R 27/00 6G07C 5/08**  
[25] EN  
[54] **TRAFFIC ACCIDENT DATA RECORDER AND TRAFFIC ACCIDENT REPRODUCTION SYSTEM**  
[54] **SYSTEME ENREGISTREUR DE DONNEES SUR LES ACCIDENTS DE CIRCULATION, ET DE REPRODUCTION DES ACCIDENTS**  
[72] Yamawaki, Yuichiro, JP  
[73] Awaji Ferryboat Kabusiki Kaisha, JP  
[22] 1994-04-15  
[30] JP (Hei 5-92626) 1993-04-20

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[11] **2,122,317**  
[13] C

[51] **Int.Cl. 6F16H 1/16**  
[25] EN  
[54] **QUIETED SERVOACTUATOR**  
[54] **SERVOACTIONNEUR SILENCIEUX**  
[72] Pearson, James Eugene, US  
[73] Eaton Corporation, US  
[22] 1994-04-27  
[30] US (055,467) 1993-04-29

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[11] **2,122,812**  
[13] C

[51] **Int.Cl. 6F16H 55/00**  
[25] EN  
[54] **TRANSMISSION COUNTERSHAFT ASSEMBLY**  
[54] **ARBRE INTERMEDIAIRE DE BOITE DE VITESSE**  
[72] Reynolds, Joseph D., US  
[73] Eaton Corporation, US  
[22] 1994-05-03  
[30] US (057,023) 1993-05-05

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[11] **2,122,854**  
[13] C

[51] **Int.Cl. 6F16H 57/00**  
[25] EN  
[54] **COUNTERSHAFT DRIVEN AUXILIARY DRIVE UNIT**  
[54] **MECANISME AUXILIAIRE ENTRAINE PAR UN ARBRE INTERMEDIAIRE**  
[72] Reynolds, Joseph D., US  
[73] Eaton Corporation, US  
[22] 1994-05-04  
[30] US (058,166) 1993-05-05

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[11] **2,123,552**  
[13] C

[51] **Int.Cl. 6A43B 13/40**  
[25] EN  
[54] **INSOLE FOR HEEL PAIN RELIEF**  
[54] **SEMELLE INTERIEURE POUR LE SOULAGEMENT DES TALALGIES**  
[72] Fisher, Randall K., US  
[72] Thompson, Donald B., US  
[73] SCHERING-PLOUGH HEALTHCARE PRODUCTS, INC., US  
[22] 1994-05-13

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[11] **2,123,932**  
[13] C

[51] **Int.Cl. 6F16H 49/00 6F16H 57/00**  
[25] EN  
[54] **HELICALLY GEARED COMPOUND TRANSMISSION**  
[54] **BOITE DE VITESSES A RELAIS MECANIQUE A ENGRENAGE A HELICE**  
[72] Reynolds, Joseph Douglas, US  
[72] Stine, Alan Charles, US  
[73] Eaton Corporation, US  
[22] 1994-05-19  
[30] US (063,829) 1993-05-20

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[11] **2,125,321**  
[13] C

[51] **Int.Cl. 6G03B 27/00 6G03D 13/08**  
[25] EN  
[54] **IMAGE PRINTER HAVING PROJECTION EXPOSURE MEANS**  
[54] **IMPRIMANTE D'IMAGES A DISPOSITIF D'EXPOSITION A PROJECTION**  
[72] Tanibata, Toru, JP  
[72] Ishikawa, Masazumi, JP  
[73] Noritsu Koki Co., Ltd., JP  
[22] 1994-06-07  
[30] JP (5-141626) 1993-06-14

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[11] **2,125,416**  
[13] C  
[51] **Int.Cl. 6F16H 63/46**  
[25] EN  
[54] **CLUTCH DISENGAGE LOGIC**  
[54] **SYSTEME DE DEBRAYAGE**  
**AUTOMATISE**  
[72] Chan, Kwok W., GB  
[73] Eaton Corporation, US  
[22] 1994-06-08  
[30] GB (9312013.7) 1993-06-10

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[11] **2,125,929**  
[13] C  
[51] **Int.Cl. 6C03B 5/16 6C03B 5/18**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**CONDITIONING AND**  
**HOMOGENIZING A GLASS STREAM**  
[54] **METHODE ET APPAREIL DE**  
**CONDITIONNEMENT ET**  
**D'HOMOGENISATION D'UNE**  
**PRODUCTION DE VERRE**  
[72] Sorg, Helmut, DE  
[72] Sims, Richard, DE  
[73] BETEILIGUNGEN SORG GMBH &  
CO. KG, DE  
[22] 1994-06-15  
[30] DE (P 43 19 773.6) 1993-06-15  
[30] DE (P 44 11 038.3) 1994-03-30

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[11] **2,126,010**  
[13] C  
[51] **Int.Cl. 6F01M 3/00 6F01P 3/10**  
[25] EN  
[54] **INTERNAL COMBUSTION**  
**ENGINE USING LUBRICATING OIL**  
**FOR EFFECTIVE AND UNIFORM**  
**COOLING**  
[54] **MOTEUR A COMBUSTION**  
**INTERNE A REFROIDISSEMENT**  
**UNIFORME PAR HUILE DE**  
**LUBRIFICATION**  
[72] Olmr, Jaroslav J., US  
[73] KOHLER CO., US  
[22] 1994-06-16  
[30] US (08/078,994) 1993-06-18

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[11] **2,126,729**  
[13] C  
[51] **Int.Cl. 6A01N 59/00 6A01N 25/00**  
**6A61L 2/18**  
[25] EN  
[54] **HYDROGEN PEROXIDE**  
**COMPOSITION**  
[54] **COMPOSITION A BASE DE**  
**PEROXYDE D'HYDROGENE**  
[72] Monticello, Michael Vincent, US  
[73] RECKITT & COLMAN INC., US  
[22] 1994-06-24  
[30] US (08/093,286) 1993-07-16

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[11] **2,126,780**  
[13] C  
[51] **Int.Cl. 6F16H 63/20 6F16H 59/00**  
[25] EN  
[54] **TRANSMISSION X-CONTROL**  
**MECHANISM AND PIVOT PIN**  
**THEREFOR**  
[54] **MECANISME DE COMMANDE DE**  
**TRANSMISSION ET TOURILLON**  
**UTILISE DANS CE MECANISME**  
[72] Huggins, Michael James, US  
[72] Chene, William Raymond, US  
[73] Eaton Corporation, US  
[22] 1994-06-27  
[30] US (082,571) 1993-06-28

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[11] **2,127,061**  
[13] C  
[51] **Int.Cl. 5A61B 17/068**  
[25] EN  
[54] **SELF CONTAINED GAS**  
**POWERED SURGICAL APPARATUS**  
[54] **DISPOSITIF CHIRURGICAL**  
**COMPACT A GAZ**  
[72] Bryan, Graham W., US  
[72] Lehn, Randolph F., US  
[72] Savage, Robert C., US  
[72] Maurer, Christopher W., US  
[72] Klinger, John F., US  
[73] United States Surgical Corporation,  
[22] 1994-06-29  
[30] US (08/130,606) 1993-10-01

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[11] **2,127,771**  
[13] C  
[51] **Int.Cl. 6F16H 59/68**  
[25] EN  
[54] **SYSTEM AND METHOD FOR**  
**SLIDING CLUTCH ENGAGEMENT**  
**UNDER TOOTH BUTT OR TORQUE**  
**LOCK CONDITIONS**  
[54] **METHODE DE CRABOTAGE DANS**  
**UN EMBRAYAGE EN CAS DE**  
**BLOCAGE OU DE VERROUILLAGE EN**  
**PRISE**  
[72] Steeby, Jon Allen, US  
[72] Fritz, Todd William, US  
[73] Eaton Corporation, US  
[22] 1994-07-11  
[30] US (095,279) 1993-07-21

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[11] **2,127,893**  
[13] C  
[51] **Int.Cl. 5A61K 7/11**  
[25] FR  
[54] **COMPOSITIONS COSMETIQUES**  
**POUR LE MAINTIEN DE LA COIFFURE**  
**PRESENTANT UN POUVOIR FIXANT**  
**AMELIORE**  
[54] **COSMETIC COMPOSITIONS TO**  
**HOLD THE HAIR SETTING WITH**  
**IMPROVED FIXATIVE CAPACITY**  
[72] Dupuis, Christine, FR  
[73] L'OREAL, FR  
[22] 1994-07-13  
[30] FR (93 09 096) 1993-07-23

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[11] **2,130,070**  
[13] C  
[51] **Int.Cl. 6H04L 12/66 6H04L 12/42**  
[25] EN  
[54] **RING INTERWORKING BETWEEN**  
**PATH-SWITCHED RING**  
**TRANSMISSION SYSTEMS**  
[54] **INTERFONCTIONNEMENT DES**  
**ANNEAUX DE SYSTEMES DE**  
**TRANSMISSION ANNULAIRES A**  
**COMMUTATION PAR LES TRAJETS**  
[72] Kremer, Wilhelm, US  
[73] AMERICAN TELEPHONE AND  
TELEGRAPH COMPANY, US  
[22] 1994-08-12  
[30] US (141,172) 1993-10-22

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[11] **2,130,223**  
[13] C

[51] **Int.Cl. 6C21B 13/02 6F27B 1/10 6C22B 5/12**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THE REMOVAL OF HYDROGEN SULFIDE FROM A PROCESS GAS STREAM**  
[54] **METHODE ET APPAREIL POUR L'ELIMINATION DU SULFURE D'HYDROGENE DANS UN CIRCUIT DE GAZ INDUSTRIEL**  
[72] Huestis, Allan Charles, US  
[72] Sanzenbacher, Charles Walter, US  
[73] Georgetown Steel Corporation, US  
[22] 1994-08-16

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[11] **2,130,603**  
[13] C

[51] **Int.Cl. 6C08L 75/00 6C09D 175/00 6C08G 18/12 6C08G 18/36**  
[25] EN  
[54] **IMPROVEMENT OF WATER-DISPERSIBLE POLY (URETHANE-UREA) COMPOSITIONS**  
[54] **AMELIORATION DE COMPOSITIONS A BASE DE POLY(URETHANE-UREE) HYDRODISPERSABLES**  
[72] Treasurer, Urvee Y., US  
[73] THE SHERWIN-WILLIAMS COMPANY, US  
[22] 1994-08-22  
[30] US (08/115,280) 1993-08-31

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[11] **2,131,507**  
[13] C

[51] **Int.Cl. 6G03F 7/26 6G03F 7/20**  
[25] EN  
[54] **RESIST MATERIALS AND RELATED PROCESSES**  
[54] **MATERIAUX DE RESERVE ET PROCEDES CONNEXES**  
[72] Chandross, Edwin A., US  
[72] Kometani, Janet M., US  
[72] Nalamasu, Omkaram, US  
[72] Reichmanis, Elsa, US  
[72] Uhrich, Kathryn E., US  
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US  
[22] 1994-09-06  
[30] US (148,706) 1993-11-08

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[11] **2,132,177**  
[13] C

[51] **Int.Cl. 6G09F 21/20 6G09F 21/18**  
[25] EN  
[54] **ILLUMINATED MARINE ADVERTISING VESSEL**  
[54] **BATEAU PUBLICITAIRE ILLUMINE**  
[72] Ceko, Peter, US  
[73] CEKCOM Corporation, US  
[22] 1994-09-15

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[11] **2,132,280**  
[13] C

[51] **Int.Cl. 6G06F 1/16**  
[25] EN  
[54] **ERGONOMIC OPERATOR INTERFACE STATION**  
[54] **POSTE DE TRAVAIL D'OPERATEUR, ERGONOMIQUE**  
[72] Maguire, Justin M., Jr., US  
[73] ELSAG INTERNATIONAL N.V., NL  
[22] 1994-09-16  
[30] US (123,624) 1993-09-17

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[11] **2,132,773**  
[13] C

[51] **Int.Cl. 6F16H 57/00**  
[25] EN  
[54] **TRANSMISSION MAINSHAFT THRUST WASHER AND RETAINER RING**  
[54] **RONDELLE DE BUTEE D'ARBRE SECONDAIRE DE TRANSMISSION, ET ANNEAU DE RETENUE**  
[72] Craft, Robert B., US  
[73] EATON CORPORATION, US  
[22] 1994-09-23  
[30] US (128,283) 1993-09-29

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[11] **2,135,413**  
[13] C

[51] **Int.Cl. 6G03F 7/075 6G03F 7/16**  
[25] EN  
[54] **ENERGY SENSITIVE MATERIALS AND METHODS FOR THEIR USE**  
[54] **MATIERES SENSIBLES AUX RADIATIONS ET METHODES POUR LEUR UTILISATION**  
[72] Joshi, Ajey Madhav, US  
[72] Weidman, Timothy William, US  
[73] AT&T CORP., US  
[22] 1994-11-09  
[30] US (201,823) 1994-02-25

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[11] **2,135,695**  
[13] C

[51] **Int.Cl. 6G05B 13/02**  
[25] EN  
[54] **ACTIVE ADAPTIVE CONTROL SYSTEM WITH SPECTRAL LEAK**  
[54] **SYSTEME DE COMMANDE ADAPTATIF ACTIF UTILISANT UN SIGNAL DE FUITE**  
[72] Allie, Mark C., US  
[72] Popovich, Steven R., US  
[73] Digisonix, Inc., US  
[22] 1994-11-14  
[30] US (166,698) 1993-12-14

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[11] **2,136,627**  
[13] C

[51] **Int.Cl. 6C07C 11/02 6C07C 1/00**  
[25] EN  
[54] **USE OF ZEOLITES IN THE CONVERSION OF OXYGENATES IN HYDROCARBONS**  
[54] **UTILISATION DE ZEOLITES DANS LA CONVERSION DES OXYGENATES EN HYDROCARBURES**  
[72] Janssen, Marcel J. G., US  
[72] Vaughan, David E. W., US  
[73] EXXON CHEMICAL PATENTS INC., US  
[85] 1994-11-24  
[86] 1993-05-27 (PCT/US93/05053)  
[87] (WO93/24429)  
[30] US (888,668) 1992-05-27

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[11] **2,137,592**  
[13] C

[51] **Int.Cl. 6H04Q 3/60**  
[25] EN  
[54] **CONNECTIONS BETWEEN A TOLL NETWORK AND MULTIPLE LOCAL NETWORKS**  
[54] **CONNEXIONS ENTRE UN RESEAU A PEAGE ET PLUSIEURS RESEAUX LOCAUX**  
[72] Akinpelu, Akinwale Ademola, US  
[72] Bhagat, Promod Kumar, US  
[72] Garoutte, Dana Lee, US  
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US  
[22] 1994-12-08  
[30] US (203,110) 1994-02-28  
[30] US (203,102) 1994-02-28

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[13] C

[51] Int.Cl. 6F16H 3/12  
[25] EN  
[54] SYNCHRONIZER WITH SELF-ENERGIZING  
[54] SYNCHRONISEUR A AUTO-EXCITATION  
[72] Braun, Eugene R., US  
[73] EATON CORPORATION, US  
[22] 1994-12-19  
[30] US (172,796) 1993-12-27  
[30] US (293,761) 1994-08-15

[11] 2,138,478  
[13] C

[51] Int.Cl. 6A61K 7/13 6A45D 19/00  
[25] FR  
[54] COMPOSITION DE TEINTURE D'OXYDATION DES FIBRES KERATINIQUES COMPRENANT UN DERIVE DE PARAPHENYLENEDIAMINE ET UN DERIVE DE METAPHENYLENEDIAMINE, ET PROCEDE DE TEINTURE UTILISANT UNETELLE COMPOSITION  
[54] TINCTORIAL OXIDANT COMPOSITION FOR KERATINIC FIBERS CONTAINING A PARAPHENYLENEDIAMINE DERIVATIVE AND A META-PHENYLENEDIAMINE DERIVATIVE, AND DYEING PROCESS USING THE SAME  
[72] Audousset, Marie-Pascale, FR  
[72] Cotteret, Jean, FR  
[73] L'OREAL, FR  
[22] 1994-12-19  
[30] FR (94 00 700) 1994-01-24

[11] 2,139,601  
[13] C

[51] Int.Cl. 6F16H 63/06  
[25] EN  
[54] ENGINE BRAKE ENHANCED UPSHIFT CONTROL METHOD/SYSTEM  
[54] METHODE/SYSTEME AMELIORE DE COMMANDE DE PASSAGE DE VITESSE EN HAUT DE FREIN MOTEUR  
[72] Genise, Thomas Alan, US  
[73] Eaton Corporation, US  
[22] 1995-01-05  
[30] US (179,060) 1994-01-07

[11] 2,139,798  
[13] C

[51] Int.Cl. 6A47B 11/00  
[25] EN  
[54] PIVOTING AND VARIABLE HEIGHT TABLE  
[54] TABLE PIVOTANTE A HAUTEUR REGLABLE  
[72] Wanek, Ronald G., US  
[72] Dotta, James C., US  
[72] Konkel, Brian, US  
[72] Herold, Duane, US  
[73] Ashley Furniture Industries, Inc., US  
[22] 1995-01-09  
[30] US (08/349,533) 1994-12-05

[11] 2,139,904  
[13] C

[51] Int.Cl. 6H03L 7/093 6H03J 7/06  
[25] EN  
[54] PLL SYNTHESIZER AND METHOD OF CONTROLLING THE SAME  
[54] SYNTHETISEUR A BOUCLE A ASSERVISSEMENT DE PHASE ET METHODE DE COMMANDE DE CE SYNTHETISEUR  
[72] Yamashita, Kazuo, JP  
[72] Inoue, Akiharu, JP  
[72] Egawa, Masahiko, JP  
[72] Sakuma, Hiroaki, JP  
[72] Adachi, Nobuyuki, JP  
[73] Japan Radio Co., Ltd., JP  
[22] 1995-01-10  
[30] JP (Hei 6-4180) 1994-01-19

[11] 2,141,727  
[13] C

[51] Int.Cl. 6H04L 12/56 6H04M 3/56  
[25] EN  
[54] CONFERENCE BRIDGE FOR PACKETIZED SPEECH-SIGNAL NETWORKS  
[54] PONT DE CONFERENCE POUR RESEAUX DE TRANSMISSION DE SIGNAUX VOCAUX PAR PAQUETS  
[72] Anderson, Thomas Wayne, US  
[72] Tiedemann, Norman R., US  
[72] Vancil, Paul Wesley, US  
[73] AT&T CORP., US  
[22] 1995-02-02  
[30] US (214,724) 1994-03-17

[11] 2,141,799  
[13] C

[51] Int.Cl. 6B22D 11/10 6B22D 27/02 6F27D 23/04  
[25] EN  
[54] A METHOD AND A DEVICE FOR STIRRING A MOLTEN METAL  
[54] METHODE ET DISPOSITIF POUR AGITER LE METAL EN FUSION  
[72] Tallbäck, Göte, SE  
[73] ASEA BROWN BOVERI AB, SE  
[85] 1995-02-03  
[86] 1993-06-23 (PCT/SE93/00556)  
[87] (WO94/03294)  
[30] SE (9202308-4) 1992-08-07

[11] 2,143,312  
[13] C

[51] Int.Cl. 6H04N 1/32  
[25] EN  
[54] FACSIMILE INTERFACE UNIT (FIU) ENHANCED CAPABILITIES NEGOCIATION  
[54] FONCTIONS AMELIOREES POUR INTERFACE DE TELECOPIE  
[72] Dimolitsas, Spiros, US  
[72] Onufry, Michael Jr., US  
[72] Rieser, Jack H., US  
[73] COMSAT Corporation, US  
[85] 1995-02-24  
[86] 1993-08-26 (PCT/US93/07929)  
[87] (WO94/06240)  
[30] US (07/935,787) 1992-08-27

[11] 2,143,314  
[13] C

[51] Int.Cl. 6E21B 19/10 6E21B 19/07 6F16L 3/10 6B25B 1/24  
[25] EN  
[54] INSERT FOR USE IN SLIPS  
[54] PIECE A ETRE RAPPORTEE DANS UN MANCHON  
[72] Jansch, Manfred, DE  
[73] WEATHERFORD/LAMB, INC., US  
[85] 1995-02-24  
[86] 1993-09-01 (PCT/EP93/02381)  
[87] (WO94/05894)  
[30] DE (P 42 29 345.6) 1992-09-04

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[11] **2,144,055**  
[13] C

[51] **Int.Cl. 6C07K 14/435 6A61K 39/35**  
[25] EN  
[54] **CLONING AND SEQUENCING OF ALLERGENS OF DERMATOPHAGOIDES (HOUSE DUST MITE)**  
[54] **CLONAGE ET SEQUENCAGE DES ALLERGENES DE DERMATOPHAGOIDES (ACARIEN DETRITICOLE)**  
[72] Thomas, Wayne Robert, AU  
[72] Chua, Kaw-Yan, TW  
[73] TVW TELETHON INSTITUTE FOR CHILD HEALTH RESEARCH, AU  
[85] 1995-03-07  
[86] 1993-09-10 (PCT/US93/08518)  
[87] (WO94/05790)  
[30] US (07/945,288) 1992-09-10

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[11] **2,144,566**  
[13] C

[51] **Int.Cl. 6B27N 5/00 6B29C 47/06 6E04C 2/22**  
[25] EN  
[54] **SANDABLE AND STAINABLE PLASTIC/WOOD COMPOSITE**  
[54] **COMPOSE DE BOIS PLASTIQUE POUVANT ETRE SABLE ET TEINT**  
[72] Grill, Otto, US  
[73] FORMTECH ENTERPRISES, INC., US  
[22] 1995-03-14

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[11] **2,145,490**  
[13] C

[51] **Int.Cl. 6B65B 25/02**  
[25] EN  
[54] **FLORAL GROUPING WRAPPER HAVING A DETACHABLE PORTION**  
[54] **METHODE D'EMBALLAGE D'ENSEMBLES FLORAUX**  
[72] Weder, Donald E., US  
[72] Straeter, William F., US  
[73] Southpac Trust International, Inc., NZ  
[22] 1995-03-24  
[30] US (08/218,952) 1994-03-25

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[11] **2,145,802**  
[13] C

[51] **Int.Cl. 6G01P 15/16 6G05B 19/045 6F16H 59/14 6F16H 59/48**  
[25] EN  
[54] **ENGINE DECELERATION DETERMINATION METHOD/SYSTEM**  
[54] **METHODE/SYSTEME DE MESURE DE LA DECELERATION D'UN MOTEUR**  
[72] Markyvech, Ronald K., US  
[73] Eaton Corporation, US  
[22] 1995-03-29  
[30] US (225,271) 1994-04-08

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[11] **2,146,463**  
[13] C

[51] **Int.Cl. 6G01N 31/22 6G01N 17/00 6G01N 9/18**  
[25] EN  
[54] **COOLANT CORROSIVENESS INDICATOR**  
[54] **INDICATEUR DE CORROSION A FLUIDE DE REFROIDISSEMENT**  
[72] Argyle, Charles S., CA  
[72] Cheadle, Brian E., CA  
[72] Bokor, Steven L. M., US  
[73] LONG MANUFACTURING LTD., CA  
[22] 1990-04-19  
[62] 2,014,982

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[11] **2,146,464**  
[13] C

[51] **Int.Cl. 6G01N 31/22**  
[25] EN  
[54] **COOLANT CORROSIVENESS INDICATOR**  
[54] **INDICATEUR DE CORROSION A FLUIDE DE REFROIDISSEMENT**  
[72] Argyle, Charles S., CA  
[72] Cheadle, Brian E., CA  
[72] Bokor, Steven L. M., US  
[73] LONG MANUFACTURING LTD., CA  
[22] 1990-04-19  
[62] 2,014,982

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[11] **2,146,801**  
[13] C

[51] **Int.Cl. 6H04L 7/02 6H04L 12/56**  
[25] EN  
[54] **TIMING RECOVERY FOR VARIABLE BIT-RATE VIDEO ON ASYNCHRONOUS TRANSFER MODE (ATM) NETWORKS**  
[54] **RESTITUTION DES SIGNAUX DE SYNCHRONISATION POUR LES SIGNAUX VIDEO A DEBIT BINAIRE VARIABLE DANS LES RESEAUX A MODE DE TRANSFERT ASYNCHRONE (MTA)**  
[72] Haskell, Barin Geoffry, US  
[72] Reibman, Amy Ruth, US  
[73] AT&T CORP., US  
[22] 1995-04-11  
[30] US (250,252) 1994-05-27

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[11] **2,147,960**  
[13] C

[51] **Int.Cl. 6F16L 37/00 6F16L 37/084**  
[25] EN  
[54] **COUPLING APPARATUS**  
[54] **APPAREIL DE RACCORDEMENT**  
[72] Horimoto, Akira, JP  
[73] Sakura Rubber Co., Ltd., JP  
[22] 1995-04-26  
[30] JP (6-089529) 1994-04-27  
[30] JP (7-086264) 1995-03-17

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[11] **2,148,154**  
[13] C

[51] **Int.Cl. 6H04B 10/148**  
[25] EN  
[54] **LOW POWER OPTICAL NETWORK UNIT**  
[54] **UNITE A FAIBLE CONSOMMATION D'ENERGIE POUR RESEAU OPTIQUE**  
[72] Frigo, Nicholas J., US  
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US  
[22] 1995-04-28  
[30] US (252,463) 1994-06-01

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[11] 2,148,396  
[13] C

[51] Int.Cl. 6C01B 33/44 6C09K 7/02  
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6C11D 3/12  
[25] EN  
[54] ORGANOCCLAY COMPOSITIONS  
CONTAINING TWO OR MORE  
CATIONS AND ONE OR MORE  
ORGANIC ANIONS, THEIR  
PREPARATION AND USE IN NON-  
AQUEOUS SYSTEMS  
[54] COMPOSITIONS A BASE  
D'ARGILE ORGANIQUE,  
RENFERMANT DEUX OU PLUSIEURS  
CATIONS ET UN OU PLUSIEURS  
ANIONS ORGANIQUES; METHODE DE  
PREPARATION ET UTILISATION  
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[30] US (08/241,443) 1994-05-11

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[13] C

[51] Int.Cl. 6A61K 9/30  
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PREPARATION RELEASABLE IN THE  
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[73] Hisamitsu Pharmaceutical Co., Inc., JP  
[85] 1995-05-02  
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[87] (WO94/10983)  
[30] JP (Hei 4-322478) 1992-11-06

[11] 2,148,579  
[13] C

[51] Int.Cl. 6G02F 1/1335  
[25] EN  
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CRYSTAL SUBTRACTIVE COLOR  
DISPLAY WITH INTEGRAL LIGHT  
CONFINEMENT  
[54] AFFICHAGE COULEUR  
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CRISTAUX LIQUIDES COMPORTANT  
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[72] Ansley, David A., US  
[73] RAYTHEON COMPANY, US  
[85] 1995-05-03  
[86] 1994-09-29 (PCT/US94/11094)  
[87] (WO95/10067)  
[30] US (130,608) 1993-10-01

[11] 2,149,156  
[13] C

[51] Int.Cl. 6H01S 3/18  
[25] EN  
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WAVEGUIDING LENS  
[54] LASER A SEMICONDUCTEUR A  
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[73] AT&T CORP., US  
[22] 1995-05-11  
[30] US (268,896) 1994-06-30

[11] 2,149,631  
[13] C

[51] Int.Cl. 6B65D 81/32 6B65D 25/08  
[25] EN  
[54] CARBONATED BEVERAGE  
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[54] CONTENANT POUR BOISSON  
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[85] 1995-05-17  
[86] 1994-08-25 (PCT/GB94/01860)  
[87] (WO95/08493)  
[30] GB (9319362.1) 1993-09-18  
[30] GB (9325228.6) 1993-12-09  
[30] GB (9405945.8) 1994-03-25

[11] 2,149,878  
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[51] Int.Cl. 6G02F 1/153 6G02F 1/155  
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[54] DISPOSITIFS  
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[72] Ellis, Frank B., Jr., US  
[72] Van Dine, John E., US  
[72] Parkhe, V. D., US  
[73] SUN ACTIVE GLASS  
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[85] 1995-05-19  
[86] 1993-12-22 (PCT/US93/12529)  
[87] (WO94/15247)  
[30] US (07/996,676) 1992-12-24

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[13] C

[51] Int.Cl. 6H04B 10/148 6H01L 27/14  
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HIGH IMPEDANCE PREAMPLIFIER  
[54] RECEPTEUR OPTIQUE MUNI  
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[72] Chirovsky, Leo Maria Freishyn, US  
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[72] Woodward, Ted Kirk, US  
[73] AT&T CORP., US  
[22] 1995-05-23  
[30] US (270,952) 1994-07-05

[11] 2,150,986  
[13] C

[51] Int.Cl. 6C12Q 1/68 6C07H 21/04  
[25] EN  
[54] OLIGONUCLEOTIDE PRIMERS  
AND PROBES FOR DETECTION OF  
BACTERIA  
[54] AMORCES ET SONDES  
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DETECTION DE BACTERIES  
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[73] BECTON, DICKINSON AND  
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[13] C

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[54] **SYSTEME D'IMPRESSION HAUTE FREQUENCE A JET D'ENCRE GOUTTE A LA DEMANDE**  
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[73] SPECTRA, INC., US  
[22] 1995-06-29  
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[13] C

[51] **Int.Cl. 6B29C 55/12 6C08J 5/18**  
[25] FR  
[54] **FILMS POLYESTER UTILISABLES POUR L'OPERCULAGE ET LEUR PROCEDE DE PREPARATION**  
[54] **POLYESTER FILMS USED FOR CAPPING AND PROCESS FOR PREPARING SAME**  
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[51] **Int.Cl. 6G10K 11/168 6B63G 13/00 6B32B 3/12 6G01S 7/537**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MASKING THE ACOUSTIC SIGNATURE OF VESSELS**  
[54] **METHODE ET APPAREIL POUR MASQUER LA SIGNATURE ACOUSTIQUE DES NAVIRES**  
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[73] SUPRACOR, INC., US  
[85] 1995-07-10  
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[13] C

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[25] EN  
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[54] **ENVELOPPE-ETIQUETTE DE PILE**  
[72] Zaborney, John F., US  
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[73] Duracell Inc., US  
[85] 1995-07-18  
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[87] (WO94/19835)  
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[13] C

[51] **Int.Cl. 6H04Q 7/36**  
[25] EN  
[54] **METHOD AND SYSTEM FOR UPDATING REPLICATED DATABASES IN FOREIGN AND HOME TELECOMMUNICATION NETWORK SYSTEMS FOR SUPPORTING GLOBAL MOBILITY OF NETWORK CUSTOMERS**  
[54] **METHODE ET DISPOSITIF DE MISE A JOUR DE BASES DE DONNEES DUPLIQUEES DANS LES RESEAUX DE TELECOMMUNICATION ETRANGERS ET DOMESTIQUES POUR SUPPORTER LA MOBILITE DES ABONNES DES RESEAUX A L'ECHELLE MONDIALE**  
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[73] AT&T CORP., US  
[22] 1995-07-31  
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[13] C

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[25] EN  
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[54] **SOLUTIONS DE SULFATES D'ALKYLE FORTEMENT CONCENTREES**  
[72] Blake, Alan David, BE  
[72] Geudens, Jozef Philomena Raymond, BE  
[72] Mather, Peter Geoffrey, BE  
[73] Procter & Gamble Company (The), US  
[85] 1995-08-02  
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[54] **METHODE DE CORRECTION DE BLOCS EFFACES OU DE PAQUETS PERDUS**  
[72] Chen, Juin-Hwey, US  
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[13] C

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[25] EN  
[54] **INSULATED RAIL JOINT INCORPORATING SPACER-IMPREGNATED ADHESIVE AND METHOD FOR BONDING INSULATED RAIL JOINTS**  
[54] **JOINT DE RAIL ISOLE A ESPACE ADHESIF ET METHODE DE LIAISONNEMENT DE RAILS ISOLES**  
[72] Urmson, William T., Jr., US  
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[13] C

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[25] EN  
[54] **METHOD AND APPARATUS FOR ENCODING AND DECODING DATA**  
[54] **METHODE ET APPAREIL DE CODAGE ET DE DECODAGE DE DONNEES**  
[72] Schwartz, Edward L., US  
[72] Gormish, Michael J., US  
[72] Allen, James D., US  
[72] Boliek, Martin, US  
[73] RICOH COMPANY, LTD., JP  
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[30] US (08/316,116) 1994-09-30

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[13] C

[51] **Int.Cl. 6H03M 7/00 6H03M 7/30 6H03M 7/46**  
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[51] **Int.Cl. 6A22B 5/08**  
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BLADE THEREFOR**  
[54] **MACHINE A ECORCHER ET  
LAME CORRESPONDANTE**  
[72] Townsend, Ray T., US  
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[22] 1995-08-29  
[30] US (08/324,236) 1994-10-17

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[13] C  
[51] **Int.Cl. 6H04S 5/02**  
[25] EN  
[54] **PASSIVE SURROUND SOUND  
CIRCUIT**  
[54] **CIRCUIT DE SON D'AMBIANCE  
PASSIF**  
[72] Harrison, Robert W., US  
[73] Harrison, Robert W., US  
[85] 1995-09-20  
[86] 1994-09-14 (PCT/US94/10287)  
[87] (WO95/20306)  
[30] US (184,648) 1994-01-21

[11] **2,159,267**  
[13] C  
[51] **Int.Cl. 6H02G 9/06**  
[25] FR  
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[54] **HINGED COUPLING FOR  
JOINTING CHAMBERS**  
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[72] Leblanc, Raymond, CA  
[72] Tallard, Robert, CA  
[73] Lécuyer et Fils Ltée, CA  
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[51] **Int.Cl. 6H04R 3/00**  
[25] EN  
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REPRODUCTION SYSTEM**  
[54] **SYSTEME DE REPRODUCTION  
AUDIO AMELIORE**  
[72] Eatwell, Graham P., GB  
[72] Langley, Andrew J., GB  
[73] NOISE CANCELLATION  
TECHNOLOGIES, INC., US  
[85] 1995-09-29  
[86] 1994-04-01 (PCT/US94/03358)  
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[51] **Int.Cl. 6A61K 31/70**  
[25] EN  
[54] **NEW METHOD OF TREATMENT**  
[54] **NOUVELLE METHODE DE  
TRAITEMENT**  
[72] Sollevi, Alf, SE  
[73] ITEM Development AB, SE  
[85] 1995-10-16  
[86] 1994-01-03 (PCT/SE94/00001)  
[87] (WO94/04017)  
[30] SE (9301324-1) 1993-04-21

[11] **2,161,221**  
[13] C  
[51] **Int.Cl. 6F42C 11/06 6F42C 14/06**  
[25] EN  
[54] **SELF-DESTRUCT FUSE FOR  
IMPROVED CONVENTIONAL  
MUNITIONS**  
[54] **FUSEE AUTO-DESTRUCTIVE  
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[72] Diorio, Frank, US  
[73] UNITED STATES OF AMERICA  
(THE), US  
[85] 1995-10-23  
[86] 1994-11-14 (PCT/US94/13594)  
[87] (WO95/18950)  
[30] US (08/177,493) 1994-01-05

[11] **2,161,542**  
[13] C  
[51] **Int.Cl. 6C07D 401/14 6C07D 491/04  
6C07D 413/14 6A61K 31/44 6A61K 31/495  
6A61K 31/535**  
[25] EN  
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PYRIDYLMETHYLSULFINYL  
BENZIMIDAZOLE DERIVATIVES**  
[54] **NOUVEAUX DERIVES DE 5-  
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[72] Kim, Dong Yeon, KR  
[72] Chung, Gi Ju, KR  
[72] Hong, Sung Kol, KR  
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[72] Nam, Sang Hoon, KR  
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[85] 1995-10-26  
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[87] (WO95/23140)  
[30] KR (1994/3833) 1994-02-28

[11] **2,162,666**  
[13] C  
[51] **Int.Cl. 6A61K 35/78 6A23L 2/38**  
[25] EN  
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COMPOSITIONS**  
[54] **COMPOSITIONS POUR BOISSON,  
RENFERMANT DU PSYLLIUM**  
[72] Daggy, Bruce Paul, US  
[72] Hord, Lee Alan, US  
[73] Procter & Gamble Company (The), US  
[85] 1995-11-10  
[86] 1994-04-28 (PCT/US94/04659)  
[87] (WO94/26288)  
[30] US (062,369) 1993-05-14

[11] **2,163,052**  
[13] C  
[51] **Int.Cl. 6H01F 5/04 6H01F 41/04**  
[25] EN  
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TRANSFORMER COMPONENT**  
[54] **COMPOSANT POUR INDUCTEUR/  
TRANSFORMATEUR**  
[72] Dangler, Willard K., US  
[72] Bodenstedt, Steven R., US  
[72] Waring, Bruce R., US  
[73] Dale Electronics, Inc., US  
[22] 1995-11-16  
[30] US (08/349,038) 1994-12-02

[11] **2,163,230**  
[13] C  
[51] **Int.Cl. 6B65D 81/20 6B65B 31/02  
6B65B 25/06**  
[25] EN  
[54] **PACKAGING SYSTEMS FOR  
INCREASED FOOD PRODUCT SHELF  
LIFE**  
[54] **SYSTEMES DE  
CONDITIONNEMENT PERMETTANT  
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CONSERVATION DE PRODUITS  
ALIMENTAIRES**  
[72] Gorlich, Michael P., US  
[72] McPherson, Robert F., US  
[73] World Class Packaging Systems, Inc.,  
US  
[85] 1995-11-17  
[86] 1994-05-16 (PCT/US94/05525)  
[87] (WO94/27868)  
[30] US (08/064,700) 1993-05-20  
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[30] US (08/098,530) 1993-07-08

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[13] C

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6H04Q 7/14 6H04Q 7/32**  
[25] EN  
[54] **ELECTRONIC DEVICE HOUSING  
HAVING STORAGE PORTION**  
[54] **BOITIER POUR ELEMENT  
ELECTRONIQUE, COMPORTANT UN  
ESPACE DE RANGEMENT**  
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[73] NEC CORPORATION, JP  
[22] 1995-11-23  
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[13] C

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[25] EN  
[54] **MACHINE TOOL HAVING A  
TOOL MOUNTED ECCENTRICALLY  
ON A ROTATABLE TURNTABLE**  
[54] **MACHINE-OUTIL A OUTIL  
MONTE EXCENTRIQUEMENT SUR UN  
PLATEAU TOURNANT**  
[72] Deitert, Heinz, DE  
[73] Deitert, Heinz, DE  
[22] 1995-11-23  
[30] DE (G 94 18 723.1) 1994-11-25

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[13] C

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[25] EN  
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FLOTATION PROCESSES**  
[54] **PROCEDES DE FLOTTATION  
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[72] Newell, Andrew, AU  
[73] BOC GASES AUSTRALIA LIMITED,  
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[22] 1995-11-24  
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[13] C

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[25] EN  
[54] **METHOD FOR SUPPLYING  
COOLING MEDIUM TO A GRINDING  
CUP AND GRINDING CUP TO CARRY  
OUT THE METHOD**  
[54] **METHODE D'ALIMENTATION EN  
AGENT DE REFROIDISSEMENT  
D'UNE COUPELLE DE MEULAGE ET  
COUPELLE UTILISEE POUR CE FAIRE**  
[72] Bergquist, Arne, SE  
[73] Sandvik AB, SE  
[85] 1995-12-14  
[86] 1994-06-17 (PCT/SE94/00597)  
[87] (WO95/00290)  
[30] SE (9302160-8) 1993-06-22

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[11] **2,165,487**  
[13] C

[51] **Int.Cl. 6E04B 1/78 6E04B 1/88**  
[25] EN  
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[54] **PANNEAU SEMI-RIGIDE  
THERMOLIE**  
[72] Kean, James Harvey, US  
[72] Kean, Tod Mitchell, US  
[73] Kean, James Harvey, US  
[73] Kean, Tod Mitchell, US  
[22] 1995-12-18  
[30] US (08/374,457) 1995-01-18

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[11] **2,165,649**  
[13] C

[51] **Int.Cl. 6G06F 12/14**  
[25] EN  
[54] **FILE ENCRYPTION SCHEME**  
[54] **PROCEDE DE CHIFFREMENT DE  
FICHIERS**  
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[72] Taylor, Neal E., US  
[73] RAYTHEON COMPANY, US  
[85] 1995-12-19  
[86] 1995-05-19 (PCT/US95/06329)  
[87] (WO96/00942)  
[30] US (08/268,695) 1994-06-30

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[11] **2,166,577**  
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[25] EN  
[54] **PROCESS FOR REMOVING  
CHLORIDES FROM CRUDE OIL**  
[54] **PROCEDE POUR ELIMINER LES  
CHLORURES DANS LE PETROLE  
BRUT**  
[72] Ikura, Michio, CA  
[72] Stanciulescu, Maria, CA  
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[73] Stanciulescu, Maria, CA  
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[30] US (370,639) 1995-01-10

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[11] **2,167,158**  
[13] C

[51] **Int.Cl. 6C11D 3/39 6C11D 11/00  
6C11D 17/06 6C11D 3/12**  
[25] EN  
[54] **DETERGENT COMPOSITIONS  
CONTAINING PERCARBONATE AND  
MAKING PROCESSES THEREOF**  
[54] **COMPOSITIONS DETERGENTES  
RENFERMANT DU PERCARBONATE  
ET METHODES DE PREPARATION**  
[72] Baillely, Gerard Marcel, GB  
[72] France, Paul Amaat Raymond G., BE  
[72] Wilkinson, Carole Patricia D., BE  
[73] Procter & Gamble Company (The), US  
[85] 1996-01-12  
[86] 1994-07-13 (PCT/US94/07877)  
[87] (WO95/02724)  
[30] EP (93870139.8) 1993-07-14

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[11] **2,167,371**  
[13] C

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[25] EN  
[54] **DETERGENT COMPOSITIONS  
INHIBITING DYE TRANSFER**  
[54] **COMPOSITIONS DETERGENTES  
EMPECHANT LE TRANSFERT DE  
COLORANTS**  
[72] Busch, Alfred, BE  
[72] Convents, Andre Christian, BE  
[72] Van Leeuwen, Petrus Johannes, BE  
[73] PROCTER & GAMBLE COMPANY  
(THE), US  
[85] 1996-01-16  
[86] 1994-06-20 (PCT/US94/06950)  
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[13] C  
[51] **Int.Cl. 6A61B 5/0408 6A61N 1/04 6A61B 5/0416**  
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[54] **MEDICAL ELECTRODE**  
[54] **ELECTRODE MEDICALE**  
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[73] Micron Medical Products, Inc., US  
[85] 1996-02-02  
[86] 1994-08-24 (PCT/US94/09674)  
[87] (WO95/05772)  
[30] US (08/113,420) 1993-08-27

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[11] **2,168,851**  
[13] C  
[51] **Int.Cl. 6H04L 9/28**  
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[54] **DISPOSITIF DE COUPE MONTE SUR UN ARBRE D'ENTRAINEMENT ET DESTINE A UNE BARRE DE COUPE ROTATIVE**  
[72] Walters, James C., US  
[73] DEERE & COMPANY, US  
[22] 1996-11-06  
[30] US (08/560,069) 1995-11-17

[11] **2,189,852**  
[13] C

[51] **Int.Cl. 6H02M 3/142**  
[25] EN  
[54] **DUAL VOLTAGE VOLTAGE REGULATOR WITH FOLDBACK CURRENT LIMITING**  
[54] **REGULATEUR DE TENSION A DOUBLE TENSION AVEC LIMITATION DE COURANT DE TYPE "FOLDBACK"**  
[72] Muterspaugh, Max Ward, US  
[73] THOMSON CONSUMER ELECTRONICS, INC., US  
[85] 1996-11-07  
[86] 1994-09-13 (PCT/US94/10266)  
[87] (WO95/31761)  
[30] US (241,122) 1994-05-16

[11] **2,190,864**  
[13] C

[51] **Int.Cl. 6B64F 1/14 6B64F 1/08**  
[25] EN  
[54] **A MOORING TOWER ASSEMBLY FOR A LIGHTER-THAN-AIR VEHICLE**  
[54] **TOUR D'AMARRAGE POUR DES AERONEFS PLUS LEGERS QUE L'AIR**  
[72] Wood, Wilfred L., US  
[73] LOCKHEED MARTIN CORPORATION, US  
[85] 1996-11-20  
[86] 1995-05-30 (PCT/US95/06476)  
[87] (WO96/11137)  
[30] US (322,457) 1994-10-11

[11] **2,191,985**  
[13] C

[51] **Int.Cl. 6F16S 3/04 6A47B 47/00**  
[25] EN  
[54] **CONSTRUCTION SYSTEM WITH PRE-MANUFACTURED HOLE PATTERNS**  
[54] **SYSTEME DE CONSTRUCTION POSSEDANT DES CONFIGURATIONS DE TROUS PREFABRIQUEES**  
[72] Hammerschlag, Peter G., US  
[73] EFFICIENT MACHINERY CO., US  
[85] 1996-12-03  
[86] 1995-06-05 (PCT/US95/07492)  
[87] (WO95/35051)  
[30] US (08/263,875) 1994-06-22

[11] **2,192,498**  
[13] C

[51] **Int.Cl. 6H04M 1/19 6H04R 3/02**  
[25] EN  
[54] **MICROPHONE EXPANSION FOR BACKGROUND NOISE REDUCTION**  
[54] **DISPOSITIF ADJOINT A UN MICROPHONE POUR REDUIRE LE BRUIT DE FOND**  
[72] Forgues, Scott L., US  
[72] Francon, Michael, US  
[73] LUCENT TECHNOLOGIES INC., US  
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[51] **Int.Cl. 6B01J 20/10 6G01N 30/48**  
[25] EN  
[54] **METHOD FOR MAKING SPHERICAL ADSORBENT PARTICLES**  
[54] **METHODE DE FABRICATION DE PARTICULES ADSORBANTES SPHERIQUES**  
[72] DeRolf, Mahlon Robert, US  
[72] Witt, Reinhard Herbert, US  
[72] Smiley, Leonard Harris, US  
[73] BIO-TECHNICAL RESOURCES LP, US  
[85] 1996-12-10  
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[30] US (08/262,115) 1994-06-17  
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[11] **2,193,146**  
[13] C

[51] **Int.Cl. 6B01J 23/89 6B01J 35/02 6B01J 37/02 6B01J 37/08 6B01J 21/16 6B01J 23/78 6B01J 23/83 6B01J 23/84**  
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[54] **FLUID FUEL REFORMING CERAMIC CATALYSTS AND THEIR MANUFACTURING METHODS**  
[54] **CATALYSEURS DE REFORMAGE DE COMBUSTIBLES LIQUIDES ET PROCEDES DE PRODUCTION**  
[72] Ichimura, Shoji, JP  
[73] Ichimura, Fukuyo, JP  
[22] 1996-12-17

[11] **2,193,902**  
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[51] **Int.Cl. 6F21V 17/06**  
[25] EN  
[54] **PULL ON CLIP FOR DOWNLIGHT REFLECTOR TRIM**  
[54] **ATTACHE FACILE A INSTALLER POUR CADRE DE REFLECTEUR D'ECLAIRAGE VERS LE BAS**  
[72] Hentz, Joseph A., US  
[73] NSI ENTERPRISES, INC., US  
[22] 1996-12-24  
[30] US (08/707,004) 1996-09-03

[11] **2,197,811**  
[13] C

[51] **Int.Cl. 6C07D 211/70 6C07D 401/06 6C07D 405/06**  
[25] EN  
[54] **INTERMEDIATES IN PROCESS FOR THE PREPARATION OF N-SUBSTITUTED TRIFLUOROMETHYLPHENYL TETRAHY-DROPYDRINES**  
[54] **INTERMEDIAIRES DANS LE PROCEDE POUR LA PREPARATION DE DERIVES DE SUBSTITUTION EN N DE TRIFLUOROMETHYLPHENYL TETRAHYDOPYRIDINES**  
[72] Guzzi, Umberto, IT  
[72] Palmieri, Costantino, IT  
[72] Croci, Tiziano, IT  
[73] Sanofi, FR  
[22] 1991-05-23  
[62] 2,043,136  
[30] FR (90 06474) 1990-05-23

[11] **2,198,104**  
[13] C

[51] **Int.Cl. 6F27D 23/00**  
[25] EN  
[54] **DUAL-PURPOSE GUIDE AND DRUM CLEANER FOR STECKEL MILL COILER FURNACE**  
[54] **PIECE DE GUIDAGE SERVANT AUSSI A NETTOYER LE TAMBOUR ENROULEUR DU FOUR D'UN LAMINOIR STECKEL**  
[72] SMITH, Olan R., US  
[73] IPSCO Inc., CA  
[85] 1997-02-20  
[86] 1995-08-18 (PCT/US95/10893)  
[87] (WO96/07861)  
[30] US (08/300,014) 1994-09-02

[11] **2,198,545**  
[13] C

[51] **Int.Cl. 6B61F 5/12**  
[25] EN  
[54] **RAILWAY CAR TRUCK AND METHOD AND APPARATUS FOR VELOCITY-DEPENDENT FRICTION DAMPING**  
[54] **BOGGIE DE CHEMIN DE FER ET METHODE ET APPAREIL POUR AMORTISSEMENT A FRICTION DEPENDANT DE LA VELOCITE.**  
[72] MCKISIC, Aubra D., US  
[72] WRIGHT, James F., US  
[73] HANSEN INC., US  
[22] 1997-02-26  
[30] US (654,187) 1996-05-28

[11] **2,199,424**  
[13] C

[51] **Int.Cl. 6C23C 14/20**  
[25] EN  
[54] **PROCESS FOR FORMING METAL FILM ON SURFACE OF SYNTHETIC RESIN SUBSTRATE**  
[54] **PROCEDE DE FORMATION D'UN FILM DE METAL SUR LA SURFACE D'UN SUBSTRAT DE RESINE SYNTHETIQUE**  
[72] MATSUMARU, Shigeo, JP  
[72] WATANABE, Toru, JP  
[72] KUBOTSU, Akira, JP  
[72] INOUE, Daisuke, JP  
[72] NOGAWA, Shuichi, JP  
[72] OGATA, Kiyoshi, JP  
[73] MATSUMARU, Shigeo, JP  
[73] WATANABE, Toru, JP  
[73] KUBOTSU, Akira, JP  
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[73] NOGAWA, Shuichi, JP  
[73] OGATA, Kiyoshi, JP  
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[30] JP (HEI. 3-108785) 1991-04-12  
[30] JP (HEI. 4-26115) 1992-01-16

[11] **2,201,624**  
[13] C

[51] **Int.Cl. 6H03F 3/45**  
[25] EN  
[54] **A SECOND GENERATION LOW NOISE MICROWAVE VOLTAGE CONTROLLED OSCILLATOR**  
[54] **OSCILLATEUR COMMANDE EN TENSION HYPERFREQUENCE A FAIBLE BRUIT, DE SECONDE GENERATION**  
[72] BROWN, Anthony Kevin Dale, CA  
[73] NORTHERN TELECOM LIMITED, CA  
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[86] 1995-09-20 (PCT/CA95/00534)  
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[25] EN  
[54] IMPROVED FRAME PIECE FOR  
DISPLAY HOLDER  
[54] ELEMENT DE CADRE POUR UN  
SUPPORT D'AFFICHES  
[72] GIBSON, Scott S., US  
[73] Burke Gibson Inc., US  
[85] 1997-04-07  
[86] 1995-02-24 (PCT/US95/02359)  
[87] (WO96/11459)  
[30] US (08/320,048) 1994-10-07

[11] 2,203,941  
[13] C

[51] Int.Cl. 6H04L 29/02 6H04Q 3/00  
[25] EN  
[54] COMMUNICATION SYSTEM  
RECONFIGURABLE WITH REDUCED  
SWITCHING NODE BURDEN  
[54] SYSTEME DE COMMUNICATION  
RECONFIGURABLE A REDUCTION DE  
LA CHARGE IMPOSEE AUX NOEUDS  
DE COMMUTATION  
[72] IKI, Naohiro, JP  
[73] NEC CORPORATION, JP  
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[30] JP (2-82641) 1990-03-29

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[13] C

[51] Int.Cl. 6G05D 23/19  
[25] EN  
[54] THERMOSTAT WITH ROTARY  
DIAL PROGRAM SETTING  
[54] THERMOSTAT PROGRAMMABLE  
PAR SELECTEUR ROTATIF  
[72] UPTOGRAPH, Greg S., US  
[73] LUX PRODUCTS CORPORATION,  
US  
[22] 1997-05-13  
[30] US (08/681,212) 1996-07-22

[11] 2,205,706  
[13] C

[51] Int.Cl. 6B43K 25/00 6G01B 3/10  
[25] EN  
[54] WRITING INSTRUMENT  
HOLDING CLIP FOR RETRACTABLE  
TAPE MEASURES  
[54] PINCE A TRACEUR POUR RUBAN  
A MESURER RETRACTABLE  
[72] ADAMS, Thomas Francis, US  
[73] ADAMS, Thomas Francis, US  
[22] 1997-05-20  
[30] US (08/650,989) 1996-05-21

[11] 2,205,722  
[13] C

[51] Int.Cl. 6H04R 1/02  
[25] EN  
[54] DIFFERENTIAL MICROPHONE  
ASSEMBLY WITH PASSIVE  
SUPPRESSION OF RESONANCES  
[54] MICROPHONE DIFFERENTIEL A  
SUPPRESSION PASSIVE DES  
RESONANCES  
[72] ZUNIGA, Michael Anthony, US  
[72] BARTLETT, Charles Spurgeon, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1997-05-20  
[30] US (655,781) 1996-05-31

[11] 2,209,642  
[13] C

[51] Int.Cl. 6B66C 1/34 6B66D 3/04 6B66D  
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[25] EN  
[54] BELT HOIST HAVING IMPROVED  
BELT-HOOK ASSEMBLY  
[54] APPAREIL DE LEVAGE A SANGLE  
[72] SAAI, Koji, JP  
[72] FUJIKAWA, Masaru, JP  
[73] ELEPHANT CHAIN BLOCK CO.,  
LTD., JP  
[22] 1997-07-03  
[30] JP (8-202500) 1996-07-31

[11] 2,210,535  
[13] C

[51] Int.Cl. 6G07G 1/14  
[25] EN  
[54] VIRTUAL POS TERMINAL  
[54] TERMINAL DE POINT DE VENTE  
VIRTUEL  
[72] WALLNER, George, US  
[73] HYPERCOM CORPORATION, US  
[85] 1997-07-15  
[86] 1996-01-25 (PCT/US96/01421)  
[87] (WO96/23284)  
[30] US (08/379,734) 1995-01-27

[11] 2,211,709  
[13] C

[51] Int.Cl. 6G03B 21/00 6G09B 11/00  
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[25] EN  
[54] SLIDE PROJECTOR ASSEMBLY  
[54] PROJETEUR DE DIAPOSITIVES  
[72] FROMM, Wayne G., CA  
[73] FROMM, Wayne G., CA  
[22] 1997-07-28

[11] 2,219,175  
[13] C

[51] Int.Cl. 6B63B 22/02 6B63B 27/34  
[25] EN  
[54] CAM FLUID TRANSFER SYSTEM  
[54] SYSTEME DE TRANSFERT DE  
FLUIDE AU MOYEN D'UN ANCRAGE  
ARTICULE A CHAINES  
[72] POLLACK, Jack, US  
[73] IMODCO, INC., US  
[22] 1997-10-27  
[30] US (08/789,705) 1997-01-27

[11] 2,222,116  
[13] C

[51] Int.Cl. 6A61B 5/026  
[25] EN  
[54] METHOD AND APPARATUS FOR  
DETERMINING A DEGREE OF  
RECIRCULATION FLOW OF A FLUID  
[54] METHODE ET APPAREIL DE  
DETERMINATION DU DEGRE DE  
RECIRCULATION D'UN FLUIDE  
[72] OGAWA, Francis T., US  
[72] BRUGGER, James M., US  
[72] BUFFALOE, George W., IV, US  
[73] COBE LABORATORIES, INC., US  
[22] 1993-09-13  
[62] 2,106,019  
[30] US (07/954,584) 1992-09-30

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[13] C

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[25] EN  
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DEPOSITION OF METAL  
[54] ARTICLE OBTENU PAR DEPOT  
DE METAL EN COUCHES  
[72] SUDHALKAR, Atul M., US  
[72] STERETT, Robert A., US  
[73] AEROQUIP CORPORATION, US  
[85] 1997-12-15  
[86] 1996-09-06 (PCT/US96/14319)  
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[13] C

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[25] EN  
[54] **FREE FORM ARTICLE BY LAYER  
DEPOSITION**  
[54] **ARTICLE A FORMES LIBRES  
OBTENU PAR DEPOSITION DE  
COUCHES**  
[72] STERETT, Robert A., US  
[72] SUDHALKAR, Atul M., US  
[73] AEROQUIP CORPORATION, US  
[85] 1997-12-15  
[86] 1996-09-06 (PCT/US96/14320)  
[87] (WO97/09142)  
[30] US (08/525,000) 1995-09-08

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[13] C

[51] **Int.Cl. 6C01B 13/11**  
[25] EN  
[54] **OZONE GENERATOR  
OZONEUR**  
[72] CROSBIE, Robert, CA  
[73] CROSBIE, Robert, CA  
[22] 1998-03-18

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[11] **2,249,976**  
[13] C

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6H04N 5/77**  
[25] EN  
[54] **WEARABLE CAMERA SYSTEM  
WITH VIEWFINDER MEANS**  
[54] **SYSTEME DE CAMERA  
PORTABLE AVEC MOYEN DE VISEE**  
[72] MANN, W. Steve G., CA  
[73] MANN, W. Steve G., CA  
[22] 1998-10-15  
[30] CA (2,228,403) 1998-02-02  
[30] CA (2,233,047) 1998-03-25



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[51] Int.Cl. 6C12Q 1/68 6C12Q 1/34  
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[25] EN  
[54] PIN METHOD FOR MEASURING  
BIOACTIVE SUBSTANCE  
[54] MESURE DE MATIERE BIO-  
ACTIVE PAR LE BIAIS D'UN  
DISPOSITIF EN FORME D'AIGUILLE  
[72] GAN, Zhibo, CA  
[72] MARQUARDT, Ronald, CA  
[71] NORZYME INC., CA  
[22] 1998-04-16  
[43] 1999-10-16

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[13] A1  
[51] Int.Cl. 6C12N 15/11 6C07K 14/00  
6A61K 39/385 6A61K 47/42 6A61K 47/48  
[25] EN  
[54] A POLYPEPTIDE VECTOR FOR  
THE DELIVERY OF IMMUNOGENIC  
EPITOPES TO THE IMMUNE SYSTEM  
USING AN INJECTION, ORALLY, BY A  
NASAL SPRAY, SKIN PATCH OR  
TRANSPLANTABLE INSTRUMENTS  
[54] VECTEUR POLYPEPTIDE POUR  
INTRODUIRE DES EPITOPES  
IMMUNOGENES DANS LE SYSTEME  
IMMUNITAIRE PAR INJECTION, VOIE  
ORALE, PULVERISATION NASALE,  
DISPOSITIF TRANSDERMIQUE OU  
INSTRUMENTS DE  
TRANSPLANTATION  
[72] SALEH, Mazen T., CA  
[71] SALEH, Mazen T., CA  
[22] 1998-04-14  
[43] 1999-10-14

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[13] A1  
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[25] EN  
[54] MEMORIAL DOME  
[54] DOME COMMEMORATIF  
[72] TONTODONATI, Walter, CA  
[71] TONTODONATI, Walter, CA  
[22] 1998-04-14  
[43] 1999-10-14

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[21] **2,228,825**  
[13] A1  
[51] Int.Cl. 6B60R 1/06  
[25] EN  
[54] FRONT VIEW VEHICLE MIRROR  
SYSTEM  
[54] SYSTEME DE MIROIR DE VUE DE  
FACE POUR VEHICULE  
[72] VO, Thuan Quang, CA  
[71] VO, Thuan Quang, CA  
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[51] Int.Cl. 6E01F 5/00 6E03F 5/06  
[25] EN  
[54] ANIMAL CONTROL GATE FOR  
CULVERTS AND THE LIKE  
[54] BARRIERE DE PROTECTION  
CONTRE LES ANIMAUX POUR BUSES  
ET INSTALLATIONS SEMBLABLES  
[72] TAGGART, Paul W., CA  
[71] TAGGART, Paul W., CA  
[22] 1998-04-14  
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[13] A1  
[51] Int.Cl. 6G08B 17/10  
[25] EN  
[54] GAS AND SMOKE ALARM  
[54] AVERTISSEUR DE FUMEE ET DE  
FUIITE DE GAZ  
[72] BORCUTI, Maxim, CA  
[71] BORCUTI, Maxim, CA  
[22] 1998-04-14  
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[21] **2,228,832**  
[13] A1  
[51] Int.Cl. 6H02B 1/30  
[25] EN  
[54] AN A.C. POWER TRANSFER  
PANEL  
[54] PANNEAU DE TRANSFERT DE  
POUVOIR A.C.  
[72] MARTIN, Francis P., CA  
[72] D'EON, Douglas, CA  
[71] MARTIN, Francis P., CA  
[71] D'EON, Douglas, CA  
[22] 1998-04-15  
[43] 1999-10-15

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[13] A1  
[51] Int.Cl. 6B27C 5/10 6B25F 5/00  
[25] EN  
[54] MULTI-ANGLE ROUTER FENCE  
[54] GUIDE DE TOUPIE A ANGLES  
VARIABLES  
[72] GLADYSZ, Darren, CA  
[71] GLADYSZ, Darren, CA  
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[13] A1  
[51] **Int.Cl. 6B60R 25/00**  
[25] EN  
[54] **SURE STOP**  
[54] **ARRET SUR**  
[72] TUCHSCHERER, Michael Robert, CA  
[71] TUCHSCHERER, Michael Robert, CA  
[22] 1998-04-16  
[43] 1999-10-16

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[13] A1  
[51] **Int.Cl. 6A61H 3/00**  
[25] FR  
[54] **APPUI-PERSONNE**  
[54] **SUPPORT APPARATUS FOR  
PEOPLE WITH MOBILITY PROBLEMS**  
[72] SIMARD, Grégoire, CA  
[71] SIMARD, Grégoire, CA  
[22] 1998-04-16  
[43] 1999-10-16

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[13] A1  
[51] **Int.Cl. 6F16L 43/00**  
[25] FR  
[54] **RACCORD DE TRANSFERT  
FLEXIBLE**  
[54] **FLEXIBLE TRANSFER  
CONNECTION**  
[72] BILODEAU, Sylvain, CA  
[71] BILODEAU, Sylvain, CA  
[22] 1998-04-16  
[43] 1999-10-16

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[13] A1  
[51] **Int.Cl. 6E03D 9/05**  
[25] FR  
[54] **ASPIRATEUR PLUS POUR SALLE  
DE BAIN**  
[54] **VACUUM SYSTEM FOR  
BATHROOM ODOURS**  
[72] MASSAAD, Tony K. H., CA  
[71] MASSAAD, Tony K. H., CA  
[22] 1998-04-14  
[43] 1999-10-14

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[13] A1  
[51] **Int.Cl. 6H05K 5/02 6H04N 5/64**  
[25] FR  
[54] **TRAINE PLUS**  
[54] **MESS PLUS**  
[72] DE FILIPPIS, Anna Marina, CA  
[71] DE FILIPPIS, Anna Marina, CA  
[22] 1998-04-14  
[43] 1999-10-14

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[13] A1  
[51] **Int.Cl. 6B60D 1/64 6B60R 16/02**  
[25] FR  
[54] **ADAPTEUR-CONVERTISSEUR**  
[54] **ADAPTER-CONVERTER**  
[72] THELLAND, René, CA  
[71] THELLAND, René, CA  
[22] 1998-04-16  
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[13] A1  
[51] **Int.Cl. 6B63B 35/79 6B63B 5/02**  
[25] FR  
[54] **METHODE D'UTILISATION DE  
NOYAUX RIGIDES EN BOIS DE Balsa  
POUR LA FABRICATION DE LA  
PLANCHE A VAGUE**  
[54] **METHOD FOR USING A RIGID  
Balsa-WOOD CORE IN SURFBOARD  
CONSTRUCTION**  
[72] DÉSAULNIERS, Paul, CA  
[71] DÉSAULNIERS, Paul, CA  
[22] 1998-04-14  
[43] 1999-10-14

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[13] A1  
[51] **Int.Cl. 6A61M 5/46**  
[25] EN  
[54] **NEEDLE AID**  
[54] **AIDE-AIGUILLE**  
[72] WILLIAMSON, Laura Jean, CA  
[72] INKPEN, Thomas Randall, CA  
[71] WILLIAMSON, Laura Jean, CA  
[71] INKPEN, Thomas Randall, CA  
[22] 1998-04-15  
[43] 1999-10-15

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[21] **2,229,524**  
[13] A1  
[51] **Int.Cl. 6A63B 69/00**  
[25] EN  
[54] **BATTING SWING TRAINING  
APPARATUS AND METHOD**  
[54] **METHODE ET APPAREIL  
PERMETTANT DE S'ENTRAINER A  
FRAPPER UNE BALLE AVEC UN  
BATON (AVEC UN MOUVEMENT DE  
SWING)**  
[72] MARLOW, Wayne, CA  
[71] MARLOW, Wayne, CA  
[22] 1998-04-15  
[43] 1999-10-15

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[21] **2,230,264**  
[13] A1  
[51] **Int.Cl. 6B65D 21/08**  
[25] FR  
[54] **CONTENANT A VOLUME  
VARIABLE POUR DENREES EN VRAC**  
[54] **VARIABLE VOLUME CONTAINER  
FOR LOOSE GOODS**  
[72] PARROT, Lucie, CA  
[71] PARROT, Lucie, CA  
[22] 1998-04-14  
[43] 1999-10-14

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[21] **2,230,270**  
[13] A1  
[51] **Int.Cl. 6B64D 35/08**  
[25] FR  
[54] **ARBRE MULTI MOTORISE**  
[54] **MULTI MOTORISED SHAFT**  
[72] MARTEL, Yvon, CA  
[71] MARTEL, Yvon, CA  
[22] 1998-04-16  
[43] 1999-10-16

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[21] **2,231,383**  
[13] A1

[51] **Int.Cl. 6A61B 17/36 6A61B 17/41**  
[25] EN  
[54] **COMBINED HANDLE, NEEDLE HEAD ASSEMBLY AND PROTECTIVE COVER FOR USE IN A HAIR REMOVAL ELECTROLYSIS APPARATUS**  
[54] **COMBINAISON MANCHE, ASSEMBLAGE DE TETE D'AIGUILLE ET CAPUCHON D'AIGUILLE POUR EMPLOI DANS UN APPAREIL D'EPILATION PAR ELECTROLYSE**  
[72] GHEDIN, ALPHONSE, CA  
[71] SILHOUET TONE APPAREILS DE BEAUTÉ LTÉE, CA  
[22] 1998-04-16  
[43] 1999-10-16

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[21] **2,231,491**  
[13] A1

[51] **Int.Cl. 6F16H 15/22**  
[25] EN  
[54] **REVERSIBLE DRIVEN PULLEY**  
[54] **POULIE A MARCHE REVERSIBVLE**  
[72] CHAMBERLAND, René, CA  
[71] POWERBLOC IBC CANADA INC., CA  
[22] 1998-04-16  
[43] 1999-10-16

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[21] **2,231,524**  
[13] A1

[51] **Int.Cl. 6G01N 25/72 6G01M 15/00**  
[25] EN  
[54] **DETECTION OF NEAR SURFACE DEFECTS BY REVERSED THERMOGRAPHY**  
[54] **DETECTION DE DEFECTUOSITE PRES DE LA SURFACE PAR THERMOGRAPHIE INVERSEE**  
[72] NADEAU, François, CA  
[72] POULIOT, Luc, CA  
[72] BLAIN, Jacques, CA  
[71] TECNAR AUTOMATION LTÉE, CA  
[22] 1998-04-16  
[43] 1999-10-16

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[21] **2,231,802**  
[13] A1

[51] **Int.Cl. 6A43B 13/18 6A43B 13/40**  
[25] EN  
[54] **AN AERATED CUSHIONING STRUCTURE WITH A VARIABLE DENSITY THROUGHOUT**  
[54] **STRUCTURE AEREE COUSSINEE AVEC EPAISSEUR A DENSITE VARIABLE**  
[72] BRIE, Serge, CA  
[71] BRIE, Serge, CA  
[22] 1998-04-15  
[43] 1999-10-15

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[21] **2,233,713**  
[13] A1

[51] **Int.Cl. 6E06C 1/22 6E06C 7/02**  
[25] EN  
[54] **LADDER EXTENDER**  
[54] **RALLONGE D'ECELLE**  
[72] SIMARD, Yves M., CA  
[71] SIMARD, Yves M., CA  
[22] 1998-04-15  
[43] 1999-10-15

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[21] **2,234,485**  
[13] A1

[51] **Int.Cl. 6E04B 2/30 6E04B 1/38**  
[25] EN  
[54] **BRICK-TIE, IN MOULDED PLASTIC**  
[54] **AGRAFE A BRIQUE EN PLASTIQUE MOULE**  
[72] PLUME, John Robert, CA  
[71] PLUME, John Robert, CA  
[22] 1998-04-14  
[43] 1999-10-14

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[21] **2,234,486**  
[13] A1

[51] **Int.Cl. 6G05B 19/00**  
[25] EN  
[54] **3D READY LAMP**  
[54] **LAMPE INTELLIGENTE 3D**  
[72] BAUER, Will N., CA  
[71] BAUER, Will N., CA  
[22] 1998-04-16  
[43] 1999-10-16

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[21] **2,234,659**  
[13] A1

[51] **Int.Cl. 6G02B 6/36 6G02B 6/38**  
[25] EN  
[54] **FLANGED OPTICAL CONNECTOR**  
[54] **CONNECTEUR OPTIQUE A BRIDES**  
[72] CHAUVIN, Jean-Guy Gerard, CA  
[72] GAGNON, Marc J., CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1998-04-14  
[43] 1999-10-14

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[21] **2,234,660**  
[13] A1

[51] **Int.Cl. 6H04M 1/65 6H04M 1/57**  
[25] EN  
[54] **CALL SCREENING SYSTEM**  
[54] **SYSTEME DE FILTRAGE D'APPELS**  
[72] QUINN, Kenneth R., CA  
[71] QUINN, Kenneth R., CA  
[22] 1998-04-14  
[43] 1999-10-14

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[21] **2,234,732**  
[13] A1

[51] **Int.Cl. 6E04B 2/08 6E04B 1/10**  
[25] EN  
[54] **JOINTING SYSTEM FOR WALL-BUILDING PIECES**  
[54] **SYSTEME D'ASSEMBLAGE DE PIECES DE CONSTRUCTION DE MURS**  
[72] MAITERTH, Konrad Uwe, CA  
[71] MAITERTH, Konrad Uwe, CA  
[22] 1998-04-14  
[43] 1999-10-14

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[21] **2,234,760**  
[13] A1

[51] **Int.Cl. 6G01V 15/00**  
[25] EN  
[54] **DEACTIVATABLE MAGNETIC MARKER AND METHOD FOR PRODUCTION THEREOF**  
[54] **MARQUEUR MAGNETIQUE POUVANT ETRE DESACTIVE ET METHODE DE FABRICATION DE CELUI-CI**  
[72] RUDKOWSKI, Piotr, CA  
[72] STROM-OLSEN, John, CA  
[71] MXT INC., CA  
[22] 1998-04-15  
[43] 1999-10-15

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[21] **2,234,777**  
[13] A1  
[51] Int.Cl. 6H04Q 7/30 6H04L 27/01  
6H04L 12/28 6H04Q 7/32  
[25] EN  
[54] ASYMMETRIC EQUALIZATION  
SYSTEM FOR DATA TRANSMISSION  
[54] SYSTEME DE COMPENSATION  
ASYMETRIQUE POUR LA  
TRANSMISSION DE DONNEES  
[72] MCGIBNEY, Grant, CA  
[71] TELECOMMUNICATIONS  
RESEARCH LABORATORIES, CA  
[22] 1998-04-15  
[43] 1999-10-15

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[21] **2,234,783**  
[13] A1  
[51] Int.Cl. 6B62D 35/00 6B60J 1/20  
[25] EN  
[54] TWO-PIECE NESTABLE  
AIRFAIRING  
[54] CARENAGE AERIEN DEUX  
PIECES EMBOITABLE  
[72] LANGLOIS, Richard, CA  
[71] LANGLOIS, Richard, CA  
[22] 1998-04-15  
[43] 1999-10-15

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[21] **2,234,814**  
[13] A1  
[51] Int.Cl. 6G01B 3/56 6B63H 16/04  
[25] EN  
[54] GAUGE FOR USE WITH AN  
INSTRUMENT FOR MEASURING THE  
PITCH OF AN OAR BLADE  
[54] INCLINOMETRE POUR MESURER  
L'INCLINAISON DE LA PALE D'UN  
AVIRON  
[72] STEWART, Michael S., CA  
[71] STEWART, Michael S., CA  
[22] 1998-04-14  
[43] 1999-10-14

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[21] **2,234,834**  
[13] A1  
[51] Int.Cl. 6B25B 13/30  
[25] EN  
[54] ADJUSTABLE WRENCH  
[54] CLE A OUVERTURE VARIABLE  
[72] CHIANG, Cho-Cheng, TW  
[71] CHIANG, Cho-Cheng, TW  
[22] 1998-04-14  
[43] 1999-10-14

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[21] **2,234,835**  
[13] A1  
[51] Int.Cl. 6H01R 4/00 6H01R 43/00  
6H05K 3/30 6H01L 23/48  
[25] EN  
[54] ELECTRIC TERMINAL  
CONNECTION METHOD  
[54] MODE DE RACCORDEMENT  
ELECTRIQUE  
[72] SUGA, Tadatomo, JP  
[71] SUGA, Tadatomo, JP  
[22] 1998-04-15  
[43] 1999-10-15

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[21] **2,234,837**  
[13] A1  
[51] Int.Cl. 6G10K 1/07 6G10K 1/10  
[25] EN  
[54] NOISEMAKER  
[54] BRUITEUR  
[72] LIVINGSTON, Antony, CA  
[71] LIVINGSTON, Antony, CA  
[22] 1998-04-15  
[43] 1999-10-15

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[21] **2,234,839**  
[13] A1  
[51] Int.Cl. 6A47C 23/053 6A47C 23/043  
[25] EN  
[54] MATTRESS CONSTRUCTION  
[54] CONSTRUCTION D'UN MATELAS  
[72] WARNER, Bradley, CA  
[71] WARNER, Bradley, CA  
[22] 1998-04-15  
[43] 1999-10-15

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[21] **2,234,859**  
[13] A1  
[51] Int.Cl. 6H01Q 1/38 6H04B 1/00  
6H01Q 1/22 6H04Q 7/32  
[25] EN  
[54] PLANE ANTENNA, AND  
PORTABLE RADIO USING THEREOF  
[54] ANTENNE A PLAN, ET RADIO  
PORTATIF QUI L'UTILISE  
[72] MORISHIMA, Takahito, JP  
[72] SUGURO, Akihiro, JP  
[71] KYOCERA CORPORATION, JP  
[22] 1998-04-16  
[43] 1999-10-16

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[21] **2,234,885**  
[13] A1  
[51] Int.Cl. 6B66F 17/00 6B66F 1/06  
[25] EN  
[54] SAFETY LOCKING MECHANISM  
FOR A MECHANICAL LIFTING JACK  
[54] MECANISME DE VERROUILLAGE  
DE SURETE POUR UN VERIN  
D'ELEVATION MECANIQUE  
[72] BOULANGER, David M., CA  
[71] Northman Holdings Inc., CA  
[22] 1998-04-15  
[43] 1999-10-15

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[21] **2,234,893**  
[13] A1  
[51] Int.Cl. 6E02F 3/96 6F16L 37/00  
[25] EN  
[54] ADJUSTABLE ATTACHMENT  
MECHANISM  
[54] MECANISME DE FIXATION  
AJUSTABLE  
[72] PALMER, Glenn R., CA  
[72] WITTENBERG, John A., CA  
[71] TELEDYNE INDUSTRIES CANADA  
LIMITED, US  
[22] 1998-04-15  
[43] 1999-10-15

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[21] **2,234,916**  
[13] A1  
[51] Int.Cl. 6F24C 1/16 6F24H 3/00  
[25] EN  
[54] SELF-CONTAINED CAMP  
HEATER  
[54] RECHAUD DE CAMPING  
COMPLET  
[72] ROBINSON, Edgar C., CA  
[72] FLEMING, Leonard, CA  
[71] INTERNATIONAL THERMAL  
INVESTMENTS LTD., CA  
[22] 1998-04-16  
[43] 1999-10-16

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[21] **2,234,988**  
[13] A1  
[51] Int.Cl. 6G01N 1/16  
[25] EN  
[54] GRAIN BIN SAMPLER  
[54] ECHANTILLONNEUR POUR  
TREMIE A GRAIN  
[72] NIEMAN, Dave, CA  
[71] NIEMAN, Dave, CA  
[22] 1998-04-16  
[43] 1999-10-16

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[21] **2,234,991**  
[13] A1

[51] **Int.Cl. 6G06F 1/14**  
[25] EN  
[54] **SYSTEM AND METHOD FOR STORING AND PROCESSING DATE INFORMATION WHICH SPANS MORE THAN ONE CENTURY**  
[54] **SYSTEME ET METHODE POUR LE STOCKAGE ET LE TRAITEMENT DE DONNEES SUR LES DATES PORTANT SUR PLUS D'UN SIECLE**  
[72] CHAMBERS, Robert M., CA  
[71] AXYN CANADA CORPORATION, CA  
[22] 1998-04-16  
[43] 1999-10-16

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[21] **2,234,993**  
[13] A1

[51] **Int.Cl. 6C12N 1/20 6C07G 11/00 6A61K 45/00 6A01N 63/00 6C12P 21/00 6A01N 63/02 6C12P 1/04 6A61K 38/16 6C07K 14/28 6A61K 35/74**  
[25] EN  
[54] **ISOLATION AND SCREENING OF SUBCUTICULAR BRITTLESTAR BACTERIA FOR ANTIMICROBIAL COMPOUNDS PRODUCTION**  
[54] **ISOLATION ET CRIBLAGE DE BACTERIES INTRADERMIQUES D'OPHIURE POUR LA PRODUCTION DE COMPOSES ANTIMICROBIENS**  
[72] DOBSON, William E., US  
[71] APPALACHIAN STATE UNIVERSITY, US  
[22] 1998-04-16  
[43] 1999-10-16

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[21] **2,235,015**  
[13] A1

[51] **Int.Cl. 6G06F 3/12**  
[25] EN  
[54] **REAL TIME COLOUR CALIBRATION AND CORRECTION (RT3)**  
[54] **CALIBRATION ET CORRECTION DE COULEURS EN TEMPS REEL**  
[72] DESBOROUGH, Mark, CA  
[71] DESBOROUGH, Mark, CA  
[22] 1998-04-16  
[43] 1999-10-16

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[21] **2,235,021**  
[13] A1

[51] **Int.Cl. 6G01N 1/34 6G01R 31/02 6G01R 31/12 6G01N 1/40**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR MONITORING GAS(ES) IN A DIELECTRIC FLUID**  
[54] **METHODE ET APPAREIL DE CONTROLE DE GAZ DANS UN LIQUIDE DIELECTRIQUE**  
[72] QIN, RENYAN, CA  
[72] NOIRHOMME, Bernard, CA  
[72] GIBEAULT, Jean-Pierre, CA  
[71] QIN, RENYAN, CA  
[71] NOIRHOMME, Bernard, CA  
[71] GIBEAULT, Jean-Pierre, CA  
[22] 1998-04-14  
[43] 1999-10-14

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[21] **2,235,061**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **NEW HIRE PROCESSING AUTOMATION SYSTEM AND METHOD**  
[54] **NOUVEAU SYSTEME AUTOMATISE DE TRAITEMENT DES EMBAUCHES ET METHODE CONNEXE**  
[72] REGAN, John P., US  
[71] MOORE U.S.A. INC., US  
[22] 1998-04-17  
[43] 1999-10-15  
[30] US (09/060,307) 1998-04-15

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[21] **2,236,183**  
[13] A1

[51] **Int.Cl. 6C10G 1/06**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR CONVERTING OIL SHALE OR TAR SANDS TO OIL**  
[54] **PROCESSUS ET APPAREIL POUR CONVERTIR DU SCHISTE A PYROBITUME OU DES SABLES BITUMINEUX EN PETROLE**  
[72] DOYLE, James A., US  
[72] HILDEBRANDT, Fred, CA  
[72] KIRKBRIDE, Chalmer G., US  
[71] DOYLE, James A., US  
[71] HILDEBRANDT, Fred, CA  
[71] KIRKBRIDE, Chalmer G., US  
[22] 1998-04-28  
[43] 1999-10-10  
[30] US (09/058,184) 1998-04-10

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[21] **2,236,291**  
[13] A1

[51] **Int.Cl. 6B63H 1/06 6B63H 16/20**  
[25] EN  
[54] **PEDAL BOAT**  
[54] **BATEAU A PEDALES**  
[72] LEKHTMAN, David, CA  
[71] STEP JET CORPORATION, CA  
[22] 1998-04-29  
[43] 1999-10-14  
[30] US (09/059,433) 1998-04-14

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[21] **2,238,045**  
[13] A1

[51] **Int.Cl. 6A01N 55/10 6A01K 13/00 6A01K 15/00 6A01K 27/00 6A01K 29/00 6A01K 39/01 6A01K 1/015 6A01N 55/04 6A01N 31/16**  
[25] EN  
[54] **MICROBE-INHIBITING NOVELTY ARTICLES FOR PETS**  
[54] **NOUVEAUX PRODUITS ANTI-MICROBES POUR ANIMAUX DE COMPAGNIE**  
[72] DENESUK, Matthew, US  
[72] UHLMANN, Eugenie V., US  
[71] SEEFAR TECHNOLOGIES, INC., US  
[22] 1998-06-23  
[43] 1999-10-14  
[30] US (09/060,243) 1998-04-14

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[21] **2,238,083**  
[13] A1

[51] **Int.Cl. 6G06F 1/14**  
[25] EN  
[54] **SYSTEM AND METHOD FOR STORING AND PROCESSING DATE INFORMATION CAPABLE OF SPANNING CENTURIES**  
[54] **SYSTEME ET METHODE POUR LE STOCKAGE ET LE TRAITEMENT DE DONNEES SUR LES DATES PORTANT SUR PLUSIEURS SIECLES**  
[72] CHAMBERS, Robert M., CA  
[71] AXYN CANADA CORPORATION, CA  
[22] 1998-05-20  
[43] 1999-10-16  
[30] CA (2,234,991) 1998-04-16

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[21] 2,238,115  
[13] A1

[51] Int.Cl. 6A01K 15/02 6A01K 29/00  
6A01N 59/00 6A01N 55/10 6A01N 31/16  
6A01N 25/34

[25] EN  
[54] AMUSEMENT ARTICLES  
POSSESSING MICROBE-INHIBITING  
PROPERTIES

[54] ARTICLES DE DIVERTISSEMENT  
AYANT DES CARACTERISTIQUES  
ANTI-MICROBIENNES

[72] DENESUK, Matthew, US  
[72] UHLMANN, Eugenie V., US  
[71] SEEFAR TECHNOLOGIES, INC., US  
[22] 1998-06-23  
[43] 1999-10-14  
[30] US (09/059,826) 1998-04-14

[21] 2,238,122  
[13] A1

[51] Int.Cl. 6A01K 15/02 6A01K 29/00  
6A01N 59/00 6A01N 55/04 6A01N 31/16  
6A01N 25/34

[25] EN  
[54] MASTICATION ARTICLES  
POSSESSING MICROBE-INHIBITING  
PROPERTIES

[54] ARTICLES DE MASTICATION  
AYANT DES CARACTERISTIQUES  
ANTI-MICROBIENNES

[72] DENESUK, Matthew, US  
[72] UHLMANN, Eugenie V., US  
[71] SEEFAR TECHNOLOGIES, INC., US  
[22] 1998-06-23  
[43] 1999-10-14  
[30] US (09/059,956) 1998-04-14

[21] 2,238,154  
[13] A1

[51] Int.Cl. 6A01K 1/015 6A01N 59/00  
6A01K 1/035 6A01N 55/10 6A01N 31/16

[25] EN  
[54] BEDDING ARTICLES POSSESSING  
MICROBE-INHIBITING PROPERTIES

[54] ARTICLES DE COUCHAGE  
AYANT DES CARACTERISTIQUES  
ANTI-MICROBIENNES

[72] SMITH, Maryclay, US  
[72] DENESUK, Matthew, US  
[72] UHLMANN, Eugenie V., US  
[72] HINGST, Erin, US  
[71] SEEFAR TECHNOLOGIES, INC., US  
[22] 1998-06-23  
[43] 1999-10-14  
[30] US (09/059,893) 1998-04-14

[21] 2,238,998  
[13] A1

[51] Int.Cl. 6E21B 15/00 6E21B 19/00  
6E21B 44/00

[25] EN  
[54] REMOTELY ACCESSIBLE  
MOBILE REPAIR UNIT FOR WELLS  
[54] UNITE DE REPARATION MOBILE  
ACCESSIBLE A DISTANCE POUR LES  
PUITS

[72] NEWMAN, Frederic M., US  
[71] NEWMAN, Frederic M., US  
[22] 1998-05-28  
[43] 1999-10-15  
[30] US (09/058,477) 1998-04-15

[21] 2,239,271  
[13] A1

[51] Int.Cl. 6B61H 13/02 6B60T 7/08

[25] EN  
[54] JOINTED HAND BRAKE RELEASE  
HANDLE

[54] LEVIER ARTICULE DE  
DESSERRAGE DE FREIN A MAIN

[72] SOMMERFELD, Howard, US  
[72] BRABB, David C., US  
[72] STROER, W. Kurt, US  
[71] WESTINGHOUSE AIR BRAKE  
COMPANY, US  
[22] 1998-05-29  
[43] 1999-10-16  
[30] US (061,314) 1998-04-16

[21] 2,239,272  
[13] A1

[51] Int.Cl. 6B61H 13/02 6B60T 7/08

[25] EN  
[54] TWO PIECE HAND BRAKE  
RELEASE HANDLE

[54] LEVIER DE DESSERRAGE DE  
FREIN A MAIN EN DEUX PIECES

[72] STROER, W. Kurt, US  
[71] WESTINGHOUSE AIR BRAKE  
COMPANY, US  
[22] 1998-05-29  
[43] 1999-10-16  
[30] US (061,313) 1998-04-16

[21] 2,239,845  
[13] A1

[51] Int.Cl. 6B29C 65/06 6F16L 47/00

[25] EN  
[54] A JOINTING APPARATUS OF  
THERMO PLASTIC PIPES  
[54] DISPOSITIF POUR ABOUTER DES  
TUYAUX THERMO-PLASTIQUES

[72] NOMURA, Hirokazu, JP  
[72] HIRABAYASHI, Kiyoteru, JP  
[72] MAO, Wenjie, JP  
[71] NIPPON KOKAN KOJI KABUSHIKI  
KAISHA, JP  
[22] 1998-06-08  
[43] 1999-10-13  
[30] JP (10-100706) 1998-04-13

[21] 2,240,609  
[13] A1

[51] Int.Cl. 6C12N 5/10 6A01K 67/027  
6G01N 33/68 6C12Q 1/68 6C12N 15/85

[25] EN  
[54] A METHOD FOR GENERATING  
HYPERMUTABLE ORGANISMS

[54] METHODE DE CREATION  
D'ORGANISMES HYPERMUTABLES

[72] VOGELSTEIN, Bert, US  
[72] NICOLAIDES, Nicholas, US  
[72] KINZLER, Kenneth W., US  
[71] THE JOHNS HOPKINS UNIVERSITY,  
US  
[22] 1998-08-11  
[43] 1999-10-14  
[30] US (09/059,461) 1998-04-14

[21] 2,241,407  
[13] A1

[51] Int.Cl. 6B60R 11/00 6G09F 21/04

[25] EN  
[54] APPARATUS FOR CONNECTING  
ADVERTISING SUBSTRATE TO  
TRUCKS

[54] APPAREIL POUR FIXER UN  
SUPPORT PUBLICITAIRE A UN  
CAMION

[72] HICKS, Charles H., US  
[71] HICKS, Charles H., US  
[22] 1998-06-24  
[43] 1999-10-13  
[30] US (09/059654) 1998-04-13

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[21] **2,241,550**  
[13] A1

[51] **Int.Cl. 6B60T 15/36**  
[25] EN  
[54] **BRAKE VALVE SYSTEM FOR DEDICATED FREIGHT CARS**  
[54] **SYSTEME DE ROBINET DE FREIN POUR WAGONS DE MARCHANDISES SPECIALISES**  
[72] DAUGHERTY, David W., Jr., US  
[72] RING, Michael E., US  
[72] WEBER, Harry E., US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1998-06-23  
[43] 1999-10-13  
[30] US (059,235) 1998-04-13

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[21] **2,242,270**  
[13] A1

[51] **Int.Cl. 6A63B 69/00**  
[25] EN  
[54] **BATTING SWING/HITTING TRAINING APPARATUS AND METHOD**  
[54] **METHODE ET APPAREIL PERMETTANT DE S'ENTRAINER A FRAPPER UNE BALLE AVEC UN BATON (AVEC UN MOUVEMENT DE SWING)**  
[72] MARLOW, Wayne Sanford, CA  
[71] MARLOW, Wayne Sanford, CA  
[22] 1998-08-11  
[43] 1999-10-15  
[30] CA (2,229524) 1998-04-15

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[21] **2,243,128**  
[13] A1

[51] **Int.Cl. 6F24F 13/32 6F24F 6/06 6F24F 13/20**  
[25] EN  
[54] **REVERSIBLE HUMIDIFIER HOUSING**  
[54] **BOITIER REVERSIBLE POUR HUMIDIFICATEUR**  
[72] MENASSA, Chérif, CA  
[72] BENOÎT, Alain, CA  
[72] WILLIAMSON, Brian, CA  
[71] THERMOLEC LTÉE., CA  
[22] 1998-07-10  
[43] 1999-10-15  
[30] US (09/060,660) 1998-04-15

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[21] **2,243,840**  
[13] A1

[51] **Int.Cl. 6F01N 3/02**  
[25] EN  
[54] **DEVICE FOR CLEANING EXHAUST GASES**  
[54] **APPAREIL D'EPURATION DE GAZ D'ECHAPPEMENT**  
[72] SAKAKIBARA, Akira, JP  
[71] SAKAKIBARA, Akira, JP  
[22] 1998-07-17  
[43] 1999-10-13  
[30] JP (10-101190) 1998-04-13

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[21] **2,246,898**  
[13] A1

[51] **Int.Cl. 6B26B 25/00 6B26B 29/00**  
[25] EN  
[54] **ROTARY CUTTER**  
[54] **COUPEUR ROTATIF**  
[72] TAKESHITA, Takahiro, JP  
[71] KAI R&D CENTER CO., LTD., JP  
[22] 1998-09-09  
[43] 1999-10-16  
[30] JP (10-106652) 1998-04-16

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[13] A1

[51] **Int.Cl. 6H04N 7/18 6A01B 69/00**  
[25] EN  
[54] **FIELD POSITION VIEWER FOR AGRICULTURAL IMPLEMENTS**  
[54] **VISUALISEUR DE POSITION SUR LE TERRAIN D'INSTRUMENTS ARATOIRES**  
[72] LINN, Blaine, CA  
[72] GARDNER, Tracy, CA  
[71] LINN, Blaine, CA  
[71] GARDNER, Tracy, CA  
[22] 1998-09-28  
[43] 1999-10-13  
[30] US (09/138,661) 1998-08-24

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[21] **2,249,707**  
[13] A1

[51] **Int.Cl. 6B22D 41/50**  
[25] EN  
[54] **SUBMERGED ENTRY NOZZLE**  
[54] **BUSETTE DE COULEE**  
**IMMERGEE**  
[72] DAMLE, Chandrashekhar S., US  
[71] LTV STEEL COMPANY, INC., US  
[22] 1998-10-29  
[43] 1999-10-14  
[30] US (09/059,843) 1998-04-14

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[21] **2,249,719**  
[13] A1

[51] **Int.Cl. 6C09K 3/18**  
[25] EN  
[54] **FREEZE-PREVENTING MATERIAL AND METHOD FOR PREVENTING PAVEMENT SURFACE FROM FREEZING**  
[54] **MATIERE ANTIGEL ET METHODE POUR EMPECHER LE GEL D'UNE SURFACE PAVEE**  
[72] SAZAWA, Masaki, JP  
[72] KITAMURA, Kenichi, JP  
[72] ISHIOKA, Nobuya, JP  
[72] YAMAGUCHI, Tetsuhiko, JP  
[71] SHOWA DENKO KABUSHIKI KAISHA, JP  
[22] 1998-10-06  
[43] 1999-10-16  
[30] JP (10-106110) 1998-04-16

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[21] **2,252,317**  
[13] A1

[51] **Int.Cl. 6D21D 5/06**  
[25] EN  
[54] **SCREEN APPARATUS**  
[54] **DISPOSITIF DE GRILLE**  
[72] AIKAWA, Yoshihiko, JP  
[71] AIKAWA IRON WORKS CO., LTD., JP  
[22] 1998-11-03  
[43] 1999-10-16  
[30] JP (1998-106760) 1998-04-16  
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[21] **2,253,161**  
[13] A1

[51] **Int.Cl. 6C25B 1/00**  
[25] EN  
[54] **ELECTROCHEMICAL OXIDATION OF HYDROGEN SULFIDE**  
[54] **OXYDATION ELECTROCHIMIQUE DU SULFURE D'HYDROGENE**  
[72] SLAVOV, Stefan V., CA  
[72] CHUANG, Karl T., CA  
[72] SANGER, Alan R., CA  
[72] DONINI, John C. (deceased), CA  
[71] HER MAJESTY IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL, CA  
[22] 1998-10-30  
[43] 1999-10-16  
[30] US (09/061,109) 1998-04-16

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[21] **2,255,262**  
[13] A1  
[51] **Int.Cl. 6F16B 31/02**  
[25] EN  
[54] **FASTENER SYSTEM INCLUDING A CLAMP-FORCE INDICATING INSERT**  
[54] **SYSTEME D'ATTACHE COMPRENANT INSERTION A INDICATION DE FORCE DE SERRAGE**  
[72] HERRERA, Richard Jay, US  
[71] U-HAUL INTERNATIONAL, INC., US  
[22] 1998-12-02  
[43] 1999-10-16  
[30] US (09/061,829) 1998-04-16

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[21] **2,256,806**  
[13] A1  
[51] **Int.Cl. 6B23D 47/04 6B23D 45/02 6E01B 31/04**  
[25] EN  
[54] **PORTABLE CUTTING APPARATUS**  
[54] **SCIE DE RAIL PORTABLE**  
[72] OMI, Shohei, JP  
[72] INAGAKI, Kazuyoshi, JP  
[71] OMI KOGYO CO., LTD., JP  
[22] 1998-12-18  
[43] 1999-10-16  
[30] JP (10-106644) 1998-04-16

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[21] **2,259,875**  
[13] A1  
[51] **Int.Cl. 6E04C 2/00 6E04C 2/34 6E04B 1/70**  
[25] EN  
[54] **PANEL SUPPORT CONSTRUCTION ACCESSORY**  
[54] **ACCESSOIRE DE CONSTRUCTION POUR SOUTENIR DES PANNEAUX**  
[72] BIFANO, Gabriel F., US  
[72] REYES, Erenio, US  
[71] VINYL CORPORATION, US  
[22] 1999-01-22  
[43] 1999-10-14  
[30] US (09/059,743) 1998-04-14

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[21] **2,259,877**  
[13] A1  
[51] **Int.Cl. 6E04C 2/00 6E04C 2/34 6E04B 1/70**  
[25] EN  
[54] **CONSTRUCTION ACCESSORY**  
[54] **ACCESSOIRE DE CONSTRUCTION**  
[72] BIFANO, Gabriel F., US  
[72] REYES, Erenio, US  
[71] VINYL CORPORATION, US  
[22] 1999-01-22  
[43] 1999-10-14  
[30] US (09/059,806) 1998-04-14

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[21] **2,260,328**  
[13] A1  
[51] **Int.Cl. 6A01C 7/20 6A01C 7/08**  
[25] EN  
[54] **SEED TUBE FOR SEED METERING APPARATUS**  
[54] **DOSEUSE POUR TUBE A SEMENCES**  
[72] SLOWINSKI, David N., US  
[72] JOHNSON, Chad M., US  
[72] STUFFLEBEAM, John F., US  
[72] DUNHAM, Lisle J., US  
[72] OLSON, Thomas A., US  
[71] CASE CORPORATION, US  
[22] 1999-01-25  
[43] 1999-10-15  
[30] US (09/061,085) 1998-04-15

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[21] **2,260,408**  
[13] A1  
[51] **Int.Cl. 6A47K 5/13 6B67D 5/02**  
[25] EN  
[54] **DISPENSER FOR DISPENSING CONCENTRATED LIQUID SOAP TO INDUSTRIAL CLEANING APPARATUSES**  
[54] **DISTRIBUTEUR DE SAVON LIQUIDE CENTRE POUR DES APPAREILS DE NETTOYAGE INDUSTRIEL**  
[72] YOUNG, Cecil B., US  
[71] YOUNG, Cecil B., US  
[22] 1999-02-12  
[43] 1999-10-14  
[30] US (09/059,254) 1998-04-14

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[21] **2,260,490**  
[13] A1  
[51] **Int.Cl. 6H01M 8/02 6H01M 8/04**  
[25] EN  
[54] **AIR SUPPLY DEVICE FOR FUEL CELL**  
[54] **DISPOSITIF D'ALIMENTATION D'AIR POUR PILE A COMBUSTIBLE**  
[72] KOMAKI, Hideaki, JP  
[72] TAKABE, Shigeru, JP  
[71] ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD., JP  
[22] 1999-01-28  
[43] 1999-10-15  
[30] JP (105079/1998) 1998-04-15

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[21] **2,260,722**  
[13] A1  
[51] **Int.Cl. 6F25J 3/04**  
[25] EN  
[54] **CRYOGENIC RECTIFICATION SYSTEM WITH SERIAL LIQUID AIR FEED**  
[54] **SYSTEME DE REDRESSEMENT CRYOGENIQUE AVEC ALIMENTATION EN SERIE D'AIR LIQUIFIE**  
[72] MUELLER, Eric Owen, US  
[72] ENGELS, Cheryl Ann, US  
[72] BONAQUIST, Dante Patrick, US  
[72] PARSNICK, David Ross, US  
[72] RICOTTA, John Peter, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1999-02-04  
[43] 1999-10-14  
[30] US (09/059,263) 1998-04-14

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[21] **2,260,724**  
[13] A1  
[51] **Int.Cl. 6D06F 58/22**  
[25] EN  
[54] **SELF-CLEANING LINT TRAP**  
[54] **FILTRE A CHARPIE AUTO-NETTOYANT**  
[72] SEARS, Jeffrey L., US  
[71] MAYTAG CORPORATION, US  
[22] 1999-02-04  
[43] 1999-10-15  
[30] US (09/060,585) 1998-04-15

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**10 octobre 1999 - 16 octobre 1999**

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[21] **2,260,732**  
[13] A1

[51] **Int.Cl. 6D06F 58/22**  
[25] EN  
[54] **GRAVITY ASSISTED LINT TRAP**  
[54] **FILTRE A CHARPIE**  
**FONCTIONNANT PAR GRAVITE**  
[72] SEARS, Jeffrey L., US  
[71] MAYTAG CORPORATION, US  
[22] 1999-02-04  
[43] 1999-10-15  
[30] US (09/060,574) 1998-04-15

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[21] **2,261,005**  
[13] A1

[51] **Int.Cl. 6D21F 7/08 6D03D 15/00**  
[25] EN  
[54] **WEAR RESISTANT DESIGN FOR**  
**HIGH TEMPERATURE**  
**PAPER MACHINE APPLICATIONS**  
[54] **CONCEPT RESISTANT A L'USAGE**  
**POUR APPLICATIONS A**  
**TEMPERATURES ELEVEES**  
**RELATIVES AUX MACHINES A**  
**PAPIER**  
[72] KRAMER, Rachel H., US  
[72] CLEGG, Jeff, US  
[72] CROSBY, T. Payton, US  
[72] LEE, Henry J., US  
[71] ASTEN, INC., US  
[22] 1999-02-03  
[43] 1999-10-14  
[30] US (09/191,900) 1998-11-13  
[30] US (60/081,661) 1998-04-14

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[21] **2,261,011**  
[13] A1

[51] **Int.Cl. 6H04N 5/262 6H04N 5/765**  
[25] EN  
[54] **A VIDEO REPRODUCTION**  
**CONTROLLER AND A STORAGE**  
**MEDIUM**  
[54] **CONTROLEUR DE**  
**REPRODUCTION VIDEO ET SUPPORT**  
**DE STOCKAGE**  
[72] EMOTO, Masaki, JP  
[71] NIPPON HOSO KYOKAI, JP  
[22] 1999-02-03  
[43] 1999-10-15  
[30] JP (105,112/1998) 1998-04-15

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[21] **2,261,113**  
[13] A1

[51] **Int.Cl. 6D06F 39/12 6D06F 37/26**  
[25] EN  
[54] **IMPROVED ACCESS TOP COVER**  
**FOR WASHING MACHINE**  
[54] **DESSUS DE LAVEUSE A ACCES**  
**AMELIORE**  
[72] RICHARDSON, Curtis G., US  
[71] MAYTAG CORPORATION, US  
[22] 1999-02-03  
[43] 1999-10-16  
[30] US (09/061,496) 1998-04-16

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[21] **2,261,239**  
[13] A1

[51] **Int.Cl. 6A63B 21/055**  
[25] EN  
[54] **HANDLE STRUCTURE FOR A**  
**CHEST PULL**  
[54] **POIGNEE POUR EXTENSEUR**  
[72] CHIU, Ciber, TW  
[71] CHIU, Ciber, TW  
[22] 1999-02-08  
[43] 1999-10-13  
[30] US (09/059,643) 1998-04-13

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[21] **2,261,407**  
[13] A1

[51] **Int.Cl. 6A01K 1/01 6A01K 27/00**  
**6B65D 85/67**  
[25] EN  
[54] **PET REFUSE DISPOSAL SYSTEM**  
[54] **SYSTEME D'ELIMINATION DES**  
**DECHETS D'ANIMAUX DE**  
**COMPAGNIE**  
[72] EDWARDS, Timothy, US  
[72] EDWARDS, Mary, US  
[71] EDWARDS, Timothy, US  
[71] EDWARDS, Mary, US  
[22] 1999-02-08  
[43] 1999-10-13  
[30] US (09/059,730) 1998-04-13  
[30] US (09/187,012) 1998-11-04

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[21] **2,262,178**  
[13] A1

[51] **Int.Cl. 6B67D 5/42 6A01G 25/14**  
**6B65D 83/76**  
[25] EN  
[54] **FLUID DISPENSING DEVICE FOR**  
**OVERHEAD PLANTS**  
[54] **APPAREIL DE DISTRIBUTION DE**  
**LIQUIDE POUR PLANTES**  
**SUSPENDUES**  
[72] HOUGH, Harold, CA  
[71] HY-PLANT IRRIGATION SYSTEMS  
INC., CA  
[22] 1999-02-17  
[43] 1999-10-12

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[21] **2,262,849**  
[13] A1

[51] **Int.Cl. 6F04D 29/08 6F04B 53/00**  
**6F04C 27/00**  
[25] EN  
[54] **IMPROVED SEALING SYSTEM**  
**FOR ROTATING COMPONENT OF A**  
**PUMP**  
[54] **SYSTEME D'ETANCHEITE**  
**AMELIORE POUR L'ELEMENT**  
**ROTATIF D'UNE POMPE**  
[72] HRISTOV, Vejen, DE  
[72] ROHLFING, Gerhard, DE  
[72] BRANDT, Jens-Uwe, DE  
[71] JOH, HEINR. BORNEMANN GMBH,  
DE  
[22] 1999-02-23  
[43] 1999-10-11  
[30] EP (98106690.5) 1998-04-11

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[21] **2,263,059**  
[13] A1  
[51] **Int.Cl. 6C07K 14/605 6A61K 38/26**  
[25] FR  
[54] **NOUVEAUX COMPOSES PEPTIDIQUES ANALOGUES DU GLUCAGON-LIKE-PEPTIDE-1 (7-37), LEUR PROCEDE DE PREPARATION ET LES COMPOSTIONS PHARMACEUTIQUES QUI LES CONTIENNENT**  
[54] **NEW PEPTIDE COMPOUNDS ANALOGUE TO GLUCAGON-LIKE-PEPTIDE-1 (7-37), THEIR PREPARATION PROCESS AND THE PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**  
[72] CALAS, Bernard, FR  
[72] SARRAUSTE de MENTHIERE, Cyril, FR  
[72] MANECHEZ, Dominique, FR  
[72] GRASSY, Gérard, FR  
[72] PFEIFFER, Bruno, FR  
[72] RENARD, Pierre, FR  
[72] CHAVANIEU, Alain, FR  
[71] ADIR ET COMPAGNIE, FR  
[22] 1999-03-10  
[43] 1999-10-10  
[30] FR (98.04559) 1998-04-10

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[21] **2,264,248**  
[13] A1  
[51] **Int.Cl. 6G02B 6/38**  
[25] FR  
[54] **PROCEDE D'ASSEMBLAGE D'UN MODULE OPTIQUE**  
[54] **ASSEMBLY PROCEDURE FOR OPTICAL MODULE**  
[72] ARTIGUE, Claude, FR  
[72] MALLECOT, Franck, FR  
[72] TREGOAT, Denis, FR  
[72] AMBROSY, Anton, DE  
[71] ALCATEL, FR  
[22] 1999-03-22  
[43] 1999-10-16  
[30] FR (98 04 745) 1998-04-16

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[21] **2,264,338**  
[13] A1  
[51] **Int.Cl. 6H04B 10/105**  
[25] FR  
[54] **PROCEDE DE COMMUNICATION ENTRE STATIONS TERRESTRES A L'AIDE D'UNE CONSTELLATION DE SATELLITES**  
[54] **METHOD FOR COMMUNICATION BETWEEN EARTH STATIONS USING A SATELLITE CONSTELLATION**  
[72] DELAMOTTE, Luc, FR  
[72] LENORMAND, Régis, FR  
[72] VOISIN, Philippe, FR  
[72] CHRETIEN, Gérard, FR  
[72] ARGAGNON, Claude, FR  
[72] ROULLET, Laurent, FR  
[72] BOUIN, Jean, FR  
[71] ALCATEL, FR  
[22] 1999-03-25  
[43] 1999-10-16  
[30] FR (98 04 750) 1998-04-16

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[21] **2,264,341**  
[13] A1  
[51] **Int.Cl. 6A63F 7/02 6A63F 9/24**  
[25] EN  
[54] **PACHINKO STAND-ALONE AND BONUSING GAME**  
[54] **JEU PACHINKO AUTONOME OFFRANT DES BONIS**  
[72] VANCURA, Olaf, US  
[72] PIERCE, Jesse E., US  
[71] MIKOHN GAMING CORPORATION, US  
[22] 1999-03-26  
[43] 1999-10-14  
[30] US (60/081,724) 1998-04-14  
[30] US (09/098,804) 1998-06-17

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[21] **2,264,376**  
[13] A1  
[51] **Int.Cl. 6F26B 13/08 6F26B 13/18**  
[25] EN  
[54] **CONTINUOUS DRYING APPARATUS FOR POROUS WEB**  
[54] **APPAREIL DE SECHAGE CONTINU POUR BANDE DE TISSU POREUX**  
[72] HOSHI, Younosuke, JP  
[72] SANADA, Akira, JP  
[72] SUZUKI, Setsuo, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 1999-03-03  
[43] 1999-10-10  
[30] JP (HEI 10-099209) 1998-04-10

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[21] **2,264,451**  
[13] A1  
[51] **Int.Cl. 6B23D 19/04 6B23D 19/06**  
[25] EN  
[54] **DEVICE FOR CUTTING THICK BLOCKS OF METAL**  
[54] **APPAREIL POUR DECOUPER DES BLOCS DE METAL EPAIS**  
[72] BRENNAN, Patrick J., CA  
[71] BRENNAN, Patrick J., CA  
[22] 1999-03-02  
[43] 1999-10-10  
[30] US (09/058,181) 1998-04-10

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[21] **2,265,115**  
[13] A1  
[51] **Int.Cl. 6H04M 3/58 6H04M 1/57**  
[25] EN  
[54] **CALL RELATED INFORMATION RECEIVER UNIT**  
[54] **RECEPTEUR D'INFORMATION POUR LES APPELS**  
[72] JOHANSON, James A., US  
[72] POPA, James Charles, US  
[72] DAVIS, Paul Joseph, US  
[72] IYENGAR, Vasu, US  
[72] EHRICH, Glenn A., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-10  
[43] 1999-10-10  
[30] US (09/058,203) 1998-04-10

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[21] **2,265,246**  
[13] A1  
[51] **Int.Cl. 6H01R 43/01 6H01R 43/28**  
[25] EN  
[54] **DEVICE FOR EFFECTING INSULATION-DISPLACING CONNECTION OF ONE OR MORE WIRES AND FOR CUTTING THE SCRAP AT THEIR FREE END**  
[54] **DISPOSITIF POUR EFFECTUER UNE CONNEXION AUTODENUDANTE D'UN OU DE PLUSIEURS FILS ET POUR COUPER LES PETITS BOUTS LIBRES**  
[72] BONVALLAT, Pierre, FR  
[72] LETAILLEUR, Jean-Pierre, FR  
[71] POUYET S.A., FR  
[22] 1999-03-11  
[43] 1999-10-14  
[30] FR (98.04885) 1998-04-14

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[21] **2,265,293**  
[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04L 29/06 6H04Q 7/20 6H04Q 7/38**  
[25] EN  
[54] **IP MULTICAST OVER WIRELESS ATM IN AN IPSOFACTO NETWORK**  
[54] **DIFFUSION IP MULTIDESTINATAIRE PAR MTA SUR RESEAU IPSO FACTO**  
[72] ANSARI, Furquan, US  
[72] NARASIMHAN, Partha, US  
[72] ACHARYA, Arup, US  
[71] NEC CORPORATION, JP  
[22] 1999-03-11  
[43] 1999-10-14  
[30] US (60/081,628) 1998-04-14  
[30] US (09/154,507) 1998-09-16

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[21] **2,265,313**  
[13] A1

[51] **Int.Cl. 6H04J 3/16**  
[25] EN  
[54] **METHOD AND APPARATUS ENABLING MULTIPLE ACCESS ON A BROADBAND COMMUNICATION NETWORK**  
[54] **METHODE ET APPAREIL PERMETTANT L'ACCES MULTIPLE A UN RESEAU DE COMMUNICATION A LARGE BANDE**  
[72] EDMON, Eugene L., US  
[72] LI, Chia-Chang, US  
[72] SRIRAM, Kotikalapudi, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-15  
[43] 1999-10-15  
[30] US (09/060,684) 1998-04-15

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[21] **2,265,314**  
[13] A1

[51] **Int.Cl. 6H04M 3/56**  
[25] EN  
[54] **CONFERENCING WITH A CALLING PARTY**  
[54] **TELECONFERENCE AVEC UN APPELANT**  
[72] JOHANSON, James A., US  
[72] CANNON, Joseph M., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-15  
[43] 1999-10-15  
[30] US (09/060,373) 1998-04-15

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[21] **2,265,363**  
[13] A1

[51] **Int.Cl. 6C11D 3/48 6C11D 1/72 6C11D 1/825 6C11D 1/835**  
[25] EN  
[54] **AQUEOUS CLEANING AND DISINFECTING COMPOSITIONS HAVING REDUCED IRRITATION CHARACTERISTICS BASED ON QUATERNARY AMMONIUM COMPOUNDS INCLUDING BLOCK COPOLYMER SURFACTANTS AND FURTHER SURFACTANTS**  
[54] **COMPOSITIONS AQUEUSES DE NETTOYAGE ET DE STERILISATION AVEC CARACTERISTIQUES D'IRRITATION REDUITE BASE DE COMPOSES D'AMMONIUM AU QUATERNAIRE, Y COMPRIS DES SURFACTANTS DE COPOLYMERE SEQUENCE ET D'AUTRES SURFACTANTS**  
[72] SMIALOWICZ, Dennis Thomas, US  
[72] KLOEPPPEL, Andrew Arno, US  
[72] McCUE, Karen Ann, US  
[72] RYPKEMA, Ralph Edward, US  
[72] BURT, Diane Joyce, US  
[72] LOVE, Michael David, US  
[72] NANAVATI, Narendra Vrajlal, US  
[72] BOGART, Robert William, US  
[72] LU, Robert Zhong, US  
[71] RECKITT & COLMAN INC., US  
[22] 1999-03-16  
[43] 1999-10-14  
[30] GB (9807649.0) 1998-04-14

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[21] **2,265,364**  
[13] A1

[51] **Int.Cl. 6C11D 3/48 6C11D 1/72 6C11D 1/825 6C11D 1/835**  
[25] EN  
[54] **AQUEOUS CLEANING AND DISINFECTING COMPOSITIONS BASED ON QUATERNARY AMMONIUM COMPOUNDS INCLUDING ALKOXYLATED FATTY ACID AMINES HAVING REDUCED IRRITATION CHARACTERISTICS**  
[54] **COMPOSITIONS AQUEUSES DE NETTOYAGE ET DE STERILISATION BASE DE COMPOSES D'AMMONIUM AU QUATERNAIRE, Y COMPRIS DES AMINES D'ACIDE GRAS ALCOXYLES AVEC CARACTERISTIQUES D'IRRITATION REDUITE**  
[72] LU, Robert Zhong, US  
[72] TARASCHI, Frederic Albert, US  
[72] NANAVATI, Narendra Vrajlal, US  
[72] SMIALOWICZ, Dennis Thomas, US  
[72] RYPKEMA, Ralph Edward, US  
[72] LOVE, Michael David, US  
[72] McCUE, Karen Ann, US  
[72] KLOEPPPEL, Andrew Arno, US  
[72] BURT, Diane Joyce, US  
[72] BOGART, Robert William, US  
[71] RECKITT & COLEMAN INC., US  
[22] 1999-03-16  
[43] 1999-10-14  
[30] GB (9807650.8) 1998-04-14

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[21] **2,265,407**  
[13] A1  
[51] **Int.Cl. 6C11D 3/48 6C11D 1/72 6C11D 1/825**  
[25] EN  
[54] **AQUEOUS CLEANING AND DISINFECTING COMPOSITIONS WHICH INCLUDE QUATERNARY AMMONIUM COMPOUNDS, BLOCK COPOLYMER SURFACTANTS AND FURTHER MITIGATING COMPOUNDS WHICH COMPOSITIONS FEATURE REDUCED IRRITATION**  
[54] **COMPOSITIONS AQUEUSES DE NETTOYAGE ET DE STERILISATION QUI COMPRENENT DES COMPOSES D'AMMONIUM AU QUATERNAIRE, DES SURFACTANTS DE COPOLYMER SEQUENCE ET D'AUTRES COMPOSES ATTENUANTS A CARACTERISTIQUES D'IRRITATION REDUITE**  
[72] McCUE, Karen Ann, US  
[72] SMIALOWICZ, Dennis Thomas, US  
[72] RYPKEMA, Ralph Edward, US  
[72] KLOEPPPEL, Andrew Arno, US  
[72] LOVE, Michael David, US  
[72] BOGART, Robert William, US  
[72] BURT, Diane Joyce, US  
[72] NANAVATI, Narendra Vrajlal, US  
[72] TARASCHI, Frederic Albert, US  
[72] LU, Robert Zhong, US  
[71] RECKITT & COLMAN INC., US  
[22] 1999-03-16  
[43] 1999-10-14  
[30] GB (9807674.8) 1998-04-14

[21] **2,265,956**  
[13] A1  
[51] **Int.Cl. 6B60K 15/03**  
[25] EN  
[54] **INSTALLING A FILL LIMITING VENT VALVE IN A FUEL TANK**  
[54] **INSTALLATION D'UNE VALVE DE MISE A L'AIR LIBRE REGULATRICE DANS UN RESERVOIR DE CARBURANT**  
[72] BENJEY, Robert P., US  
[72] MILLS, Vaughn, US  
[72] BERGSMAN, Rudolph, US  
[72] SPINK, Kenneth M., US  
[71] EATON CORPORATION, US  
[22] 1999-04-01  
[43] 1999-10-15  
[30] US (09/061,076) 1998-04-15

[21] **2,265,982**  
[13] A1  
[51] **Int.Cl. 6C11D 3/48 6C11D 1/94**  
[25] EN  
[54] **AQUEOUS CLEANING AND DISINFECTING COMPOSITIONS BASED ON QUATERNARY AMMONIUM COMPOUNDS INCLUDING AMPHOACETATES HAVING REDUCED IRRITATION CHARACTERISTICS**  
[54] **COMPOSITIONS AQUEUSES DE NETTOYAGE ET DE STERILISATION BASE DE COMPOSES D'AMMONIUM AU QUATERNAIRE, Y COMPRIS DES AMPHOCETATES A CARACTERISTIQUES D'IRRITATION REDUITE**  
[72] SMIALOWICZ, Dennis Thomas, US  
[72] NANAVATI, Narendra Vrajlal, US  
[72] RYPKEMA, Ralph Edward, US  
[72] TARASCHI, Frederic Albert, US  
[72] BURT, Diane Joyce, US  
[72] LOVE, Michael David, US  
[72] BOGART, Robert William, US  
[72] McCUE, Karen Ann, US  
[72] KLOEPPPEL, Andrew Arno, US  
[72] LU, Robert Zhong, US  
[71] RECKITT & COLMAN INC., US  
[22] 1999-03-17  
[43] 1999-10-14  
[30] GB (9807652.4) 1998-04-14

[21] **2,266,113**  
[13] A1  
[51] **Int.Cl. 6A61F 2/66**  
[25] EN  
[54] **FOOT INSERT FOR AN ARTIFICIAL FOOT**  
[54] **MANCHON DE PROTHESE (PIED ARTIFICIEL)**  
[72] MOSLER, Lüder, DE  
[72] PUSCH, Martin, DE  
[71] OTTO BOCK ORTHOPÄDISCHE INDUSTRIE BESITZ-UND VERWALTUNGS-KOMMANDITGESELL, DE  
[22] 1999-03-17  
[43] 1999-10-11  
[30] EP (98106689.7) 1998-04-11

[21] **2,266,152**  
[13] A1  
[51] **Int.Cl. 6H01M 2/14**  
[25] EN  
[54] **TRILAYER BATTERY SEPARATOR**  
[54] **ISOLATEUR D'ACCUMULATEUR A TROIS COUCHES**  
[72] YU, Ta-Hua, US  
[71] CELGARD LLC, US  
[22] 1999-03-18  
[43] 1999-10-13  
[30] US (09/059,126) 1998-04-13

[21] **2,266,763**  
[13] A1  
[51] **Int.Cl. 6A61K 7/48**  
[25] FR  
[54] **UTILISATION D'AU MOINS UN HYDROXYSTILBENE DANS UNE COMPOSITION DESTINEE A FAVORISER LA DESQUAMATION DE LA PEAU, ET COMPOSITION LE COMPRENANT**  
[54] **USE OF AT LEAST ONE HYDROXYSTILBENE IN A COMPOSITION DESIGNED TO ENCOURAGE EXFOLIATION OF THE SKIN, AND COMPOSITION CONTAINING IT**  
[72] PINEAU, Nathalie, FR  
[72] BRETON, Lionel, FR  
[71] L'OREAL, FR  
[22] 1999-04-09  
[43] 1999-10-10  
[30] FR (98 04 569) 1998-04-10

[21] **2,266,767**  
[13] A1  
[51] **Int.Cl. 6H04B 7/08**  
[25] FR  
[54] **RECEPTEUR A DIVERSITE**  
[54] **DIVERSITY RECEIVER**  
[72] DELPRAT, Marc, FR  
[72] DARTOIS, Luc, FR  
[71] ALCATEL, FR  
[22] 1999-04-07  
[43] 1999-10-16  
[30] FR (98 04 751) 1998-04-16

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**10 octobre 1999 - 16 octobre 1999**

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[21] **2,266,792**  
[13] A1

[51] **Int.Cl. 6A61K 7/043 6A61K 7/021**  
[25] FR  
[54] **KIT DE MAQUILLAGE ASSOCIANT UN PIGMENT GONIOCHROMATIQUE ET UN PIGMENT MONOCOLORE AYANT UNE DES COULEURS DU PIGMENT GONIOCHROMATIQUE, SES UTILISATIONS**  
[54] **MAKEUP KIT COMBINING A GONIOCHROMATIC PIGMENT AND A ONE-COLOUR PIGMENT OF ONE OF THE COLOURS OF THE GONIOCHROMATIC PIGMENT, AND USES OF SAME**  
[72] SIMON, Jean-Christophe, FR  
[71] L'OREAL, FR  
[22] 1999-04-09  
[43] 1999-10-10  
[30] FR (98 04 581) 1998-04-10

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[21] **2,266,795**  
[13] A1

[51] **Int.Cl. 6A61K 7/13**  
[25] FR  
[54] **MAQUILLAGE PERLE DES FIBRES KERATINIQUES**  
[54] **BEADED MAKE-UP FOR KERATIN FIBRES**  
[72] AUGUSTE, Frédéric, FR  
[72] BARA, Isabelle, FR  
[71] L'OREAL, FR  
[22] 1999-04-09  
[43] 1999-10-15  
[30] FR (98 04 687) 1998-04-15

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[21] **2,266,796**  
[13] A1

[51] **Int.Cl. 6A61K 7/48 6A61K 7/40**  
[25] FR  
[54] **UTILISATION D'AU MOINS UN HYDROXYSTILBENE DANS UNE COMPOSITION RAFFERMISSANTE**  
[54] **USE OF AT LEAST ONE HYDROXYSTILBENE IN A SKIN-TONING COMPOSITION**  
[72] BRETON, Lionel, FR  
[72] LIVIERO, Christel, FR  
[72] FAGOT, Dominique, FR  
[71] L'OREAL, FR  
[22] 1999-04-09  
[43] 1999-10-10  
[30] FR (98 04 571) 1998-04-10

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[21] **2,266,798**  
[13] A1

[51] **Int.Cl. 6A61K 7/48 6A61K 7/32**  
[25] FR  
[54] **UTILISATION D'AU MOINS UN HYDROXYSTILBENE EN TANT QU'AGENT DIMINUANT L'ADHESION DES MICRO-ORGANISMES**  
[54] **USE OF AT LEAST ONE HYDROXYSTILBENE AS AN AGENT FOR REDUCING MICROORGANISM ADHERENCE TO SKIN**  
[72] BRETON, Lionel, FR  
[72] PINEAU, Nathalie, FR  
[71] L'OREAL, FR  
[22] 1999-04-09  
[43] 1999-10-10  
[30] FR (98 04 572) 1998-04-10

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[21] **2,266,807**  
[13] A1

[51] **Int.Cl. 6C12N 15/53 6A01H 5/00 6C12Q 1/02 6C12Q 1/26**  
[25] EN  
[54] **A METHOD FOR EVALUATING THE ABILITY OF A COMPOUND TO INHIBIT THE PROTOPORPHYRINOGEN OXIDASE ACTIVITY**  
[54] **METHODE POUR EVALUER LA CAPACITE D'UN COMPOSE INHIBER L'ACTIVITE D'OXYDASE PROTOPORPHYRINOGENIQUE**  
[72] SHIMOKAWATOKO, Yasutaka, JP  
[72] NISHIO, Shoichi, JP  
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP  
[22] 1999-04-09  
[43] 1999-10-10  
[30] JP (10-099619) 1998-04-10

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[21] **2,266,839**  
[13] A1

[51] **Int.Cl. 6A01K 15/02 6A01K 29/00 6A01N 55/04 6A01N 41/10 6A01N 31/16**  
[25] EN  
[54] **MASTICATION ARTICLES POSSESSING MICROBE-INHIBITING PROPERTIES**  
[54] **ARTICLES DE MASTICATION AYANT DES CARACTERISTIQUES ANTI-MICROBIENNES**  
[72] DENESUK, Matthew, US  
[72] UHLMANN, Eugenie V., US  
[71] SEEFAR TECHNOLOGIES, INC., US  
[22] 1999-04-09  
[43] 1999-10-14  
[30] US (09/250,072) 1999-02-12  
[30] US (09/241,591) 1999-02-02  
[30] US (09/059,956) 1998-04-14

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[21] **2,267,040**  
[13] A1

[51] **Int.Cl. 6E05C 19/08**  
[25] EN  
[54] **TAMPER RESISTANT HASP**  
[54] **MORAILLON INVIOLEABLE**  
[72] COOKE, Gerald, CA  
[71] COOKE, Gerald, CA  
[22] 1999-03-26  
[43] 1999-10-15  
[30] US (09/060,248) 1998-04-15

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[21] **2,267,122**  
[13] A1

[51] **Int.Cl. 6B05C 5/04 6B05C 11/00**  
[25] EN  
[54] **HOT MELT ADHESIVE DISPENSING SYSTEM WITH LAMINATED AIR HEATER**  
[54] **SYSTEME DE DISTRIBUTION DE COLLE A CHAUD AVEC RECHAUFFEUR D'AIR STRATIFIE**  
[72] KWOK, Kui-Chiu, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-03-29  
[43] 1999-10-15  
[30] US (09/060,580) 1998-04-15

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[21] **2,267,137**  
[13] A1

[51] **Int.Cl. 6B32B 31/12**  
[25] EN  
[54] **ELASTIC STRAND COATING PROCESS**  
[54] **PROCESSUS DE REVETEMENT D'UN BRIN ELASTIQUE**  
[72] KWOK, Kui-Chiu, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-03-29  
[43] 1999-10-15  
[30] US (09/060,581) 1998-04-15

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[21] **2,267,404**  
[13] A1  
[51] **Int.Cl. 6A47F 3/00 6A47B 81/00 6A47G 33/00**  
[25] EN  
[54] **ENCLOSED DISPLAY DEVICE FOR MOUNTING ON THE GROUND OR AN OBJECT**  
[54] **DISPOSITIF DE PRESENTATION FERME POUVANT ETRE FIXE SUR UN OBJET OU MIS EN POSITION SUR LE SOL**  
[72] TONTODONATI, Walter V., CA  
[71] MEMORIAL DOME INC., CA  
[22] 1999-03-30  
[43] 1999-10-14  
[30] CA (2,228,824) 1998-04-14

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[21] **2,267,543**  
[13] A1  
[51] **Int.Cl. 6A61K 31/70**  
[25] EN  
[54] **USE OF SULODEXIDE AND OF THE MEDICINES CONTAINING IT IN THE TREATMENT OF THE DIABETIC RETINOPATHY**  
[54] **UTILISATION DE SULODEXIDE ET DES MEDICAMENTS QUI EN CONTIENNENT DANS LE TRAITEMENT DE LA RETINOPATHIE DIABETIQUE**  
[72] PALAZZINI, Ernesto, IT  
[72] RUBBI, Flavia, IT  
[71] ALFA WASSERMANN S.P.A., IT  
[22] 1999-03-30  
[43] 1999-10-15  
[30] IT (BO98A000239) 1998-04-15

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[21] **2,267,546**  
[13] A1  
[51] **Int.Cl. 6B25H 3/02**  
[25] EN  
[54] **TOOL CASES WITH PIVOTABLE HOLDERS**  
[54] **BOITES A OUTILS AVEC SUPPORTS PIVOTANTS**  
[72] WEI, Yong L., TW  
[72] VASUDEVA, Kailash C., CA  
[71] MAXTECH MANUFACTURING INC., CA  
[22] 1999-03-30  
[43] 1999-10-10  
[30] US (09/058,454) 1998-04-10  
[30] US (09/129,768) 1998-08-06

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[21] **2,267,558**  
[13] A1  
[51] **Int.Cl. 6G01J 3/02 6G01J 3/42**  
[25] EN  
[54] **FOURIER-TRANSFORM SPECTROMETER CONFIGURATION OPTIMIZED FOR SELF EMISSION SUPPRESSION AND SIMPLIFIED RADIOMETRIC CALIBRATION**  
[54] **CONFIGURATION D'UN SPECTROMETRE PAR TRANSFORMATION DE FOURIER OPTIMISEE POUR SUPPRESSION AUTOMATIQUE ET ETALONNAGE RADIOMETRIQUE SIMPLIFIE**  
[72] THÉRIAULT, Jean-Marc, CA  
[71] THE MINISTER OF NATIONAL DEFENCE, CA  
[22] 1999-03-22  
[43] 1999-10-10  
[30] US (60/081,386) 1998-04-10

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[21] **2,267,586**  
[13] A1  
[51] **Int.Cl. 6G01N 25/72 6G01N 25/20 6G01N 21/88**  
[25] EN  
[54] **DETECTION OF NEAR SURFACE DEFECTS BY REVERSED THERMOGRAPHY**  
[54] **DETECTION DE DEFAUTS AU VOISINAGE DE LA SURFACE PAR THERMOGRAPHIE INVERSEE**  
[72] POULIOT, Luc, CA  
[72] NADEAU, François, CA  
[72] BLAIN, Jacques, CA  
[71] TECNAR AUTOMATION LTÉE, CA  
[22] 1999-04-13  
[43] 1999-10-16  
[30] CA (2,231,524) 1998-04-16

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[21] **2,267,604**  
[13] A1  
[51] **Int.Cl. 6B63C 13/00**  
[25] EN  
[54] **WATERCRAFT CARRIER FOR LAND TRANSIT**  
[54] **APPAREIL POUR LE DEPLACEMENT TERRESTRE D'UN VEHICULE MARIN**  
[72] DeLUCIA, Paul, US  
[71] DeLUCIA, Paul, US  
[22] 1999-04-14  
[43] 1999-10-16  
[30] US (09/061,456) 1998-04-16

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[21] **2,267,629**  
[13] A1  
[51] **Int.Cl. 6C08G 18/65 6C08G 18/08 6C08G 18/32**  
[25] EN  
[54] **PREPARATION OF THERMOPLASTIC POLYURETHANES**  
[54] **PREPARATION DE POLYURETHANNES THERMOPLASTIQUES**  
[72] SERVAY, Thomas, DE  
[72] LEBERFINGER, Marcus, DE  
[72] NITSCHKE, Dieter, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[22] 1999-04-14  
[43] 1999-10-15  
[30] DE (198 16 525.0) 1998-04-15

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[21] **2,267,745**  
[13] A1  
[51] **Int.Cl. 6F15B 13/042 6F16K 11/10 6F16K 31/12**  
[25] EN  
[54] **BALL-POPPET PNEUMATIC CONTROL VALVE**  
[54] **VANNE DE REGLAGE A CLAPET PNEUMATIQUE**  
[72] WEILER, Charles A., Jr., US  
[72] STORRS, Paul G., US  
[71] ROSS OPERATING VALVE COMPANY D/B/A/ ROSS CONTROLS, US  
[22] 1999-04-01  
[43] 1999-10-14  
[30] US (059,954) 1998-04-14

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[21] **2,267,873**  
[13] A1  
[51] **Int.Cl. 6G01B 11/06**  
[25] EN  
[54] **MEASURING SIDEWALL THICKNESS OF GLASS CONTAINERS**  
[54] **MESURE DE L'ÉPAISSEUR DES PAROIS D'UN CONTENANT EN VERRE**  
[72] MYERS, Ronald T., US  
[72] GRAHAM, Paul W.L., US  
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US  
[22] 1999-03-31  
[43] 1999-10-10  
[30] US (09/058,180) 1998-04-10

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**10 octobre 1999 - 16 octobre 1999**

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[21] **2,267,877**  
[13] A1

[51] **Int.Cl. 6A45C 1/06 6E05B 47/00 6E05B 65/00 6A45C 13/18 6H04N 7/18**  
[25] EN  
[54] **MEANS AND APPARATUS FOR COLLEGIAL IDENTIFICATION OF PERSONS SUCH AS OFFICIALS ASKING FOR IDENTIFICATION**  
[54] **MOYEN ET APPAREIL D'IDENTIFICATION COLLEGEIALE DE PERSONNES COMME DES REPRESENTANTS OFFICIELS EXIGEANT UNE PIECE D'IDENTITE**  
[72] MANN, Steve, CA  
[71] MANN, Steve, CA  
[22] 1999-04-01  
[43] 1999-10-14  
[30] CA (2,235,030) 1998-04-14  
[30] CA (2,247,649) 1998-10-13  
[30] CA (2,248,473) 1998-10-29

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[21] **2,267,989**  
[13] A1

[51] **Int.Cl. 6B66F 9/22**  
[25] EN  
[54] **LIFT CYLINDER AND MAST ASSEMBLY OF FORKLIFT**  
[54] **ASSEMBLAGE D'UN VERIN DE LEVAGE ET D'UN MAT DE CHARIOT ELEVATEUR A FOURCHES**  
[72] NAGAI, Katsumi, JP  
[72] OGAWA, Takaki, JP  
[72] NARUSE, Yasuhiko, JP  
[71] KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, JP  
[22] 1999-04-07  
[43] 1999-10-10  
[30] JP (10-098999) 1998-04-10

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[21] **2,268,201**  
[13] A1

[51] **Int.Cl. 6B60R 25/00 6G06K 7/08**  
[25] EN  
[54] **OPERATOR'S LICENSE VALIDATION SYSTEM**  
[54] **SYSTEME DE VALIDATION DE PERMIS DE CONDUCTEUR**  
[72] RHODE, Edward W., III, US  
[71] RHODE, Edward W., III, US  
[22] 1999-04-07  
[43] 1999-10-16  
[30] US (061,429) 1998-04-16

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[21] **2,268,211**  
[13] A1

[51] **Int.Cl. 6A61K 31/38 6A61K 31/135 6A61K 31/42 6A61K 31/56**  
[25] EN  
[54] **CONTROL OF SELECTIVE ESTROGEN RECEPTOR MODULATORS**  
[54] **CONTROLE DES MODULATEURS RECEPTEURS D'OESTROGENES SELECTIFS**  
[72] HODGEN, Gary D., US  
[71] MEDICAL COLLEGE OF HAMPTON ROADS, US  
[22] 1999-04-01  
[43] 1999-10-13  
[30] US (09/059,476) 1998-04-13

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[21] **2,268,229**  
[13] A1

[51] **Int.Cl. 6B05C 17/10 6B05C 1/06**  
[25] EN  
[54] **APPLICATOR PAD WITH HANDLE**  
[54] **TAMPON D'APPLICATION AVEC POIGNEE**  
[72] ZYGMONT, Joseph Frank, US  
[71] UNILEVER PLC, GB  
[22] 1999-04-06  
[43] 1999-10-13  
[30] US (09/059506) 1998-04-13

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[21] **2,268,299**  
[13] A1

[51] **Int.Cl. 6B44C 1/22**  
[25] FR  
[54] **DISPOSITIF DE MARQUAGE**  
[54] **MARKING DEVICE**  
[72] CURRENO, Marie Christine, FR  
[71] CURRENO, Marie Christine, FR  
[22] 1999-03-31  
[43] 1999-10-10  
[30] FR (98 04875) 1998-04-10  
[30] FR (98 06863) 1998-05-27

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[21] **2,268,315**  
[13] A1

[51] **Int.Cl. 6F02M 31/135**  
[25] EN  
[54] **MODULAR AIR INTAKE HEATER**  
[54] **APPAREIL DE CHAUFFAGE MODULAIRE DE MANCHE D'ENTREE D'AIR**  
[72] ANDERSON, Chadwick P., US  
[72] THIMMESCH, Jan P., US  
[71] PHILLIPS & TEMRO INDUSTRIES INC., US  
[22] 1999-04-07  
[43] 1999-10-15  
[30] US (09/060808) 1998-04-15

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[21] **2,268,357**  
[13] A1

[51] **Int.Cl. 6G02F 1/133 6G09G 3/00**  
[25] EN  
[54] **HIGH-SPEED DRIVING METHOD OF A LIQUID CRYSTAL**  
[54] **METHODE DE DEPLACEMENT A HAUTE VITESSE D'UN CRISTAL LIQUIDE**  
[72] OKITA, Masaya, JP  
[71] OKITA, Masaya, JP  
[22] 1999-04-08  
[43] 1999-10-10  
[30] JP (10-116057) 1998-04-10

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[21] **2,268,421**  
[13] A1

[51] **Int.Cl. 6H03F 21/00**  
[25] EN  
[54] **AUDIO DIRECT FROM POWER SUPPLY**  
[54] **SON PROVENANT DIRECTEMENT D'UN DISPOSITIF D'ALIMENTATION EN ELECTRICITE**  
[72] RODRIGUEZ, Manual D., US  
[71] HARMAN INTERNATIONAL INDUSTRIES, INCORPORATED, US  
[22] 1999-04-09  
[43] 1999-10-14  
[30] US (09/060,153) 1998-04-14

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[21] 2,268,423  
[13] A1

[51] Int.Cl. 6H01M 2/14 6H01M 2/16  
6H01M 2/18  
[25] EN  
[54] SEPARATOR FOR POLYMER  
ELECTROLYTE FUEL CELL AND  
PROCESS FOR PRODUCTION  
THEREOF  
[54] SEPARATEUR POUR PILE A  
COMBUSTIBLE A ELECTROLYTE  
POLYMERIQUE ET PROCESSUS DE  
FABRICATION DE CELUI-CI  
[72] SAITO, Kazuo, JP  
[72] TANNO, Fumio, JP  
[72] HAGIWARA, Atsushi, JP  
[71] NISSHINBO INDUSTRIES, INC., JP  
[22] 1999-04-09  
[43] 1999-10-10  
[30] JP (10-99017) 1998-04-10

[21] 2,268,424  
[13] A1

[51] Int.Cl. 6H04B 1/04 6H04B 7/005  
6H04Q 7/38  
[25] EN  
[54] METHOD AND APPARATUS FOR  
ALLOCATION OF A TRANSMISSION  
FREQUENCY WITHIN A GIVEN  
SPECTRUM  
[54] METHODE ET APPAREIL  
D'ATTRIBUTION D'UNE FREQUENCE  
DE TRANSMISSION A L'INTERIEUR  
D'UNE COURBE SPECTRALE DONNEE  
[72] LUCIDARME, Thierry, FR  
[72] VINCENT, Paul, FR  
[71] NORTEL MATRA CELLULAR, FR  
[22] 1999-04-09  
[43] 1999-10-10  
[30] EP (98400894.6) 1998-04-10

[21] 2,268,425  
[13] A1

[51] Int.Cl. 6G02B 5/18 6G02B 5/26  
[25] EN  
[54] FIBRE BRAGG GRATING WITH  
OFFSET EQUIVALENT MIRROR  
PLANE AND METHOD FOR ITS  
MANUFACTURE  
[54] RESEAU DE BRAGG D'UNE FIBRE  
OPTIQUE AVEC PLAN MIROIR A  
EQUIVALENCE DE DECALAGE ET  
METHODE DE FABRICATION DE  
CELUI-CI  
[72] ROSSOTTO, Oriana, IT  
[72] GNAZZO, Angelantonio, IT  
[72] TALLONE, Luigi, IT  
[72] BOSCHIS, Laura, IT  
[71] CSELT - CENTRO STUDI E  
LABORATORI TELECOMUNICAZIONI  
S.P.A., IT  
[22] 1999-04-09  
[43] 1999-10-10  
[30] IT (TO 98 A 000305) 1998-04-10

[21] 2,268,428  
[13] A1

[51] Int.Cl. 6H01S 3/1055  
[25] EN  
[54] LASER MODULE WITH  
EXTERNAL CAVITY AND OPTICAL  
FIBRE REFLECTOR  
[54] MODULE LASER A CAVITE  
EXTERNE ET REFLECTEUR A FIBRE  
OPTIQUE  
[72] MELIGA, Marina, IT  
[72] SCOFET, Marco, IT  
[72] PAOLETTI, Roberto, IT  
[72] TALLONE, Luigi, IT  
[71] CSELT - CENTRO STUDI E  
LABORATORI TELECOMUNICAZIONI  
S.P.A., IT  
[22] 1999-04-09  
[43] 1999-10-10  
[30] IT (TO 98 A 000306) 1998-04-10

[21] 2,268,432  
[13] A1

[51] Int.Cl. 6C08G 18/80 6C09D 175/12  
6C09J 175/12 6C08G 18/32  
[25] EN  
[54] REACTIVE COMPOSITIONS  
CONTAINING BLOCKED  
POLYISOCYANATES AND AMINE-  
FUNCTIONAL RESINS  
[54] COMPOSITIONS REACTIVES  
CONTENANT DES  
POLYISOCYANATES ET DES RESINES  
A FONCTION AMINE  
[72] SCHMALSTIEG, Lutz, DE  
[72] SCHWINDT, Jürgen, DE  
[72] SCHWINDT, Volker, DE  
[72] HASSEL, Tillmann, DE  
[72] RUTTMANN, Gerhard, DE  
[71] BAYER AKTIENGESELLSCHAFT,  
DE  
[22] 1999-04-09  
[43] 1999-10-15  
[30] DE (19816570.6) 1998-04-15

[21] 2,268,469  
[13] A1

[51] Int.Cl. 6B01J 19/12 6B01D 53/86  
[25] EN  
[54] APPARATUS AND METHOD FOR  
PHOTOCATALYTIC AND  
THERMOCATALYTIC POLLUTION  
CONTROL  
[54] APPAREIL ET METHODE POUR  
CONTROLLER LA POLLUTION  
PHOTOCATALYTIQUE ET  
THERMOCATALYTIQUE  
[72] TABATABAIE-RAISSI, Ali, US  
[72] MURADOV, Nazim Z., US  
[72] MARTIN, Eric D., US  
[71] UNIVERSITY OF CENTRAL  
FLORIDA, US  
[22] 1999-04-08  
[43] 1999-10-10  
[30] US (60/081,324) 1998-04-10  
[30] US (60/107,236) 1998-11-15

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**10 octobre 1999 - 16 octobre 1999**

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[21] **2,268,484**  
[13] A1

[51] **Int.Cl. 6C07C 311/29 6C07D 291/02 6A61K 38/04 6C07D 273/08 6A61K 31/195 6A61K 31/215 6A61K 31/40 6A61K 31/415 6A61K 31/44**

[25] EN  
[54] **CYCLOBUTYL-ARYLOXYARYLSULFONYLAMINO HYDROXAMIC ACID DERIVATIVES**  
[54] **DERIVES D'ACIDE HYDROXAMIQUE ARYLOXYARYLSULFONYLAMINO DE CYCLOBUTYLE**

[72] REITER, Lawrence Alan, US  
[71] PFIZER PRODUCTS INC., US  
[22] 1999-04-08  
[43] 1999-10-10  
[30] US (60/081,392) 1998-04-10

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[21] **2,268,492**  
[13] A1

[51] **Int.Cl. 6G02B 1/00 6G02B 5/20**

[25] EN  
[54] **OPTICAL COMPONENT, ZINC SULFIDE SINTERED COMPACT, AND FABRICATING METHOD THEREOF**  
[54] **COMPOSANT OPTIQUE CONSISTANT EN UNE PASTILLE FRITTEE DE SULFURE DE ZINC ET METHODE DE FABRICATION DE CELUI-CI**

[72] SHIBATA, Kenichiro, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 1999-04-09  
[43] 1999-10-14  
[30] JP (10-102313) 1998-04-14

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[21] **2,268,547**  
[13] A1

[51] **Int.Cl. 6B41J 2/175 6B41J 13/12 6B41J 13/26**

[25] EN  
[54] **MAILING MACHINE INCLUDING AN INK JET PRINTER HAVING BACK PRESSURE REGULATION**  
[54] **MACHINE DE TRAITEMENT DU COURRIER COMPRENANT UNE IMPRIMANTE A JET D'ENCRE AVEC REGULATION DE LA CONTRE-PRESSION**

[72] HAIGO, Hideaki, JP  
[71] PITNEY BOWES INC., US  
[22] 1999-04-12  
[43] 1999-10-13  
[30] US (09/059,175) 1998-04-13

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[21] **2,268,487**  
[13] A1

[51] **Int.Cl. 6G06F 7/60 6G11B 23/00 6H04L 12/04 6G07G 1/14**

[25] EN  
[54] **COMPUTER SYSTEM FOR ELECTRONIC SHOPPING MALL, ELECTRONIC SHOPPING MALL CONTROL METHOD, CONTROL PROGRAM AND MEDIUM**  
[54] **SYSTEME INFORMATISE POUR CENTRE COMMERCIAL ELECTRONIQUE, METHODE DE CONTROLE DUDIT CENTRE COMMERCIAL, PROGRAMME ET MOYENS DE CONTROLE**

[72] HONDA, Yoshinori, JP  
[72] KOIKE, Hiroshi, JP  
[72] TAKEUCHI, Satoshi, JP  
[72] MATOIKE, Akira, JP  
[71] HITACHI, LTD., JP  
[22] 1999-04-08  
[43] 1999-10-13  
[30] JP (10-101112) 1998-04-13

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[21] **2,268,494**  
[13] A1

[51] **Int.Cl. 6G02B 27/02 6G02B 15/00 6G03B 17/00 6G03B 13/32**

[25] EN  
[54] **IMAGE FORMING APPARATUS WITH INTERMEDIATE IMAGE SURFACE**  
[54] **DISPOSITIF DE CREATION D'IMAGES EMPLOYANT UNE SURFACE D'IMAGERIE INTERMEDIAIRE**

[72] POLLITT, Kenneth R., GB  
[72] LANGLEY, Kath, GB  
[71] ABAKUS SCIENTIFIC LIMITED, GB  
[22] 1999-04-09  
[43] 1999-10-16  
[30] GB (9808073.2) 1998-04-16

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[21] **2,268,558**  
[13] A1

[51] **Int.Cl. 6G07C 1/10 6G07B 17/02 6G06F 17/60**

[25] EN  
[54] **ELECTRONIC AUTOMATED COURT DOCUMENT FILING SYSTEM**  
[54] **SYSTEME ELECTRONIQUE AUTOMATISE DE CLASSEMENT DES DOCUMENTS JUDICIAIRES**

[72] DOEBERL, Terrence M., US  
[72] REICHMAN, Ronald, US  
[72] SANSONE, Ronald P., US  
[72] MAHONEY, Patrick D., US  
[71] PITNEY BOWES INC., US  
[22] 1999-04-09  
[43] 1999-10-10  
[30] US (058,025) 1998-04-10

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[21] **2,268,539**  
[13] A1

[51] **Int.Cl. 6C12P 17/12**

[25] EN  
[54] **ENZYMATIC PRODUCTION OF VITAMIN B6**  
[54] **PRODUCTION ENZYMATIQUE DE VITAMINE B6**

[72] TAZOE, Masaaki, JP  
[72] HOSHINO, Tatsuo, JP  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 1999-04-12  
[43] 1999-10-15  
[30] EP (98106812.5) 1998-04-15

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[21] **2,268,559**  
[13] A1

[51] **Int.Cl. 6G07C 1/10 6G07B 17/02 6G06F 17/60**

[25] EN  
[54] **AUTOMATED COURT DOCUMENT FILING SYSTEM**  
[54] **SYSTEME AUTOMATISE DE CLASSEMENT DES DOCUMENTS JUDICIAIRES**

[72] DOEBERL, Terrence M., US  
[72] MAHONEY, Patrick D., US  
[72] REICHMAN, Ronald, US  
[72] SANSONE, Ronald P., US  
[71] PITNEY BOWES INC., US  
[22] 1999-04-09  
[43] 1999-10-10  
[30] US (058,026) 1998-04-10

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[21] **2,268,560**  
[13] A1  
[51] **Int.Cl. 6H01M 2/18**  
[25] EN  
[54] **BATTERY WITH ENCAPSULATED ELECTRODE PLATES**  
[54] **BATTERIE A ELECTRODES PLANES ENCAPSULES**  
[72] MARTIN, Phillip Charles, US  
[71] JOHNS MANVILLE INTERNATIONAL, INC., US  
[22] 1999-04-09  
[43] 1999-10-10  
[30] US (058,653) 1998-04-10

[21] **2,268,563**  
[13] A1  
[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **ATM TRANSMISSION EQUIPMENT**  
[54] **APPAREIL DE TRANSMISSION MTA**  
[72] SUZUKI, Muneyuki, JP  
[72] SEKI, Yutaka, JP  
[72] TSUJI, Kiyotaka, JP  
[72] YOSHIKAWA, Hidetaka, JP  
[72] NAKAGAWA, Atsushi, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 1999-04-09  
[43] 1999-10-10  
[30] JP (99,366/1998) 1998-04-10  
[30] JP (110,778/1998) 1998-04-21  
[30] JP (115,804/1998) 1998-04-24  
[30] JP (187,699/1998) 1998-07-02

[21] **2,268,566**  
[13] A1  
[51] **Int.Cl. 6H02J 3/18 6H02J 3/22**  
[25] EN  
[54] **AC TRANSMISSION SYSTEM**  
[54] **SYSTEME DE TRANSMISSION A COURANT ALTERNATIF**  
[72] UCHINO, Hiroshi, JP  
[72] YAMAMOTO, Hajime, JP  
[72] TANAKA, Shigeru, JP  
[72] SHIGETA, Masaaki, JP  
[72] MONDEN, Yukitaka, JP  
[72] MIZUTANI, Mami, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 1999-04-09  
[43] 1999-10-10  
[30] JP (P10-114388) 1998-04-10  
[30] JP (P10-124369) 1998-05-07

[21] **2,268,567**  
[13] A1  
[51] **Int.Cl. 6A61K 31/20 6A23L 1/29**  
[25] EN  
[54] **USE OF CONJUGATED LINOLEIC ACID**  
[54] **UTILISATION D'ACIDE LINOLEIQUE CONJUGUE**  
[72] VANDERHOEK, Jack Y., US  
[71] THE GEORGE WASHINGTON UNIVERSITY, US  
[22] 1999-04-09  
[43] 1999-10-10  
[30] US (09/058,200) 1998-04-10

[21] **2,268,569**  
[13] A1  
[51] **Int.Cl. 6C10L 1/18 6C10L 1/22**  
[25] EN  
[54] **COMPOSITIONS CONTAINING POLYALKENE-SUBSTITUTED AMINE AND POLYETHER ALCOHOL**  
[54] **COMPOSITION COMPRENANT UNE AMINE POLYALKENE SUBSTITUEE ET DE L'ALCOOL DE POLYETHER**  
[72] JACKSON, Mitchell M., US  
[71] THE LUBRIZOL CORPORATION, US  
[22] 1999-04-09  
[43] 1999-10-14  
[30] US (09/059,945) 1998-04-14

[21] **2,268,578**  
[13] A1  
[51] **Int.Cl. 6A21C 3/04 6A21C 11/16**  
[25] EN  
[54] **METHOD AND DEVICE FOR THE PRODUCTION OF PASTE PRODUCTS**  
[54] **METHODE ET DISPOSITIF POUR L'OBTENTION DE PRODUITS EN PATE**  
[72] LIHOTZKY-VAUPEL, Wolfram, DE  
[71] LIHOTZKY-VAUPEL, Wolfram, DE  
[22] 1999-04-12  
[43] 1999-10-16  
[30] EP (98 106 904.0) 1998-04-16

[21] **2,268,580**  
[13] A1  
[51] **Int.Cl. 6B07C 5/344 6G01N 24/10 6G01R 33/60**  
[25] EN  
[54] **SORTING OF DIAMONDS**  
[54] **TRI DE DIAMANTS**  
[72] VAN WYK, Jan Abraham, ZA  
[72] TAPPER, Ulf Anders Staffan, ZA  
[72] HIGH, Grant Lysle, ZA  
[72] HOFER, Peter, DE  
[72] OVER, George William, ZA  
[71] DE BEERS CONSOLIDATED MINES LIMITED, ZA  
[22] 1999-04-12  
[43] 1999-10-14  
[30] ZA (98/3100) 1998-04-14

[21] **2,268,586**  
[13] A1  
[51] **Int.Cl. 6C07K 5/062 6C07K 1/02 6C07C 231/12 6C07C 233/47**  
[25] EN  
[54] **PROCESS FOR PRODUCING N-GLYCYLTYROSINE AND ITS CRYSTAL STRUCTURE**  
[54] **PROCEDE DE FABRICATION DE N-GLYCYLTYROSINE ET DE SA STRUCTURE CRISTALLINE**  
[72] IMAI, Eiichiro, JP  
[72] MIMURA, Takashi, JP  
[72] KASAI, Masaji, JP  
[72] OGASA, Takehiro, JP  
[72] IMAI, Takahiro, JP  
[71] KYOWA HAKKO KOGYO CO., LTD., JP  
[22] 1999-04-12  
[43] 1999-10-14  
[30] JP (103100/98) 1998-04-14

[21] **2,268,607**  
[13] A1  
[51] **Int.Cl. 6B63H 21/38**  
[25] EN  
[54] **OUTBOARD MARINE HEAT EXCHANGER**  
[54] **ECHANGEUR THERMIQUE MARIN POUR HORS-BORD**  
[72] FERNSTRUM, Todd S., US  
[71] R.W. FERNSTRUM & COMPANY, US  
[22] 1999-04-12  
[43] 1999-10-14  
[30] US (09/059,376) 1998-04-14

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[21] **2,268,616**  
[13] A1

[51] **Int.Cl. 6G01T 1/29 6G21K 4/00 6H04N 5/321**  
[25] EN  
[54] **SCANNING AND DETECTION MEANS**  
[54] **METHODES DE DETECTION ET DE BALAYAGE**  
[72] MENCI, Romano, IT  
[72] MENCI, Pier Giovanni, IT  
[72] DI TOMASSI, Mauro, IT  
[72] CAPRIOLI, Pier Luigi, IT  
[71] EUROPA TRADING S.R.L., IT  
[22] 1999-04-13  
[43] 1999-10-15  
[30] EP (98 106 782.0) 1998-04-15

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[21] **2,268,621**  
[13] A1

[51] **Int.Cl. 6C07D 241/08 6A61K 31/495**  
[25] EN  
[54] **2-PIPIRAZINONE-1-ACETIC ACID DERIVATIVE, PRODUCTION AND USE THEREOF**  
[54] **DERIVE D'ACIDE 2-PIPIRAZINONE-1-ACETIQUE, PRODUCTION ET UTILISATION DE CELUI-CI**  
[72] MITSUDERA, Hiroyuki, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[22] 1999-04-12  
[43] 1999-10-13  
[30] JP (101422/1998) 1998-04-13

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[21] **2,268,640**  
[13] A1

[51] **Int.Cl. 6A61K 38/12 6A61K 31/44 6A61K 31/50**  
[25] EN  
[54] **COMPOSITION FOR PREVENTING OR TREATING ISCHEMIC DISEASE**  
[54] **COMPOSITION POUR LA PREVENTION OU LE TRAITEMENT DE MALADIES ISCHEMIQUES**  
[72] WAKIMASU, Mitsuhiko, JP  
[72] WATANABE, Toshifumi, JP  
[72] SHIRAISHI, Mitsuru, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[22] 1999-04-13  
[43] 1999-10-14  
[30] JP (103141/1998) 1998-04-14

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[21] **2,268,646**  
[13] A1

[51] **Int.Cl. 6H04M 11/06**  
[25] EN  
[54] **LOW-PASS FILTERS FOR SPLITTERLESS POTS AND DATA TRANSMISSION**  
[54] **FILTRES PASSE-BAS POUR LE SERVICE TELEPHONIQUE TRADITIONNEL ET LA TRANSMISSION DE DONNEES SANS REPARTITION**  
[72] BEEMAN, Robert H., US  
[71] SIEMENS INFORMATION AND COMMUNICATION NETWORKS, INC., US  
[22] 1999-04-12  
[43] 1999-10-14  
[30] US (60/081,660) 1998-04-14  
[30] US (09/107,313) 1998-06-30

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[21] **2,268,647**  
[13] A1

[51] **Int.Cl. 6G05B 19/414**  
[25] EN  
[54] **SUBBASE PROGRAMMABLE CONTROL SYSTEM**  
[54] **SYSTEME DE COMMANDE PROGRAMMABLE D'UNE BASE INFERIEURE**  
[72] PETERSON, Mark W., US  
[71] HONEYWELL INC., US  
[22] 1999-04-13  
[43] 1999-10-14  
[30] US (09/059,914) 1998-04-14

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[21] **2,268,676**  
[13] A1

[51] **Int.Cl. 6C09D 201/00 6C09D 109/00 6C09D 133/06 6E01F 9/087**  
[25] EN  
[54] **METHOD OF PRODUCING WEAR-RESISTANT TRAFFIC MARKING AND TRAFFIC PAINT USED THEREIN**  
[54] **METHODE POUR L'OBTENTION DE LIGNES DE CIRCULATION RESISTANTES A L'USURE ET PEINTURE DE SIGNALISATION ROUTIERE EMPLOYEE DANS CETTE METHODE**  
[72] HERMES, Ann Robertson, US  
[72] BROWN, Ward Thomas, US  
[71] ROHM AND HAAS COMPANY, US  
[22] 1999-04-08  
[43] 1999-10-16  
[30] US (60/081,938) 1998-04-16

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[21] **2,268,677**  
[13] A1

[51] **Int.Cl. 6F24C 15/10 6C03B 29/02 6C03B 23/023**  
[25] EN  
[54] **MANUFACTURE OF GLASS-CERAMIC PLATES HAVING OPENING(S) OF BENT PERIMETER, BENT GLASS-CERAMIC PLATES**  
[54] **FABRICATION D'ASSIETTES VITROCERAMIQUES AYANT AU MOINS UNE OUVERTURE DE PERIMETRE ONDULE; ASSIETTES VITROCERAMIQUES A BORD ONDULE**  
[72] VIRON, Jean-Louis, FR  
[72] VILATO, Pablo, FR  
[72] FREDHOLM, Allan M., FR  
[72] GRASSI, Michel, FR  
[72] GILLE, Claude, FR  
[71] EUROKERA, FR  
[22] 1999-04-08  
[43] 1999-10-16  
[30] FR (9804722) 1998-04-16

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[21] **2,268,679**  
[13] A1

[51] **Int.Cl. 6C07C 309/87 6C07C 303/22 6C07C 309/42 6C07C 309/75**  
[25] EN  
[54] **PROCESS FOR PREPARING PHENOXYPHENYLSULFONYL HALIDES**  
[54] **PROCESSUS DE FABRICATION D'HALIDES PHENOXYPHENYLSULFONYLES**  
[72] HAWKINS, Joel Michael, US  
[71] PFIZER PRODUCTS INC., US  
[22] 1999-04-08  
[43] 1999-10-10  
[30] US (60/081,393) 1998-04-10

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[21] **2,268,680**  
[13] A1

[51] **Int.Cl. 6C07C 311/29 6C07D 493/08 6C07D 405/12 6C07D 407/12 6C07D 409/12 6C07D 309/14 6C07D 333/34 6C07C 303/40 6C07D 307/64 6C07D 213/71**  
[25] EN  
[54] **PROCESS FOR PREPARING HYDROXAMIC ACIDS**  
[54] **PROCESSUS DE PREPARATION D'ACIDES HYDROXAMIQUES**  
[72] HAWKINS, Joel Michael, US  
[71] PFIZER PRODUCTS INC., US  
[22] 1999-04-08  
[43] 1999-10-10  
[30] US (60/081,365) 1998-04-10

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[21] **2,268,684**  
[13] A1  
[51] **Int.Cl. 6C07C 311/29 6C07D 493/08 6C07D 405/12 6C07D 407/12 6C07D 409/12 6C07D 309/14 6C07D 333/34 6C07D 307/64 6C07D 213/71**  
[25] EN  
[54] **PROCESS FOR ALKYLATING HINDERED SULFONAMIDES**  
[54] **PRODEDE D'ALCALINISATION DES SULFONAMIDES ENTRAVES**  
[72] HAWKINS, Joel Michael, US  
[71] PFIZER PRODUCTS INC., US  
[22] 1999-04-08  
[43] 1999-10-10  
[30] US (60/081,310) 1998-04-10

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[21] **2,268,687**  
[13] A1  
[51] **Int.Cl. 6G01F 23/22**  
[25] EN  
[54] **APPARATUS FOR SENSING THE LEVEL OF CONTENTS IN A CONTAINER**  
[54] **APPAREIL POUR DETERMINER LE NIVEAU DU CONTENU D'UN RECIPIENT**  
[72] BROTHERWOOD, Ian, GB  
[72] JACKSON, Ralph, GB  
[71] KLINGER FLUID INSTRUMENTATION LIMITED, GB  
[22] 1999-04-14  
[43] 1999-10-14  
[30] GB (9807910.6) 1998-04-14

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[21] **2,268,694**  
[13] A1  
[51] **Int.Cl. 6H01M 4/92**  
[25] EN  
[54] **FUEL CELL ANODE FOR THE OXIDATION OF METHANOL**  
[54] **ANODE D'UNE PILE A COMBUSTIBLE POUR L'OXYDATION DU METHANOL**  
[72] WENDT, Hartmut, DE  
[72] GOTZ, Michael, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 1999-04-14  
[43] 1999-10-15  
[30] DE (198 16 622.2) 1998-04-15

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[21] **2,268,700**  
[13] A1  
[51] **Int.Cl. 6H05K 1/18 6H05K 1/02**  
[25] EN  
[54] **HEAT SPREADER MOUNTING PAD CONFIGURATIONS FOR LASER SOLDERING**  
[54] **CONFIGURATIONS DE COUSSINS DE MONTAGE A DISSIPATION THERMIQUE POUR LA SOUDURE AU LASER**  
[72] SINKUNAS, Peter, US  
[72] GLOVATSKY, Andrew, US  
[72] BAKER, Jay, US  
[71] FORD MOTOR COMPANY OF CANADA, LIMITED, CA  
[22] 1999-04-08  
[43] 1999-10-10  
[30] US (09/058,128) 1998-04-10

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[13] A1  
[51] **Int.Cl. 6C08L 83/07 6C08K 5/098 6C08K 3/26 6C08K 3/30 6C08K 3/32 6C08K 3/38**  
[25] EN  
[54] **HEAT-CURABLE SILICONE RUBBER COMPOSITIONS HAVING RESISTANCE TO ENGINE OILS AND COOLANTS**  
[54] **COMPOSITIONS DE CAOUTCHOUC DE SILICONE THERMODURCISSABLE RESISTANTES AUX HUILES ET AUX LIQUIDES DE REFROIDISSEMENT DE MOTEURS**  
[72] DeGROOT, Jon Vierling Jr., US  
[72] WRIGHT, Antony Pope, US  
[72] SCHULZ, William James Jr., US  
[72] FIEDLER, Lawrence Dale, US  
[71] DOW CORNING CORPORATION, US  
[22] 1999-04-12  
[43] 1999-10-13  
[30] US (09/058,926) 1998-04-13

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[21] **2,268,723**  
[13] A1  
[51] **Int.Cl. 6C07D 229/00 6C09D 175/02 6C08G 18/79 6C08G 18/80**  
[25] EN  
[54] **UREA- AND URETDIONE-FUNCTIONAL POLYISOCYANATES**  
[54] **POLYISOCYANATES A FONCTIONS UREE ET UREDIONE**  
[72] WENNING, Andreas, DE  
[71] HULS AKTIENGESELLSCHAFT, DE  
[22] 1999-04-14  
[43] 1999-10-15  
[30] DE (19816547.1) 1998-04-15

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[21] **2,268,727**  
[13] A1  
[51] **Int.Cl. 6A47L 9/04**  
[25] EN  
[54] **DEVICE FOR DRIVING/STOPPING BRUSH OF VACUUM CLEANER**  
[54] **DISPOSITIF DE COMMANDE ET D'ARRET D'UNE BROSSE D'ASPIRATEUR**  
[72] KIM, Sung Guen, KR  
[71] LG ELECTRONICS INC., KR  
[22] 1999-04-14  
[43] 1999-10-15  
[30] KR (5938/1998) 1998-04-15  
[30] KR (53221/1998) 1998-12-05

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[21] **2,268,730**  
[13] A1  
[51] **Int.Cl. 6F23R 3/28 6F23R 3/34 6F23D 11/38 6F23D 11/40**  
[25] EN  
[54] **COMBUSTOR**  
[54] **CHAMBRE DE COMBUSTION**  
[72] AKAMATSU, Shinji, JP  
[72] KOBAYASHI, Kazuya, JP  
[72] TANIMURA, Satoshi, JP  
[72] MANDAI, Shigemi, JP  
[72] OTA, Masataka, JP  
[72] NISHIDA, Koichi, JP  
[72] SATO, Yoshichika, JP  
[72] AKITA, Eiji, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 1999-04-14  
[43] 1999-10-15  
[30] JP (10-104645) 1998-04-15  
[30] JP (10-205289) 1998-07-21  
[30] JP (10-230649) 1998-08-17

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[21] **2,268,736**  
[13] A1  
[51] **Int.Cl. 6E01B 26/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR COLLECTING LIQUID SPILLAGE AT RAIL FACILITIES**  
[54] **APPAREIL ET METHODE POUR RECUEILLIR DU LIQUIDE RENVERSE DES INSTALLATIONS DE RAILS**  
[72] VINCENT, Jon R., US  
[72] GAUDET, Richard C., US  
[71] CENTURY GROUP INC., US  
[22] 1999-04-07  
[43] 1999-10-14  
[30] US (09/059,748) 1998-04-14

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[13] A1

[51] **Int.Cl. 6G02B 26/08**  
[25] EN  
[54] **OPTICAL SWITCH**  
[54] **COMMUTATEUR OPTIQUE**  
[72] PIANCIOLA, Aurelio, IT  
[72] MILANESE, Paolo, IT  
[72] GALEOTTI, Adriano, IT  
[71] PIRELLI CAVI E SISTEMI S.P.A., IT  
[22] 1999-04-07  
[43] 1999-10-10  
[30] EP (98106651.7) 1998-04-10

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[21] **2,268,757**  
[13] A1

[51] **Int.Cl. 6H04Q 3/66**  
[25] EN  
[54] **MULTIPLE CALL HANDLING IN A CALL CENTER**  
[54] **ACHEMINEMENT D'APPELS MULTIPLES DANS UN CENTRE D'APPELS**  
[72] GOLDSMITH, Steven J., US  
[72] EDWARDS, Thomas J., US  
[72] FUNG, Denny Y., US  
[72] DONAGHUE, Norman J., Jr., US  
[71] MOSAIX, INC., US  
[22] 1999-04-07  
[43] 1999-10-13  
[30] US (09/060,038) 1998-04-13

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[21] **2,268,855**  
[13] A1

[51] **Int.Cl. 6D06N 5/00**  
[25] EN  
[54] **RECYCLED ROOFING MATERIAL & METHOD OF MANUFACTURING THE SAME**  
[54] **MATERIAU DE COUVERTURE RECYCLE ET METHODE DE FABRICATION DE CELUI-CI**  
[72] ZICKELL, Thomas J., US  
[71] NORTHERN ELASTOMERIC INC., US  
[22] 1999-04-13  
[43] 1999-10-14  
[30] US (09/059,970) 1998-04-14

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[21] **2,268,858**  
[13] A1

[51] **Int.Cl. 6E04B 1/78**  
[25] EN  
[54] **EXTERIOR INSULATION AND FINISH SYSTEM**  
[54] **TECHNIQUE D'ISOLATION ET DE FINITION EXTERIEURES**  
[72] NOCE, Jeremy, US  
[72] REMMELE, Thomas, US  
[71] STO CORPORATION, US  
[22] 1999-04-13  
[43] 1999-10-15  
[30] US (09/060,309) 1998-04-15

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[21] **2,268,870**  
[13] A1

[51] **Int.Cl. 6C07D 333/38 6C07D 405/04 6C07D 409/04 6C07D 401/10 6C07D 403/10 6C07D 405/10 6C07D 409/10 6C07D 413/12 6C07D 417/12 6C07D 207/34 6A61K 31/34 6A61K 31/38 6A61K 31/495 6C07D 307/68**  
[25] EN  
[54] **HETEROCYCLIC CARBOXAMIDES**  
[54] **CARBOXAMIDES HETEROCYCLIQUES**  
[72] HOWARD, Harry Ralph, US  
[71] PFIZER PRODUCTS INC., US  
[22] 1999-04-13  
[43] 1999-10-15  
[30] US (60/081,790) 1998-04-15

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[21] **2,268,993**  
[13] A1

[51] **Int.Cl. 6H02J 7/35**  
[25] EN  
[54] **A CONVERTER MODULE FOR AN ELECTRICAL POWER SUPPLY AND A SYSTEM INCLUDING IT**  
[54] **MODULE DE CONVERTISSEUR POUR APPAREIL D'ALIMENTATION ELECTRIQUE ET SYSTEME COMPRENANT CE MODULE**  
[72] PEROL, Philippe Alfred, NL  
[71] PEROL, Philippe Alfred, NL  
[22] 1999-04-13  
[43] 1999-10-15  
[30] FR (98 04661) 1998-04-15

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[21] **2,268,994**  
[13] A1

[51] **Int.Cl. 6E02F 9/08 6B23K 37/00**  
[25] EN  
[54] **METHOD FOR FABRICATING AN EXCAVATOR BASE**  
[54] **METHODE DE FABRICATION D'UNE BASE EXCAVATRICE**  
[72] AUSTIN, David S., US  
[72] GREGOR, Robert A., US  
[71] BUCYRUS INTERNATIONAL, INC., US  
[22] 1999-04-13  
[43] 1999-10-14  
[30] US (60/081,664) 1998-04-14  
[30] US (09/181,452) 1998-10-29

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[21] **2,269,000**  
[13] A1

[51] **Int.Cl. 6C04B 14/38**  
[25] EN  
[54] **REINFORCING MATERIAL FOR KNEADED AND FORMED HYDRAULIC MATERIAL, AND KNEADED AND FORMED ARTICLE**  
[54] **MATERIAU DE RENFORCEMENT POUR MATERIEL HYDRAULIQUE FRAISE ET FORME ET ARTICLE FRAISE ET FORME**  
[72] SATOH, Masahiro, JP  
[72] SUEMORI, Hisashi, JP  
[72] OHMORY, Akio, JP  
[72] OGAWA, Atsuhisa, JP  
[72] SAITO, Tadashi, JP  
[72] HIKASA, Jun-ichi, JP  
[72] IKIMINE, Toshiaki, JP  
[72] MAYAHARA, Mitsuo, JP  
[71] KURARAY CO., LTD., JP  
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[43] 1999-10-13  
[30] JP (100746/1998) 1998-04-13  
[30] JP (155707/1998) 1998-06-04

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[21] **2,269,005**  
[13] A1

[51] **Int.Cl. 6A61M 5/32**  
[25] EN  
[54] **NEEDLE INJECTION-FACILITATING DEVICE**  
[54] **DISPOSITIF POUR FACILITER LES INJECTIONS PAR AIGUILLE**  
[72] INKPEN, Thomas Randall, CA  
[72] WILLIAMSON, Laura Jean, CA  
[71] INKPEN, Thomas Randall, CA  
[71] WILLIAMSON, Laura Jean, CA  
[22] 1999-04-14  
[43] 1999-10-15  
[30] CA (2,229,522) 1998-04-15

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[21] **2,269,008**  
[13] A1  
[51] **Int.Cl. 6E01C 23/06**  
[25] EN  
[54] **METHOD OF REPAIRING  
CRACKS IN ROADWAYS**  
[54] **METHODE DE REPARATION DES  
FISSURES DANS LES CHAUSSEES**  
[72] MARINO, Robert, US  
[71] MULCH SEAL, LLC, US  
[22] 1999-04-14  
[43] 1999-10-15  
[30] US (09/061,445) 1998-04-15

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[21] **2,269,012**  
[13] A1  
[51] **Int.Cl. 6H02J 9/06 6G06F 12/16**  
[25] FR  
[54] **DISPOSITIF ET PROCEDE  
D'ALIMENTATION ELECTRIQUE  
SECURISEE POUR SYSTEME DE  
REPRODUCTION AUDIOVISUELLE**  
[54] **SECURE ELECTRICAL POWER  
DEVICE AND PROCESS FOR AN  
AUDIOVISUAL REPRODUCTION  
SYSTEM**  
[72] NATHAN, Guy, FR  
[72] MARTINEAU, Pierre, FR  
[71] TOUCHTUNES MUSIC  
CORPORATION, US  
[22] 1999-04-12  
[43] 1999-10-14  
[30] FR (98 04894) 1998-04-14

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[21] **2,269,014**  
[13] A1  
[51] **Int.Cl. 6B32B 27/32**  
[25] FR  
[54] **FILM DE POLYETHYLENE  
THERMORETRACTABLE DE HAUTE  
CLARTE ET A OUVERTURE FACILE  
POUR L'EMBALLAGE DE  
GROUPEMENTS DE PRODUITS**  
[54] **VERY CLEAR AND EASY TO  
HANDLE POLYETHYLENE SHRINK  
WRAP FOR WRAPPING GROUPS OF  
PRODUCTS**  
[72] GRANGETTE, Michel, FR  
[71] SOCIÉTÉ CONDITIONNEMENT ET  
INDUSTRIE SOCIÉTÉ ANONYME CEISA,  
FR  
[22] 1999-04-13  
[43] 1999-10-15  
[30] FR (9804689) 1998-04-15

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[21] **2,269,018**  
[13] A1  
[51] **Int.Cl. 6F16K 5/04**  
[25] EN  
[54] **IMPROVEMENTS IN GENERAL-  
PURPOSE VALVES, PREFERABLY  
VALVES FOR FAUCET SETS**  
[54] **AMELIORATIONS APORTEES  
AUX SOUPAPES A USAGE GENERAL,  
DE PREFERENCE AUX SOUPAPES  
POUR ENSEMBLE DE ROBINET**  
[72] VIEGENER, Francisco Enrique, AR  
[71] VIEGENER, Francisco Enrique, AR  
[22] 1999-04-14  
[43] 1999-10-14  
[30] AR (P 98 01 01731) 1998-04-14

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[21] **2,269,019**  
[13] A1  
[51] **Int.Cl. 6A61K 33/00 6A61D 7/00**  
[25] FR  
[54] **PROCEDE POUR AMELIORER  
LES CONDITIONS D'ELEVAGE CHEZ  
LE PORC NOUVEAU-NE**  
[54] **PROCEDURE FOR IMPROVING  
CONDITIONS FOR NEWLY-BORN  
PIGLETS**  
[72] GIRARDON, Philippe, FR  
[72] HERPIN, Patrick, FR  
[71] L' AIR LIQUIDE, SOCIÉTÉ  
ANONYME POUR L'ETUDE ET  
L'EXPLOITATION DES PROCÉD, FR  
[22] 1999-04-14  
[43] 1999-10-16  
[30] FR (98/04755) 1998-04-16

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[21] **2,269,020**  
[13] A1  
[51] **Int.Cl. 6B32B 27/06 6B32B 27/32  
6B65D 65/40**  
[25] FR  
[54] **FILM DE POLYETHYLENE  
THERMORETRACTABLE DE HAUTE  
CLARTE POUR L'EMBALLAGE DE  
GROUPEMENTS DE PRODUITS**  
[54] **VERY CLEAR POLYETHYLENE  
SHRINK WRAP FOR WRAPPING  
GROUPS OF PRODUCTS**  
[72] GRANGETTE, Michel, FR  
[71] SOCIÉTÉ CONDITIONNEMENT ET  
INDUSTRIE SOCIÉTÉ ANONYME CEISA,  
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[22] 1999-04-14  
[43] 1999-10-15  
[30] FR (9804690) 1998-04-15

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[21] **2,269,021**  
[13] A1  
[51] **Int.Cl. 6B22D 41/50 6B22D 11/10**  
[25] FR  
[54] **BUSETTE POUR  
L'INTRODUCTION DE METAL  
LIQUIDE DANS UNE LINGOTIERE DE  
COULEE CONTINUE DES METAUX**  
[54] **NOZZLE FOR TRANSFERRING  
LIQUID METAL INTO A  
CONTINUOUS-CASTING METAL  
INGOT MOLD**  
[72] ORIHHEL, Fabienne, FR  
[72] RICHAUD, Johan, FR  
[72] DESCAVES, Frédéric, FR  
[72] GACHER, Laurent, FR  
[72] GONCALVES, Bernard, FR  
[71] VESUVIUS FRANCE, FR  
[71] USINOR, FR  
[22] 1999-04-15  
[43] 1999-10-16  
[30] FR (98 04 706) 1998-04-16

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[21] **2,269,033**  
[13] A1  
[51] **Int.Cl. 6B60K 15/05**  
[25] EN  
[54] **FUEL CAP ASSEMBLY**  
[54] **ASSEMBLAGE DE BOUCHONS DE  
RESERVOIRS D'ESSENCE**  
[72] GERICKE, Michael, CA  
[71] TESMA INTERNATIONAL INC., CA  
[22] 1999-04-13  
[43] 1999-10-13  
[30] US (60/081,515) 1998-04-13

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[21] **2,269,040**  
[13] A1  
[51] **Int.Cl. 6B05C 21/00 6B44D 3/00  
6B65D 25/14**  
[25] EN  
[54] **LINER FOR A PAINT TRAY**  
[54] **COUVRE-BAC A PEINTURE**  
[72] SAWYER, Thomas Emerson, CA  
[72] WONG, David Ka-Sing, CA  
[71] SAWYER, Thomas Emerson, CA  
[71] WONG, David Ka-Sing, CA  
[22] 1999-04-14  
[43] 1999-10-14  
[30] US (09/060,044) 1998-04-14

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[21] **2,269,042**  
[13] A1

[51] **Int.Cl. 6E21B 43/08**  
[25] EN  
[54] **COILED TUBING SCREEN**  
[54] **TOILE METALLIQUE POUR TUBE EN SPIRALE**  
[72] RICHARD, Bennett M., US  
[72] VOLL, Ben A., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 1999-04-14  
[43] 1999-10-14  
[30] US (60/081,711) 1998-04-14

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[21] **2,269,046**  
[13] A1

[51] **Int.Cl. 6A61K 31/41 6A61K 31/335 6A61K 31/34 6A61K 31/35 6A61K 31/38 6A61K 31/40 6A61K 31/44 6A61K 31/55**  
[25] EN  
[54] **METHOD OF PREVENTING ALLOGRAFT REJECTION**  
[54] **TECHNIQUE POUR LA SUPPRESSION DU REJET DE GREFFE ALLOGENIQUE**  
[72] SHOWELL, Henry James, US  
[72] WERINGER, Elora Jeanne, US  
[71] PFIZER PRODUCTS INC., US  
[22] 1999-04-14  
[43] 1999-10-16  
[30] US (60/081,983) 1998-04-16

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[21] **2,269,047**  
[13] A1

[51] **Int.Cl. 6D21H 11/00**  
[25] EN  
[54] **SOFT, BULKY SINGLE-PLY ABSORBENT PAPER HAVING A SERPENTINE CONFIGURATION AND METHODS FOR ITS MANUFACTURE**  
[54] **PAPIER MONOPLI BOUFFANT ET ABSORBANT A CONCEPTION ONDULEE ET METHODES DE FABRICATION DE CELUI-CI**  
[72] LITVAY, John D., US  
[72] ORIARAN, T. Philips, US  
[72] HARPER, Frank D., US  
[71] FORT JAMES CORPORATION, US  
[22] 1999-04-14  
[43] 1999-10-15  
[30] US (09/060,693) 1998-04-15

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[13] A1

[51] **Int.Cl. 6C07D 295/155 6C07D 453/02 6C07D 241/04 6C07D 471/04 6C07D 487/04 6C07D 295/073 6C07D 471/08 6C07D 487/08 6C07D 207/09 6C07D 295/135 6C07D 207/14 6A61K 31/165 6C07C 317/32 6C07D 211/34 6C07D 263/34 6C07D 333/38 6A61K 31/38 6A61K 31/395 6A61K 31/40 6C07C 323/42 6C07D 209/42 6C07D 241/42 6A61K 31/445 6A61K 31/495 6A61K 31/535 6C07C 233/78**  
[25] EN  
[54] **N-ACYL AND N-AROYL ARALKYL AMIDES**  
[54] **AMIDES ARALKYLES N-ACYLES ET N-ARYLES**  
[72] HOWARD, Harry Ralph, US  
[71] PFIZER PRODUCTS INC., US  
[22] 1999-04-14  
[43] 1999-10-16  
[30] US (60/081,970) 1998-04-16

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[21] **2,269,050**  
[13] A1

[51] **Int.Cl. 6A61K 31/495 6A61N 1/00 6A61K 38/04 6A61K 31/44**  
[25] EN  
[54] **METHOD FOR TRANSDERMAL ADMINISTRATION OF GP IIB/IIIA ANTAGONIST**  
[54] **METHODE D'ADMINISTRATION TRANSDERMIQUE DE L'ANTAGONISTE GP IIB/IIIA**  
[72] YANAI, Shigeo, JP  
[72] MATSUMOTO, Yukihiko, JP  
[72] IGA, Katsumi, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[22] 1999-04-14  
[43] 1999-10-14  
[30] JP (102521/1998) 1998-04-14

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[21] **2,269,106**  
[13] A1

[51] **Int.Cl. 6F24H 1/28**  
[25] EN  
[54] **COMPACT GAS FIRED WATER HEATER WITH IMPROVED COMBUSTION CHAMBER**  
[54] **CHAUFFE-EAU ALIMENTE AU GAZ, A CHAMBRE DE COMBUSTION AMELIOREE**  
[72] BRIDEGUM, James E., US  
[71] AMERICAN STANDARD INC., US  
[22] 1999-04-15  
[43] 1999-10-16  
[30] US (09/060,542) 1998-04-16

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[21] **2,269,150**  
[13] A1

[51] **Int.Cl. 6H04Q 7/26 6H04Q 7/38**  
[25] EN  
[54] **HANDOVER ARRANGEMENT FOR MOBILE STATION MOVING ACROSS THE BOUNDARY OF WIRELESS CELL-SITE STATIONS OF ADJACENT PBXS**  
[54] **SYSTEME DE TRANSFERT AUTOMATIQUE POUR STATION MOBILE TRAVERSANT LA FRONTIERE DES STATIONS CELLULAIRES DE STANDARDS PRIVES (PBX) VOISINS**  
[72] ITAGAKI, Yoshio, JP  
[72] OTSUKA, Kiyokazu, JP  
[71] NEC CORPORATION, JP  
[22] 1999-04-15  
[43] 1999-10-16  
[30] JP (10-106576) 1998-04-16

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[21] **2,269,160**  
[13] A1

[51] **Int.Cl. 6H01H 35/26 6H01H 35/34**  
[25] EN  
[54] **DIFFERENTIAL PRESSURE SWITCH HAVING AN ISOLATED HALL EFFECT SENSOR**  
[54] **COMMUTATEUR DE PRESSION DIFFERENTIELLE AYANT UN CAPTEUR D'EFFET DE HALL ISOLE**  
[72] KRUEGER, Ronald R., US  
[72] TYLISZ, Brian M., US  
[71] DWYER INSTRUMENTS, INC., US  
[22] 1999-04-15  
[43] 1999-10-16  
[30] US (60/082,015) 1998-04-16  
[30] US (264,194) 1999-03-08

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[21] **2,269,168**  
[13] A1

[51] **Int.Cl. 6B65G 1/04 6B65G 1/137**  
[25] EN  
[54] **AUTOMATED STORAGE AND RETRIEVAL SYSTEM FOR PALLETLESS DAIRY CASES**  
[54] **SYSTEME AUTOMATISE DE STOCKAGE ET DE RECUPERATION DE CAISSES DE PRODUITS LAITIERS SANS PALLETTE**  
[72] LABELL, Daniel, US  
[71] WESTFALIA TECHNOLOGIES, INC., US  
[22] 1999-04-08  
[43] 1999-10-10  
[30] US (09/058,220) 1998-04-10

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[21] **2,269,172**  
[13] A1  
[51] **Int.Cl. 6A47J 37/07 6F24C 15/00 6F23D 14/14**  
[25] EN  
[54] **COOKING APPLIANCE WITH IMPROVED HEAT DISTRIBUTION**  
[54] **APPAREIL DE CUISSON AYANT DES QUALITES AMELIOREES DE DISTRIBUTION DE CHALEUR**  
[72] HOLBROOK, Richard M., US  
[72] BUSTA, Jeff, US  
[72] LAM, Jeff, US  
[72] LAYFIELD, James, US  
[72] BETANCOURT, Filiberto, US  
[72] TURNER, Scott, US  
[72] SLOVACEK, Karel, US  
[71] THERMADOR CORPORATION, US  
[22] 1999-04-16  
[43] 1999-10-16  
[30] US (60/081,978) 1998-04-16  
[30] US (09/290,883) 1999-04-14

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[21] **2,269,174**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/24 6H04B 7/185**  
[25] EN  
[54] **MOBILE SATELLITE SYSTEM/ TERRESTRIAL WIRELESS SYSTEM INTERWORKING TECHNIQUES**  
[54] **TECHNIQUES D'INTERFONCTIONNEMENT ENTRE SYSTEME DE TELEPHONE MOBILE SATELLITAIRE ET SYSTEME SANS FIL TERRESTRE**  
[72] KIM, Won S., US  
[72] LO, Wing F., US  
[72] CHANG, Jue, US  
[71] NORTHERN TELECOM LIMITED, CA  
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[30] US (09/061,420) 1998-04-16

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[13] A1  
[51] **Int.Cl. 6B60P 1/43 6A61G 3/06 6B65G 69/28**  
[25] EN  
[54] **LOW FLOOR VEHICLE RAMP ASSEMBLY**  
[54] **ASSEMBLAGE D'UNE RAMPE D'ACCES POUR VEHICULE A PLANCHER SURBAISSE**  
[72] COHN, Alan R., US  
[72] SIMON, Curtis J., US  
[72] LEWIS, Cleatus A., US  
[71] LIFT-U, DIVISION OF HOGAN MFG., INC., US  
[22] 1999-04-14  
[43] 1999-10-15  
[30] US (09/060,948) 1998-04-15  
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[21] **2,269,192**  
[13] A1  
[51] **Int.Cl. 6C12N 15/12 6C12Q 1/02 6C12N 5/10 6C07K 16/28 6G01N 33/566 6C12Q 1/68**  
[25] EN  
[54] **NOVEL G PROTEIN COUPLED RECEPTOR**  
[54] **NOUVEAU RECEPTEUR COUPLE PROTEINE-G**  
[72] ZASTAWNY, Roman L., CA  
[72] MCWHINNIE, Elizabeth A., CA  
[71] ALLELIX BIOPHARMACEUTICALS, INC., CA  
[22] 1999-04-16  
[43] 1999-10-16  
[30] US (60/081,995) 1998-04-16

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[13] A1  
[51] **Int.Cl. 6H01S 3/00 6H01S 3/08 6H01S 3/10**  
[25] EN  
[54] **SELF-COLLIMATING MULTIWAVELENGTH LASERS**  
[54] **LASERS AUTOCOLLIMES A LONGUEURS D'ONDE MULTIPLES**  
[72] XU, Jingming, CA  
[72] FAY, Martin F., CA  
[71] XU, Jingming, CA  
[71] FAY, Martin F., CA  
[22] 1999-04-16  
[43] 1999-10-16  
[30] US (60/081,964) 1998-04-16

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[21] **2,269,310**  
[13] A1  
[51] **Int.Cl. 6A61K 31/71 6A61K 9/00 6A61K 31/445**  
[25] EN  
[54] **LOCAL DELIVERY OF RAPAMYCIN FOR TREATMENT OF PROLIFERATIVE SEQUELAE ASSOCIATED WITH PTCA PROCEDURES, INCLUDING DELIVERY USING A MODIFIED STENT**  
[54] **APPORT LOCAL DE RAPAMYCINE DANS LE TRAITEMENT DES SEQUELLES PROLIFERATIVES ASSOCIEES AUX PROCEDES ACTP, Y COMPRIS L'APPORT PAR LE BIAIS D'UN TUTEUR MODIFIE**  
[72] RAKOS, Ronald, US  
[72] LLANOS, Gerard H., US  
[72] WRIGHT, Carol, US  
[72] KING, Kristen, US  
[71] CORDIS CORPORATION, US  
[22] 1999-04-16  
[43] 1999-10-16  
[30] US (09/061,568) 1998-04-16

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[13] A1  
[51] **Int.Cl. 6A23L 1/317 6A22C 11/00 6A23P 1/12 6A23L 1/314**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR PREPARING PEPPERONI**  
[54] **PROCEDE ET APPAREIL POUR LA CONFECTION DU PEPPERONI**  
[72] ROBERDS, James, US  
[72] NEWKIRK, Kyle A., US  
[72] RAINBOLT, Luke B., US  
[71] H&M FOOD SYSTEMS COMPANY INC., US  
[22] 1999-04-16  
[43] 1999-10-16  
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[13] A1  
[51] **Int.Cl. 6B60R 7/02 6B60P 7/135**  
[25] EN  
[54] **CARGO SUPPORT DEVICE AND METHOD**  
[54] **METHODE ET DISPOSITIF DE SOUTIEN AU TRANSPORT DE MATERIEL**  
[72] SEETO, Richard, AU  
[71] SEETO, Richard, AU  
[22] 1999-04-15  
[43] 1999-10-16  
[30] AU (PP3003/98) 1998-04-16

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**10 octobre 1999 - 16 octobre 1999**

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[13] A1

[51] **Int.Cl. 6H04L 7/00 6H04L 12/56**  
[25] EN  
[54] **AAL TERMINAL SYSTEM OF DUPLEX CONFIGURATION AND SYNCHRONIZATION METHOD**  
[54] **SYSTEME DE TERMINAUX AAL BILATERAUX ET METHODE DE SYNCHRONISATION CONNEXE**  
[72] SAEKI, Shuichi, JP  
[71] NEC CORPORATION, JP  
[22] 1999-04-15  
[43] 1999-10-16  
[30] JP (10-106718) 1998-04-16

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[21] **2,269,396**  
[13] A1

[51] **Int.Cl. 6C07K 1/12 6A61K 38/01 6C12P 21/06 6A23K 1/16 6C07K 14/47**  
[25] EN  
[54] **BIOACTIVE PEPTIDES, USES THEREOF AND PROCESS FOR THE PRODUCTION OF SAME**  
[54] **PEPTIDES BIO-ACTIFS ET UTILISATION ET PROCESSUS DE FABRICATION DE CEUX-CI**  
[72] RAA, Jan, NO  
[72] RORSTAD, Gunnar, NO  
[71] BIOTEC ASA, NO  
[22] 1999-04-15  
[43] 1999-10-16  
[30] US (09/061,575) 1998-04-16

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[13] A1

[51] **Int.Cl. 6C09K 3/18**  
[25] EN  
[54] **ANTI-ICING COMPOSITION FOR AIRCRAFT**  
[54] **COMPOSITION ANTIGIVRAGE POUR AERONEF**  
[72] POLLMANN, Klaus, DE  
[72] MARTINI, Thomas, DE  
[71] CLARIANT GMBH, DE  
[22] 1999-04-15  
[43] 1999-10-16  
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[13] A1

[51] **Int.Cl. 6A63F 3/00 6A63F 1/00 6A63F 9/00**  
[25] EN  
[54] **APOCALYPSE**  
[54] **JEU DE SOCIETE A THEME BIBLIQUE**  
[72] MACPHERSON, William Bill, CA  
[71] MACPHERSON, William Bill, CA  
[22] 1999-05-03  
[43] 1999-10-13

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[13] A1

[51] **Int.Cl. 6A61K 31/495 6A61K 9/16 6A61K 9/22 6A61K 9/52**  
[25] EN  
[54] **NEFAZODONE DOSAGE FORM**  
[54] **FORME POSOLOGIQUE DE LA NEFAZODONE**  
[72] DENNIS, Andrew B., GB  
[72] HODSDON, Alison C., GB  
[72] TIMMINS, Peter, GB  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[22] 1999-06-03  
[43] 1999-10-10  
[30] US (60/088,211) 1998-06-05

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[21] **2,275,057**  
[13] A1

[51] **Int.Cl. 6A61F 9/06 6G02C 11/00 6A61F 11/12**  
[25] EN  
[54] **EYEWEAR WITH EAR SUPPORTS**  
[54] **LUNETTES AVEC CACHE-OREILLES**  
[72] TUTOR, Michael S., US  
[72] BRIGHT, Aaron Lee, US  
[72] GREEN, Robert W., US  
[71] RADIANS, INC., US  
[22] 1999-07-13  
[43] 1999-10-13  
[30] US (09/114,391) 1998-07-13  
[30] US (60/132,205) 1999-05-03  
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[21] **2,276,847**  
[13] A1

[51] **Int.Cl. 6A62B 1/10 6A62B 1/00 6E04G 3/06**  
[25] EN  
[54] **EMERGENCY GRAVITY ESCAPE SCAFFOLD**  
[54] **ECHAFAUDAGE D'EVACUATION D'URGENCE FONCTIONNANT PAR GRAVITE**  
[72] PATTERSON, MICHAEL R., CA  
[71] PATTERSON, MICHAEL R., CA  
[22] 1999-08-05  
[43] 1999-10-11  
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[13] A1

[51] Int.Cl. **6B65D 25/00 6A47K 5/03  
6A47G 29/06 6A47K 1/09 6A47G 19/22  
6B65D 1/40**

[25] EN

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[54] **CONTENEUR**

[72] HO, STANLEY, US

[71] ALLURE HOME CREATION CO.,  
INC., US

[85] 1999-05-28

[86] 1998-11-16 (PCT/US98/24516)

[87] 1999-10-10 ()

[30] US (09/165064) 1998-10-02

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[21] **2,279,293**

[13] A1

[51] Int.Cl. **6C07D 221/16 6A61K 51/00  
6A61K 31/435**

[25] EN

[54] **HEXAHYDROINDENOPYRIDINE  
COMPOUNDS HAVING  
ANTISPERMATOGENIC ACTIVITY**

[54] **COMPOSES  
D'HEXAHYDROINDENOPYRIDINE**

**PRESENTANT UNE ACTIVITE  
ANTISPERMATOGENE**

[72] COOK, C. EDGAR, US

[72] STEPHENS, JOHN R., US

[72] ZHANG, PINGSHENG, US

[72] JUMP, JOSEPH M., US

[72] FAIL, PATRICIA A., US

[72] LEE, YUE-WEI, US

[72] WANI, MANSUKH C., US

[71] RESEARCH TRIANGLE INSTITUTE,  
US

[85] 1999-07-30

[86] 1998-01-30 (PCT/US98/00989)

[87] 1998-08-06 (WO98/33525)

[30] US (08/792,611) 1997-01-31

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[21] **2,279,402**

[13] A1

[51] Int.Cl. **6A61K 31/23 6A23G 1/00  
6A23G 3/00 6A23D 9/007 6A21D 2/16  
6A23L 1/30 6A61K 31/575**

[25] EN

[54] **OIL AND FAT COMPOSITION  
CONTAINING PHYTOSTEROL**

[54] **COMPOSITION DE MATIERE  
GRASSE ET D'HUILE CONTENANT DU  
PHYTOSTEROL**

[72] GOTO, NAOHIRO, JP

[72] YASUKAWA, TAKUJI, JP

[72] NISHIDE, TSUTOMU, JP

[72] MASUI, KENJI, JP

[72] TANAKA, YUKITAKA, JP

[71] KAO CORPORATION, JP

[85] 1999-07-16

[86] 1999-02-17 (PCT/JP99/00686)

[87] 1999-09-24 ()

[30] JP (10-75898) 1998-03-24

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[13] A1

[51] Int.Cl. **6C07C 255/46 6C07D 335/02  
6C07D 309/12 6C07D 407/12 6C07D 409/  
12 6C07D 307/20 6C07D 333/24 6C07C  
253/30 6C07C 61/39 6C07D 303/48**

[25] EN

[54] **COMPOUNDS AND METHOD FOR  
PREPARING SUBSTITUTED 4-  
PHENYL-4-CYANOCYCLOHEXANOIC  
ACIDS**

[54] **COMPOSES ET PROCEDE DE  
PREPARATION D'ACIDES 4-PHENYL-  
4-CYANOCYCLOHEXANOIQUES  
SUBSTITUES**

[72] WEBB, KEVIN, US

[72] LIU, LI, US

[72] ALLEN, ANDREW, US

[72] MENDELSON, WILFORD, US

[72] DIEDERICH, ANN MARIE, US

[71] SMITHKLINE BEECHAM

CORPORATION, US

[85] 1999-08-09

[86] 1998-02-12 (PCT/US98/02749)

[87] 1998-08-13 (WO98/34584)

[30] US (60/037,608) 1997-02-12

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[21] **2,279,963**

[13] A1

[51] Int.Cl. **6C07H 21/00 6C07H 19/10  
6C07H 19/207 6C07H 19/23 6A61K 31/70**

[25] EN

[54] **CERTAIN DINUCLEOTIDES AND  
THEIR USE AS MODULATORS OF  
MUCOCILIARY CLEARANCE AND  
CILIARY BEAT FREQUENCY**

[54] **DINUCLEOTIDES ET LEUR  
UTILISATION EN TANT QUE  
MODULATEURS D'EPURATION  
MUCOCILIAIRE ET DE FREQUENCE  
DES BATTEMENTS CILIAIRES**

[72] SIDDIQI, SUHAIB M., US

[72] PENDERGAST, WILLIAM, US

[72] YERXA, BENJAMIN R., US

[72] RIDEOUT, JANET L., US

[71] INSPIRE PHARMACEUTICALS,  
INC., US

[85] 1999-08-05

[86] 1998-02-06 (PCT/US98/02702)

[87] 1998-08-13 (WO98/34942)

[30] US (08/797,472) 1997-02-06

[30] US (08/798,508) 1997-02-10

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[21] **2,279,973**

[13] A1

[51] Int.Cl. **6C07D 301/26 6C08G 59/02  
6C07D 317/36 6C07D 317/38**

[25] EN

[54] **PROCESS FOR THE  
MANUFACTURE OF EPOXY  
COMPOUNDS**

[54] **PROCEDE DE PREPARATION DE  
COMPOSES D'EPOXY**

[72] VAN DOORN, JOHANNES

ADRIANUS, NL

[72] VOS, ERIC JOHANNES, NL

[72] SMITS, JOZEF JACOBUS TITUS, NL

[71] SHELL INTERNATIONALE

RESEARCH MAATSCHAPPIJ B.V., NL

[85] 1999-08-05

[86] 1998-02-05 (PCT/EP98/00653)

[87] 1998-08-13 (WO98/34931)

[30] EP (97200328.9) 1997-02-07

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<p style="text-align: right;">[21] <b>2,279,976</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21C 9/00 6D21H 21/22</b> [25] EN [54] <b>METHOD OF PRODUCING SOFT PAPER PRODUCTS</b> [54] <b>PROCEDE DE PRODUCTION DE PRODUITS DU TYPE PAPIER DOUX</b> [72] PACKWOOD, ROBERT E., JR., US [72] MINTON, MARY L., US [72] GOYAL, GOPAL C., US [71] POTLATCH CORPORATION, US [85] 1999-08-05 [86] 1998-02-13 (PCT/US98/02802) [87] 1998-08-20 (WO98/36125) [30] US (08/799,234) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,280,014</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08K 5/15 6G02B 1/04 6C08K 5/37 6C08K 5/45</b> [25] EN [54] <b>CROSS-LINKABLE POLYMERIC COMPOSITION</b> [54] <b>COMPOSITION POLYMERE RETICULABLE</b> [72] BATEMAN, IAN ROGER, AU [72] KLOUBEK, HELENA, AU [72] TOH, HUAN KIAK, AU [72] DIGGINS, DAVID ROBERT, AU [71] SOLA INTERNATIONAL HOLDINGS LTD., AU [85] 1999-08-10 [86] 1998-01-19 (PCT/AU98/00021) [87] 1998-09-03 (WO98/38146) [30] AU (PO 5102) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,280,019</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B05B 7/22 6B23K 9/00 6B05B 7/18</b> [25] EN [54] <b>IMPROVED PLASMA TRANSFERRED WIRE ARC THERMAL SPRAY APPARATUS AND METHOD</b> [54] <b>APPAREIL ET PROCEDE AMELIORES DE METALLISATION A CHAUD A PLASMA A ARC TRANSFERE</b> [72] BAUGHMAN, JAMES, US [72] COOK, DAVID, US [72] MARANTZ, DANIEL, US [72] KOWALSKY, KEITH, US [71] FORD GLOBAL TECHNOLOGIES, INC., US [85] 1999-08-10 [86] 1997-12-29 (PCT/IB97/01604) [87] 1998-08-20 (WO98/35760) [30] US (08/799,242) 1997-02-14</p>
<p style="text-align: right;">[21] <b>2,280,017</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E01F 15/04 6E01F 9/018 6E01F 15/14</b> [25] EN [54] <b>SAFETY BARRIER TERMINAL FOR MOTORWAY GUARD-RAIL</b> [54] <b>PARTIE TERMINALE DE BARRIERE DE SECURITE POUR GLISSIERE D'AUTOROUTE</b> [72] GLAVOTTO, VITTORIO, IT [71] AUTOSTRADA DEL BRENNERO S.P.A., IT [85] 1999-08-10 [86] 1998-12-18 (PCT/EP98/08325) [87] 1999-07-01 (WO99/32728) [30] EP (97830691.8) 1997-12-22</p>	<p style="text-align: right;">[21] <b>2,280,020</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01M 11/00</b> [25] EN [54] <b>APPARATUS FOR MEASURING CHARACTERISTICS OF AN OPTICAL FIBRE</b> [54] <b>APPAREIL DE MESURE DES CARACTERISTIQUES D'UNE FIBRE OPTIQUE</b> [72] GALTAROSSA, ANDREA, IT [71] GALTAROSSA, ANDREA, IT [85] 1999-08-10 [86] 1998-02-10 (PCT/IB98/00225) [87] 1998-08-20 (WO98/36256) [30] IT (PD97A000025) 1997-02-13</p>	

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[13] A1

[51] **Int.Cl. 6H01L 21/20 6H01L 33/00 6H01L 25/16 6H01S 3/19 6H01L 21/22 6H01L 21/328**  
[25] EN  
[54] **MANUFACTURING A HETEROBIPOLAR TRANSISTOR AND A LASER DIODE ON THE SAME SUBSTRATE**  
[54] **FABRICATION D'UN TRANSISTOR BIPOLAIRE A HETEROJONCTION ET D'UNE DIODE LASER SUR LE MEME SUBSTRAT**  
[72] ERIKSSON, URBAN, SE  
[72] EVALDSSON, PATRIK, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-08-06  
[86] 1998-02-06 (PCT/SE98/00210)  
[87] 1998-08-13 (WO98/35378)  
[30] SE (9700432-9) 1997-02-07

[21] **2,280,025**  
[13] A1

[51] **Int.Cl. 6E21B 19/16 6B23P 15/00**  
[25] EN  
[54] **JAW UNIT FOR USE IN A POWER TONG**  
[54] **UNITE A MACHOIRE A UTILISER DANS UNE CLE DE VISSAGE**  
[72] PIETRAS, BERND-GEORG, DE  
[71] LUCAS, BRIAN RONALD, GB  
[71] WEATHERFORD/LAMB, INC., US  
[85] 1999-08-06  
[86] 1998-01-15 (PCT/GB98/00129)  
[87] 1998-08-13 (WO98/35127)  
[30] GB (9702474-9) 1997-02-07

[21] **2,280,027**  
[13] A1

[51] **Int.Cl. 6A01H 5/00 6C12N 5/14 6C12N 15/29 6C12N 15/54 6C12N 15/82**  
[25] EN  
[54] **DNA SEQUENCES ENCODING SOLANIDINE UDP-GLUCOSE GLUCOSYLTRANSFERASE AND USE TO REDUCE GLYCOALKALOIDS IN SOLANACEOUS PLANTS**  
[54] **SEQUENCES D'ADN CODANT LA SOLANIDINE UDP-GLUCOSE GLUCOSYLTRANSFERASE ET LEUR UTILISATION POUR REDUIRE LA TENEUR EN GLYCO-ALCALOIDES DES PLANTES SOLANACEES**  
[72] ALLEN, PAUL V., US  
[72] STAPLETON, ANDREW, US  
[72] MOEHS, CHARLES P., US  
[72] FRIEDMAN, MENDEL, US  
[72] BELKNAP, WILLIAM, US  
[72] ROCKHOLD, DAVID R., US  
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICUL., US  
[85] 1999-08-06  
[86] 1998-01-30 (PCT/US98/01864)  
[87] 1998-08-13 (WO98/34471)  
[30] US (08/797,226) 1997-02-07

[21] **2,280,028**  
[13] A1

[51] **Int.Cl. 6H01B 1/20 6C08K 5/41**  
[25] EN  
[54] **ELECTROSTATIC DISSIPATIVE COMPOSITION**  
[54] **COMPOSITION POUR DISSIPATION ELECTROSTATIQUE**  
[72] MOR, EBRAHIM, US  
[71] TECHMER PM, US  
[85] 1999-08-06  
[86] 1998-02-02 (PCT/US98/02209)  
[87] 1998-08-13 (WO98/35359)  
[30] US (08/795,873) 1997-02-06

[21] **2,280,030**  
[13] A1

[51] **Int.Cl. 6H05B 41/26**  
[25] EN  
[54] **A DRIVE CIRCUIT ARRANGEMENT FOR A GAS DISCHARGE LAMP**  
[54] **CIRCUIT DE COMMANDE POUR LAMPE A DECHARGE GAZEUSE**  
[72] GREEN, IAN MACDONALD, GB  
[71] CENTRAL RESEARCH LABORATORIES LIMITED, GB  
[85] 1999-08-06  
[86] 1998-01-28 (PCT/GB98/00257)  
[87] 1998-08-13 (WO98/35537)  
[30] GB (9702555.5) 1997-02-07

[21] **2,280,031**  
[13] A1

[51] **Int.Cl. 6A47L 13/11 6B08B 1/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REMOVING STANDING WATER FROM FLAT AND CONTOURED SURFACES**  
[54] **PROCEDE ET APPAREIL PERMETTANT D'ELIMINER L'EAU STAGNANTE DE SURFACES PLATES OU ARRONDIES**  
[72] VARNER, DONALD DEAN, US  
[71] GOLDTIME PRODUCTS, US  
[85] 1999-08-06  
[86] 1998-05-15 (PCT/US98/10107)  
[87] 1998-11-19 (WO98/51203)  
[30] US (08/859,836) 1997-05-16

[21] **2,280,032**  
[13] A1

[51] **Int.Cl. 6G02B 6/34 6G02F 1/313**  
[25] EN  
[54] **DUAL LIQUID-CRYSTAL WAVELENGTH-SELECTIVE OPTICAL SWITCH**  
[54] **COMMUTATEUR OPTIQUE DOUBLE A CRISTAUX LIQUIDES SELECTEUR DE LONGUEUR D'ONDES**  
[72] TOMLINSON, JOHN W., III, US  
[72] JACKEL, JANET LEHR, US  
[72] PATEL, JAYANTILAL, US  
[71] TELLUM, INC., US  
[85] 1999-08-06  
[86] 1998-02-03 (PCT/US98/02290)  
[87] 1998-08-13 (WO98/35251)  
[30] US (60/037,411) 1997-02-07

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,280,033</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/56</b> [25] EN [54] <b>COMPOSITION AND METHOD FOR SUPPLEMENTING TESTOSTERONE IN WOMEN WITH SYMPTOMS OF TESTOSTERONE DEFICIENCY</b> [54] <b>COMPOSITION ET PROCEDE SERVANT A ADMINISTRER TESTOSTERONE A DES FEMMES PRESENTANT DES SYMPTOMES DE DEFICIENCE EN TESTOSTERONE</b> [72] RAKO, SUSAN, US [71] THERATECH, INC., US [85] 1999-08-06 [86] 1998-02-05 (PCT/US98/02089) [87] 1998-08-13 (WO98/34621) [30] US (60/037,473) 1997-02-07 [30] US (60/039,717) 1997-02-12 [30] US (60/046,642) 1997-05-16</p>	<p style="text-align: right;">[21] <b>2,280,035</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 3/37 6C11D 17/00 6C11D 1/22</b> [25] EN [54] <b>IN-TANK TOILET CLEANSING BLOCK</b> [54] <b>BLOC DE NETTOYAGE POUR CABINETS IMMERGE DANS LE RESERVOIR DE CHASSE D'EAU</b> [72] LANCE-GOMEZ, EDWARD T., US [72] VELTMAN, JEROME J., US [71] S. C. JOHNSON &amp; SON, INC., US [85] 1999-08-06 [86] 1998-01-30 (PCT/US98/01787) [87] 1998-08-13 (WO98/35008) [30] US (08/799,666) 1997-02-11</p>	<p style="text-align: right;">[21] <b>2,280,038</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 7/30</b> [25] EN [54] <b>NON-LINEAR QUANTIZER FOR VIDEO CODING</b> [54] <b>QUANTIFICATEUR NON LINEAIRE POUR CODAGE VIDEO</b> [72] PURI, ATUL, US [72] HASKELL, BARIN GEOFFRY, US [72] SCHMIDT, ROBERT LEWIS, US [71] AT&amp;T CORP., US [85] 1999-08-06 [86] 1998-01-23 (PCT/US98/01319) [87] 1998-08-20 (WO98/36573) [30] US (60/038,016) 1997-02-14 [30] US (08/899,096) 1997-07-24</p>
<p style="text-align: right;">[21] <b>2,280,034</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 37/00 6E21B 23/00 6E21B 37/02 6E21B 43/10 6E21B 34/14 6E21B 33/16</b> [25] EN [54] <b>TOOL AND METHOD FOR REMOVING EXCESS CEMENT FROM THE TOP OF A LINER AFTER HANGING AND CEMENTING THEREOF</b> [54] <b>OUTIL ET PROCEDE D'ELIMINATION D'EXCES DE CIMENT DE LA PARTIE SUPERIEURE D'UNE COLONNE PERDUE APRES SUSPENSION ET CIMENTAGE DE CELLE-CI</b> [72] TELFER, GEORGE, GB [71] LUCAS, BRIAN RONALD, GB [71] WEATHERFORD/LAMB, INC., US [85] 1999-08-06 [86] 1998-01-16 (PCT/GB98/00149) [87] 1998-08-13 (WO98/35131) [30] GB (9702565.4) 1997-02-07 [30] GB (9709456.9) 1997-05-09</p>	<p style="text-align: right;">[21] <b>2,280,036</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E06C 7/46</b> [25] EN [54] <b>LADDER STABILIZING DEVICE</b> [54] <b>STABILISATEUR POUR ECHELLE</b> [72] MOSELSKY, WILLIAM, US [71] MOSELSKY, WILLIAM, US [85] 1999-08-06 [86] 1996-02-13 (PCT/US96/02085) [87] 1997-08-21 (WO97/30260)</p>	<p style="text-align: right;">[21] <b>2,280,039</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 3/30 6C11D 3/00 6C11D 1/62</b> [25] EN [54] <b>RINSE ADDED LAUNDRY ADDITIVE COMPOSITIONS HAVING COLOR CARE AGENTS</b> [54] <b>COMPOSITIONS ADDITIVES A LESSIVE AJOUTEES AU RINCAGE, COMPRENANT DES AGENTS DE PROTECTION DES COULEURS</b> [72] SIVIK, MARK ROBERT, US [72] HARTMAN, FREDERICK ANTHONY, US [72] LITTIG, JANET SUE, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-08-06 [86] 1998-02-20 (PCT/US98/03106) [87] 1998-09-03 (WO98/38277) [30] US (60/039,273) 1997-02-28</p>
<p style="text-align: right;">[21] <b>2,280,037</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 39/118 6C07K 14/295</b> [25] EN [54] <b>CHLAMYDIAL VACCINES AND IMMUNOGENIC COMPOSITIONS CONTAINING AN OUTER MEMBRANE ANTIGEN AND METHODS OF PREPARATION THEREOF</b> [54] <b>VACCINS ANTI-CHLAMYDIAE ET COMPOSITIONS IMMUNOGENES CONTENANT UN ANTIGENE A MEMBRANE EXTERNE ET PROCEDES DE PREPARATION DESDITES COMPOSITIONS</b> [72] MURDIN, ANDREW D., CA [72] UNDERDOWN, BRIAN J., CA [71] CONNAUGHT LABORATORIES LIMITED, CA [85] 1999-08-06 [86] 1997-09-11 (PCT/CA97/00656) [87] 1998-03-19 (WO98/10789) [30] US (08/713,236) 1996-09-12</p>	<p style="text-align: right;">[21] <b>2,280,040</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 83/62 6B05B 9/04</b> [25] EN [54] <b>VAPOR PERMEABLE PRESSURIZED PACKAGE</b> [54] <b>EMBALLAGE PRESSURISE PERMEABLE A LA VAPEUR</b> [72] SMITH, SCOTT EDWARD, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-08-06 [86] 1998-02-13 (PCT/US98/02717) [87] 1998-08-20 (WO98/35889) [30] US (08/802,476) 1997-02-18</p>	

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[21] **2,280,041**  
[13] A1

[51] **Int.Cl. 6C07J 41/00 6C07J 1/00 6C07J 43/00 6C07J 53/00 6A61K 31/56**  
[25] EN  
[54] **ANTIGESTAGENIC STEROIDS WITH A FLUORINATED 17.ALPHA.-ALKYL CHAIN**  
[54] **STEROIDES A ACTIVITE ANTIGESTAGENE A CHAINE 17.ALPHA.-ALKYLE FLUOREE**  
[72] KLAR, ULRICH, DE  
[72] NEEF, GUNTER, DE  
[72] CLEVE, ARWED, DE  
[72] CHWALISZ, KRISTOF, DE  
[72] HESS-STUMPP, HOLGER, DE  
[72] SCHNEIDER, MARTIN, DE  
[72] SCHWEDE, WOLFGANG, DE  
[72] FUHRMANN, ULRIKE, DE  
[71] SCHERING AKTIENGESELLSCHAFT, DE  
[85] 1999-08-06  
[86] 1998-02-09 (PCT/EP98/00752)  
[87] 1998-08-13 (WO98/34947)  
[30] DE (197 06 061.7) 1997-02-07

[21] **2,280,042**  
[13] A1

[51] **Int.Cl. 6A61B 5/00**  
[25] EN  
[54] **A SYSTEM FOR PREDICTING FUTURE HEALTH**  
[54] **SYSTEME DE PREDICTION DE L'ETAT FUTUR DE SANTE**  
[72] HELMS, RONALD W., US  
[72] TOMASKO, LISA, US  
[72] CAMPBELL, T. COLIN, US  
[71] BIOMAR INTERNATIONAL, INC., US  
[85] 1999-08-06  
[86] 1998-02-10 (PCT/US98/02433)  
[87] 1998-08-20 (WO98/35609)  
[30] US (08/800,314) 1997-02-14

[21] **2,280,043**  
[13] A1

[51] **Int.Cl. 6D21H 17/67 6D21H 23/04**  
[25] EN  
[54] **LUMEN LOADING OF MINERAL FILLER INTO CELLULOSE FIBERS FOR PAPERMAKING**  
[54] **REPLISSAGE DE LUMIERE DE FIBRES CELLULOSIQUES PAR UNE CHARGE MINERALE EN VUE DE LA FABRICATION DE PAPIER**  
[72] HOCKMAN, JOHN ALBERT, US  
[72] SOHARA, JOSEPH ANDREW, US  
[71] MINERALS TECHNOLOGIES, INC., US  
[85] 1999-08-06  
[86] 1998-02-10 (PCT/US98/02925)  
[87] 1998-08-13 (WO98/35095)  
[30] US (08/797,219) 1997-02-11

[21] **2,280,044**  
[13] A1

[51] **Int.Cl. 6C11D 3/28 6C11D 3/43 6C11D 3/44 6C11D 3/60**  
[25] EN  
[54] **COMPOSITION FOR CLEANING HARD SURFACES**  
[54] **COMPOSITIONS DE NETTOYAGE DE SURFACE DURES**  
[72] SHANNON, J. CHRISTOPHER, US  
[72] BLACK, ROBERT H., US  
[72] DORRIAN, JOHN F., US  
[71] SHANNON, J. CHRISTOPHER, US  
[71] BLACK, ROBERT H., US  
[71] DORRIAN, JOHN F., US  
[85] 1999-08-09  
[86] 1998-12-10 (PCT/US98/26073)  
[87] 1999-06-24 (WO99/31212)  
[30] US (60/069,395) 1997-12-12  
[30] US (60/095,456) 1998-08-06

[21] **2,280,045**  
[13] A1

[51] **Int.Cl. 6H02H 9/00**  
[25] EN  
[54] **MINIMUM VOLTAGE RADIO FREQUENCY IDENTIFICATION**  
[54] **IDENTIFICATION DE RADIOFREQUENCES AVEC TENSION MINIMUM**  
[72] MALETSKY, KERRY D., US  
[71] ATMEL CORPORATION, US  
[85] 1999-08-09  
[86] 1998-12-04 (PCT/US98/25774)  
[87] 1999-06-17 (WO99/30401)  
[30] US (08/988,504) 1997-12-10

[21] **2,280,046**  
[13] A1

[51] **Int.Cl. 6A61N 1/30**  
[25] EN  
[54] **DEVICE FOR IONTOPHORESIS**  
[54] **DISPOSITIF POUR IONTOPHORESE**  
[72] KANEBAKO, MAKOTO, JP  
[72] INAGI, TOSHIO, JP  
[72] HAYASHI, MASAHIRO, JP  
[72] HAGA, MAKOTO, JP  
[71] KOWA CO., LTD., JP  
[85] 1999-08-09  
[86] 1998-02-03 (PCT/JP98/00440)  
[87] 1998-08-20 (WO98/35722)  
[30] JP (9/032099) 1997-02-17

[21] **2,280,047**  
[13] A1

[51] **Int.Cl. 6C04B 35/622 6C04B 35/80**  
[25] EN  
[54] **METHOD FOR MAKING COMPRESSED ARTICLES OF CERAMIC FIBERS AND COMPRESSED ARTICLES OBTAINED THEREBY**  
[54] **PROCEDE DE FABRICATION D'ARTICLES COMPRIMES EN FIBRES DE CERAMIQUE ET ARTICLES COMPRIMES CORRESPONDANTS**  
[72] HART, CHARLES M., US  
[71] GLOBAL CONSULTING, INC., US  
[85] 1999-08-09  
[86] 1998-02-12 (PCT/US98/02918)  
[87] 1998-08-27 (WO98/37035)  
[30] US (60/039,039) 1997-02-24  
[30] US (08/823,991) 1997-03-25

[21] **2,280,048**  
[13] A1

[51] **Int.Cl. 6C07D 291/08 6C07D 279/02 6C07D 285/24 6A61K 31/54**  
[25] EN  
[54] **IL-8 RECEPTOR ANTAGONISTS**  
[54] **ANTAGONISTE DE RECEPTEURS D'IL-8**  
[72] WIDDOWSON, KATHERINE L., US  
[72] NIE, HONG, US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 1999-08-09  
[86] 1998-02-12 (PCT/US98/02608)  
[87] 1998-08-13 (WO98/34929)  
[30] US (60/037,606) 1997-02-12



## PCT Applications Entering the National Phase

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[21] **2,280,050**  
[13] A1  
[51] **Int.Cl. 6C08K 5/04 6C08L 29/04**  
[25] EN  
[54] **PRIMER FOR PLASTIC FILMS**  
[54] **APPRET POUR FILMS**  
**PLASTIQUES**  
[72] McGEE, DENNIS EMMETT, US  
[71] MOBIL OIL CORPORATION, US  
[85] 1999-08-09  
[86] 1998-02-06 (PCT/US98/02498)  
[87] 1998-08-13 (WO98/34982)  
[30] US (60/037,585) 1997-02-10

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[21] **2,280,051**  
[13] A1  
[51] **Int.Cl. 6C12N 15/11 6A61K 48/00**  
**6C12N 15/00 6C12N 15/63**  
[25] EN  
[54] **PROSTATE SPECIFIC**  
**REGULATORY NUCLEIC ACID**  
**SEQUENCES AND TRANSGENIC NON-**  
**HUMAN ANIMALS EXPRESSING**  
**PROSTATE SPECIFIC ANTIGEN**  
[54] **SEQUENCES D'ACIDE**  
**NUCLEIQUE REGULATRICES**  
**SPECIFIQUES DE LA PROSTATE ET**  
**ANIMAUX TRANSGENIQUES NON**  
**HUMAINS EXPRIMANT L'ANTIGENE**  
**PROSTATIQUE SPECIFIQUE**  
[72] BARTH, RICHARD K., US  
[72] FRELINGER, JOHN G., US  
[72] WEI, CHUNGWEN, US  
[71] UNIVERSITY OF ROCHESTER  
MEDICAL CENTER, US  
[85] 1999-08-09  
[86] 1998-02-10 (PCT/US98/02219)  
[87] 1998-08-13 (WO98/35031)  
[30] US (08/797,722) 1997-02-11

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[21] **2,280,052**  
[13] A1  
[51] **Int.Cl. 6G07D 1/00 6G07D 11/00**  
[25] EN  
[54] **AN ARRANGEMENT FOR**  
**HANDLING BANKNOTES**  
[54] **DISPOSITIF DESTINE A LA**  
**MANIPULATION DE BILLETS DE**  
**BANQUE**  
[72] WENNERSTEN, PIRJO RIITTA, SE  
[72] WENNERSTEN, LARS HARRY, SE  
[71] CASH AND CHANGE CONTROL  
SWEDEN AB, SE  
[85] 1999-08-09  
[86] 1998-02-10 (PCT/SE98/00228)  
[87] 1998-08-13 (WO98/35324)  
[30] SE (9700468-3) 1997-02-11

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[21] **2,280,053**  
[13] A1  
[51] **Int.Cl. 6B05B 11/00 6B65D 47/34**  
[25] EN  
[54] **A DISPENSING APPARATUS**  
[54] **DISTRIBUTEUR**  
[72] BAMPTON, MARK DAVID, GB  
[71] BESPAC PLC, GB  
[85] 1999-08-09  
[86] 1998-02-10 (PCT/GB98/00401)  
[87] 1998-08-13 (WO98/34732)  
[30] GB (9702688.4) 1997-02-10

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[21] **2,280,054**  
[13] A1  
[51] **Int.Cl. 6H04N 1/32**  
[25] EN  
[54] **METHOD FOR PROCESSING**  
**IMAGES AND DEVICE FOR**  
**IMPLEMENTING SAME**  
[54] **PROCEDE DE TRAITEMENT**  
**D'IMAGES ET DISPOSITIF POUR SA**  
**MISE EN OEUVRE**  
[72] SEREX, PATRICK, CH  
[72] TAWIL-KUMMERMAN, ALAN, CH  
[72] CERUTTI, DANIEL, FR  
[71] FOTOWIRE DEVELOPMENT S.A.,  
CH  
[85] 1999-08-09  
[86] 1998-02-05 (PCT/IB98/00145)  
[87] 1998-08-20 (WO98/36556)  
[30] CH (316/97) 1997-02-13

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[21] **2,280,057**  
[13] A1  
[51] **Int.Cl. 6H03K 19/177**  
[25] EN  
[54] **INTERNAL BUS SYSTEM FOR**  
**DFPS, BUILDING BLOCKS WITH TWO**  
**DIMENSIONAL OR**  
**MULTIDIMENSIONAL**  
**PROGRAMMABLE CELL**  
**STRUCTURES TO HANDLE LARGE**  
**AMOUNTS OF DATA INVOLVING**  
**HIGH NETWORKING**  
**REQUIREMENTS**  
[54] **SYSTEME A BUS INTERNE POUR**  
**DFP (PRODUITS DE LA FONCTION DE**  
**DONNEES), MODULES A**  
**STRUCTURES CELLULAIRES BI- OU**  
**MULTIDIMENSIONNELLES**  
**PROGRAMMABLES, POUR TRAITER**  
**DES VOLUMES IMPORTANT DE**  
**DONNEES A HAUT DEGRE DE**  
**COMPLEXITE EN TERMES DE**  
**RESEAU**  
[72] VORBACH, MARTIN, DE  
[72] MUNCH, ROBERT, DE  
[71] PACK  
INFORMATIONSTECHNOLOGIE GMBH,  
DE  
[85] 1999-08-10  
[86] 1998-02-11 (PCT/DE98/00456)  
[87] 1998-08-13 (WO98/35294)  
[30] DE (197 04 742.4) 1997-02-11

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[21] **2,280,081**  
[13] A1  
[51] **Int.Cl. 6C07J 9/00**  
[25] EN  
[54] **PROCESS FOR THE**  
**PREPARATION OF STANOL ESTERS**  
[54] **PROCEDE POUR PREPARER DES**  
**ESTERS DE STANOL**  
[72] EKBLOM, JARI, FI  
[71] RAISIO BENECOL LTD., FI  
[85] 1999-08-04  
[86] 1998-02-25 (PCT/FI98/00166)  
[87] 1998-09-03 (WO98/38206)  
[30] FI (970802) 1997-02-26

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[21] **2,280,082**  
[13] A1

[51] **Int.Cl. 6D21H 17/29 6B31F 1/12 6D21H 23/56**  
[25] EN  
[54] **CREPING ADHESIVE AND PROCESS FOR CREPING TISSUE PAPER**  
[54] **ADHESIF DE CREPAGE ET PROCEDE PERMETTANT DE CREPER DU PAPIER DE SOIE**  
[72] VINSON, KENNETH DOUGLAS, US  
[72] DEASON, HOWARD THOMAS, US  
[72] HERSKO, BART STEVEN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-08-04  
[86] 1998-02-05 (PCT/US98/02272)  
[87] 1998-08-06 (WO98/33978)  
[30] US (08/795,738) 1997-02-05

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[21] **2,280,083**  
[13] A1

[51] **Int.Cl. 6B01D 50/00**  
[25] EN  
[54] **GAS FILTER SEPARATOR/ COALESCER AND MULTI-STAGE VESSEL**  
[54] **FILTRE SEPARATEUR/ COALESCEUR DE GAZ ET RECIPIENT MULTI-ETAGES**  
[72] VON PHUL, STEPHEN A., US  
[72] PERRY, MARNEY DUNMAN JR., US  
[72] BURNS, DAVID J., US  
[72] KROGUE, JOHN A., US  
[71] PERRY EQUIPMENT CORPORATION, US  
[85] 1999-08-04  
[86] 1998-02-02 (PCT/US98/01963)  
[87] 1998-08-06 (WO98/33578)  
[30] US (60/037,288) 1997-02-04  
[30] US (09/017,359) 1998-02-02

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[21] **2,280,084**  
[13] A1

[51] **Int.Cl. 6C09K 3/10**  
[25] EN  
[54] **SEALING COMPOUND AND ITS USE FOR PRODUCING PRESSURE-TIGHT CONTAINERS**  
[54] **COMPOSE D'ETANCHEITE ET UTILISATION DE CE DERNIER POUR PRODUIRE DES RECIPIENTS ETANCHES A LA PRESSION**  
[72] PETERS, JENS, DE  
[72] NUSSEN, PETER, DE  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 1999-08-04  
[86] 1998-02-04 (PCT/EP98/00604)  
[87] 1998-08-13 (WO98/34993)  
[30] DE (197 04 810.2) 1997-02-08

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[21] **2,280,085**  
[13] A1

[51] **Int.Cl. 6G02B 6/26**  
[25] EN  
[54] **LUMINAIRE DEVICE**  
[54] **DISPOSITIF D'ECLAIRAGE**  
[72] WINSTON, ROLAND, US  
[72] EMMONS, ROBERT M., US  
[72] JACOBSON, BENJAMIN A., US  
[72] GLECKMAN, PHILIP, US  
[72] HOLMAN, ROBERT L., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1999-08-04  
[86] 1998-01-13 (PCT/US98/00632)  
[87] 1998-07-30 (WO98/33006)  
[30] US (08/783,212) 1997-01-13

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[21] **2,280,086**  
[13] A1

[51] **Int.Cl. 6C12P 7/62 6C12N 1/20**  
[25] EN  
[54] **MICROBIAL METHOD FOR PRODUCING POLYHYDROXY ALKANOATES**  
[54] **PROCEDE MICROBIEN DE PRODUCTION DE POLYHYDROXYALCANOATES**  
[72] LEISSNER, MIKE, DE  
[72] BORMANN, ERNST-JOACHIM, DE  
[72] BERNDT, CHRISTIANE, DE  
[72] METZNER, KLAUS, DE  
[72] CHRISTNER, ARNULF, DE  
[72] GEUTHER, RUDOLF, DE  
[72] HILLIGER, MATHIAS, DE  
[72] ROTH, MARTIN, DE  
[72] PERLET, KARIN, DE  
[71] BUNA SOW LEUNA OLEFINVERBUND GMBH, DE  
[85] 1999-08-04  
[86] 1998-01-27 (PCT/DE98/00233)  
[87] 1998-08-06 (WO98/33931)  
[30] DE (197 04 045.4) 1997-02-04

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[21] **2,280,087**  
[13] A1

[51] **Int.Cl. 6G01N 1/28 6G02B 21/34**  
[25] EN  
[54] **LASER CAPTURE MICRODISSECTION ANALYSIS VESSEL**  
[54] **RECIPIENT D'ANALYSE POUR LA MICRODISSECTION A CAPTURE AU LASER**  
[72] HEAD, DAVID F., US  
[72] BAER, THOMAS M., US  
[71] ARCTURUS ENGINEERING, INC., US  
[85] 1999-08-04  
[86] 1998-01-22 (PCT/US98/01285)  
[87] 1998-08-13 (WO98/35215)  
[30] US (08/797,026) 1997-02-07

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[21] **2,280,089**

[13] A1

[51] **Int.Cl. 6A61K 31/557 6A61K 9/00**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR REDUCING OCULAR HYPERTENSION**

[54] **COMPOSITIONS ET PROCEDES POUR REDUIRE L'HYPERTENSION OCULAIRE**

[72] PEACOCK, REGINA FLINN, US  
[72] REED, KENNETH WARREN, US

[72] SOU, MARY, US  
[72] YEN, SHAU-FONG, US

[71] NOVARTIS AG, CH

[85] 1999-08-04

[86] 1998-03-13 (PCT/EP98/01483)

[87] 1998-09-24 (WO98/41208)

[30] US (08/819,221) 1997-03-17

[21] **2,280,091**

[13] A1

[51] **Int.Cl. 6B29C 59/02 6B65D 33/00 6B65B 61/20**

[25] EN

[54] **PROCESS OF ROUGHENING THERMOPLASTIC FILMS AND ROUGHED PLASTIC FILMS**

[54] **PROCEDE POUR RENDRE RUGUEUX DES FILMS THERMOPLASTIQUES ET FILMS PLASTIQUES AINSI OBTENUS**

[72] MANDZSU, JOZSEF SR., HU

[72] MANDZSU, JOZSEF JR., HU

[72] MANDZSU, ZOLTAN, HU

[71] MANDZSU, JOZSEF SR., HU

[71] MANDZSU, JOZSEF JR., HU

[71] MANDZSU, ZOLTAN, HU

[85] 1999-08-04

[86] 1998-01-27 (PCT/HU98/00010)

[87] 1998-08-13 (WO98/34775)

[30] HU (P 97 00352) 1997-02-05

[30] HU (P 97 01070) 1997-06-19

[21] **2,280,093**

[13] A1

[51] **Int.Cl. 6A61K 31/07 6C07C 57/00 6C07D 311/00 6C07D 345/00 6A61K 33/06 6C07C 39/12 6A61K 33/24 6A61K 31/255 6A61K 33/30 6A61K 33/32 6A61K 31/355 6A61K 31/375 6A61K 31/70 6A61K 35/78**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR PREVENTION AND TREATMENT OF VASCULAR DEGENERATIVE DISEASES**

[54] **COMPOSITIONS ET PROCEDES DESTINES A LA PREVENTION ET AU TRAITEMENT DE MALADIES DEGENERATIVES VASCULAIRES**

[72] KOSBAB, JOHN V., US

[71] KOSBAB, JOHN V., US

[85] 1999-08-04

[86] 1998-02-04 (PCT/US98/02005)

[87] 1998-08-06 (WO98/33494)

[30] US (60/037,084) 1997-02-04

[30] US (60/043,262) 1997-04-17

[21] **2,280,090**

[13] A1

[51] **Int.Cl. 6G10H 3/00 6G10H 3/08**

[25] EN

[54] **HIGH INDUCTANCE ELECTROMAGNETIC PICKUP FOR STRINGED MUSICAL INSTRUMENTS**  
[54] **TRANSDUCTEUR ELECTROMAGNETIQUE A INDUCTANCE ELEVEE, POUR INSTRUMENTS A CORDES**

[72] ALTILIO, MICHAEL T., US  
[72] BLUCHER, STEVEN L., US  
[71] DIMARZIO INC., US

[85] 1999-08-04

[86] 1998-02-11 (PCT/US98/03398)

[87] 1998-09-03 (WO98/38630)

[30] US (08/807,060) 1997-02-27

[21] **2,280,092**

[13] A1

[51] **Int.Cl. 6B29C 47/88 6B29C 49/00**

[25] EN

[54] **METHOD AND APPARATUS OF COOLING PRODUCT WITHIN A MOLD**  
[54] **PROCEDE ET DISPOSITIF DE REFROIDISSEMENT DE PRODUIT DANS UN MOULE**

[72] LUPKE, MANFRED A.A., CA

[72] LUPKE, STEFAN A., CA

[71] LUPKE, MANFRED A.A., CA

[71] LUPKE, STEFAN A., CA

[85] 1999-08-04

[86] 1998-03-09 (PCT/CA98/00189)

[87] 1998-09-17 (WO98/40198)

[30] US (08/815,603) 1997-03-12

[21] **2,280,095**

[13] A1

[51] **Int.Cl. 6F16F 9/34**

[25] EN

[54] **ACCELERATION SENSITIVE SHOCK ABSORBER**

[54] **AMORTISSEUR SENSIBLE A L'ECOULEMENT ET A L'ACCELERATION AVEC REGULATION SUPPLEMENTAIRE DU DEBIT**

[72] RICHARDSON, DONALD G., US

[72] SHIRLEY, DAVID A., US

[71] RICOR RACING AND DEVELOPMENT, L.P., US

[85] 1999-08-04

[86] 1998-02-02 (PCT/US98/01456)

[87] 1998-08-06 (WO98/34044)

[30] US (08/795,469) 1997-02-04

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[21] **2,280,096**  
[13] A1

[51] **Int.Cl. 6C07D 413/12 6C07D 413/14 6A61K 31/41 6C07D 209/48 6C07D 263/58 6C07D 317/58**

[25] EN

[54] **NANOMOLAR, NON-PEPTIDE INHIBITORS OF CATHEPSIN D**

[54] **INHIBITEURS DE CATHEPSINE D NANOMOLAIRES ET NON PEPTIDIQUES**

[72] LIU, GUANGCHENG, US

[72] LEE, CHRISTINA E., US

[72] KICK, ELLEN K., US

[72] ELLMAN, JONATHAN A., US

[72] KUNTZ, ERWIN D., US

[72] ROE, DIANA C., US

[72] SKILLMAN, A. GEOFFREY, US

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

[85] 1999-08-04

[86] 1998-02-03 (PCT/US98/02199)

[87] 1998-08-06 (WO98/33795)

[30] US (60/036,903) 1997-02-04

[21] **2,280,097**  
[13] A1

[51] **Int.Cl. 6A61K 31/70 6C07K 7/00 6C07K 14/00 6C07H 21/04 6C12N 15/12 6A61K 38/17 6G01N 33/53 6C12Q 1/68**

[25] EN

[54] **USE OF THE P-TEN SUPPRESSOR GENE IN DIAGNOSIS AND TREATMENT OF CANCER**

[54] **UTILISATION DU GENE SUPPRESSEUR DE TUMEUR P-TEN DANS LE DIAGNOSTIC ET LE TRAITEMENT DE CANCER**

[72] WIGLER, MICHAEL H., US

[72] PARSONS, RAMON E., US

[71] COLD SPRING HARBOR LABORATORY, US

[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US

[85] 1999-08-04

[86] 1998-02-06 (PCT/US98/02615)

[87] 1998-08-13 (WO98/34624)

[30] US (60/036,943) 1997-02-07

[21] **2,280,098**  
[13] A1

[51] **Int.Cl. 6C07F 5/02 6C07F 9/54**

[25] EN

[54] **PROCESS FOR PRODUCING BORON COMPOUNDS**

[54] **PROCEDE DE PRODUCTION DE COMPOSES AU BORE**

[72] KATO, TSUYOSHI, JP

[72] YAMADA, MORIHIKO, JP

[71] SHOWA DENKO K.K., JP

[85] 1999-08-04

[86] 1998-02-05 (PCT/JP98/00477)

[87] 1998-08-13 (WO98/34938)

[30] JP (9-23930) 1997-02-06

[21] **2,280,099**  
[13] A1

[51] **Int.Cl. 6C09K 3/30 6A61K 9/12**

[25] EN

[54] **MEDICAL AEROSOL FORMULATIONS**

[54] **FORMULATIONS MEDICALES POUR AEROSOLS**

[72] HERZOG, KURT, CH

[72] KELLER, MANFRED, DE

[71] JAGO PHARMA AG, CH

[85] 1999-08-04

[86] 1998-02-02 (PCT/CH98/00037)

[87] 1998-08-13 (WO98/34595)

[30] CH (248/97) 1997-02-05

[21] **2,280,100**  
[13] A1

[51] **Int.Cl. 6C07D 491/22 6A61K 31/44**

[25] EN

[54] **ALKYNYL-SUBSTITUTED CAMPTOTHECINS AND PROCESS FOR THEIR PREPARATION**

[54] **CAMPTOTHECINES A SUBSTITUTION ALKYNYL ET LEUR PROCEDE DE PREPARATION**

[72] FAGNOLA, MARIA CHIARA, IT

[72] CANDIANI, LLARIA, IT

[72] BEDESCHI, ANGELO, IT

[72] CAPOLONGO, LAURA, IT

[72] VISENTI, GIUSEPPINA, IT

[71] PHARMACIA & UPJOHN S.P.A., IT

[85] 1999-08-04

[86] 1998-02-04 (PCT/EP98/00649)

[87] 1998-08-20 (WO98/35969)

[30] GB (9702807.0) 1997-02-12

[21] **2,280,112**  
[13] A1

[51] **Int.Cl. 6B05B 12/00 6B05B 12/14**

[25] EN

[54] **METHOD AND DEVICE FOR FEEDING A CONTROLLED VOLUME FLOW OF LIQUID TO A SPRAY NOZZLE**

[54] **PROCEDE ET DISPOSITIF DESTINES A ACHEMINER UN FLUX DE LIQUIDE A VOLUME REGULE VERS UNE BUSE DE PULVERISATION**

[72] ANFINDSEN, OLE ARNT, NO

[71] ABB FLEXIBLE AUTOMATION A/S, NO

[85] 1999-08-09

[86] 1997-11-26 (PCT/IB97/01481)

[87] 1998-08-20 (WO98/35761)

[30] SE (9700543-3) 1997-02-17

[21] **2,280,115**  
[13] A1

[51] **Int.Cl. 6C08K 3/08 6B05D 5/12 6C08L 23/26 6B05D 1/32**

[25] EN

[54] **LOW TEMPERATURE METHOD AND COMPOSITIONS FOR PRODUCING ELECTRICAL CONDUCTORS**

[54] **PROCEDE ET COMPOSITIONS A BASSE TEMPERATURE POUR LA PRODUCTION DE CONDUCTEURS ELECTRIQUES**

[72] JABLONSKI, GREGORY A., US

[72] KYDD, PAUL H., US

[72] RICHARD, DAVID L., US

[71] PARTNERSHIPS LIMITED, INC., US

[85] 1999-08-09

[86] 1997-09-12 (PCT/US97/16226)

[87] 1998-08-27 (WO98/37133)

[30] US (60/038,669) 1997-02-20

[30] US (60/038,514) 1997-02-20

[30] US (60/038,670) 1997-02-20

[30] US (60/038,453) 1997-02-20

[30] US (60/046,552) 1997-05-15

[30] US (60/046,541) 1997-05-15

[30] US (60/046,540) 1997-05-15

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[21] **2,280,117**  
[13] A1  
[51] **Int.Cl. 6A61M 31/00**  
[25] EN  
[54] **APPARATUS FOR REMOVAL OF MATERIAL FROM STENTS**  
[54] **APPAREIL D'EXTRACTION DE MATIERE DE PROTHESES ENDOVASCULAIRES**  
[72] WILLIAMS, RONALD G., US  
[72] PATTERSON, GREG R., US  
[72] LEARY, JAMES J., US  
[71] PROLIFIX MEDICAL, INC., US  
[85] 1999-08-09  
[86] 1998-02-11 (PCT/US98/03018)  
[87] 1998-08-13 (WO98/34673)  
[30] US (08/798,722) 1997-02-12  
[30] US (08/857,659) 1997-05-16

[21] **2,280,119**  
[13] A1  
[51] **Int.Cl. 6A61F 2/32 6A61B 17/16 6A61F 2/46**  
[25] EN  
[54] **HIP PROSTHESIS AND METHOD FOR FITTING SUCH HIP PROSTHESIS**  
[54] **PROTHESE DE LA HANCHE ET SON PROCEDE D'INSTALLATION**  
[72] KRIEK, HANS RUDOLF, NL  
[71] NOVARTICULATE B.V., NL  
[85] 1999-08-09  
[86] 1998-02-10 (PCT/NL98/00084)  
[87] 1998-08-13 (WO98/34567)  
[30] NL (1005234) 1997-02-10

[21] **2,280,121**  
[13] A1  
[51] **Int.Cl. 6B23C 5/20**  
[25] EN  
[54] **CUTTING INSERT AND MILLING TOOL**  
[54] **PLAQUETTE DE COUPE ET OUTIL DE FRAISAGE**  
[72] BÄR, JURGEN, DE  
[72] GESELL, REINHOLD, DE  
[72] HEINLOTH, MARKUS, DE  
[71] WIDIA GMBH, DE  
[85] 1999-08-09  
[86] 1998-02-03 (PCT/DE98/00310)  
[87] 1998-08-13 (WO98/34747)  
[30] DE (197 04 931.1) 1997-02-10  
[30] DE (197 36 379.2) 1997-08-21

[21] **2,280,123**  
[13] A1  
[51] **Int.Cl. 6A47K 10/16 6A47K 10/42**  
[25] EN  
[54] **WET WIPES HAVING IMPROVED PICK-UP, DISPENSATION AND SEPARATION FROM THE STACK**  
[54] **SERVIETTES HUMIDES POUVANT ETRE SAISIES, DISTRIBUEES ET SEPARÉES D'UNE PILE PLUS FACILEMENT**  
[72] BITOWFT, BRUCE KEVIN, US  
[72] BAUER, RAINER RICHARD BERND, DE  
[72] SOON, SEE-AUN, DE  
[72] BOGANDANSKI, MICHAEL SCOTT, DE  
[72] FRANK, MARTIN WERNER, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-08-09  
[86] 1998-02-05 (PCT/US98/02379)  
[87] 1998-08-13 (WO98/34781)  
[30] EP (97102156.3) 1997-02-11

[21] **2,280,127**  
[13] A1  
[51] **Int.Cl. 6C25D 3/10**  
[25] EN  
[54] **CHROMIUM PLATING FROM BATHS CATALYZED WITH ALKANEDISULFONIC-ALKANESULFONIC COMPOUNDS WITH INHIBITORS SUCH AS AMINEALKANESULFONIC AND HETEROCYCLIC BASES**  
[54] **CHROMAGE A PARTIR DE BAINS CATALYSES PAR DES COMPOSES ALCANEDISULFONIQUE-ALCANESULFONIQUES COMPORTANT DES INHIBITEURS TELS QUE DES BASES AMINOALCANESULFONIQUES ET HETEROCYCLIQUES**  
[72] FREDIANI, LIDO, IT  
[72] MERELLO, GIOVANNI, IT  
[71] LUIGI STOPPANI S.P.A., IT  
[85] 1999-08-09  
[86] 1998-02-11 (PCT/EP98/00762)  
[87] 1998-08-20 (WO98/36108)  
[30] EP (97830050.7) 1997-02-12  
[30] EP (97107909.9) 1997-05-15  
[30] EP (97109366.1) 1997-06-10

[21] **2,280,128**  
[13] A1  
[51] **Int.Cl. 6H01L 27/088 6H01L 21/8234**  
[25] EN  
[54] **RADIO ARCHITECTURE**  
[54] **ARCHITECTURE DE RADIO**  
[72] MATTISSON, SVEN ERIK, SE  
[72] LITWIN, ANDREJ, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-08-04  
[86] 1998-01-26 (PCT/EP98/00422)  
[87] 1998-08-13 (WO98/35386)  
[30] GB (9702375.8) 1997-02-05

[21] **2,280,129**  
[13] A1  
[51] **Int.Cl. 6B04B 5/04 6B01L 3/14**  
[25] EN  
[54] **CELL WASHING DEVICE AND METHOD**  
[54] **DISPOSITIF DE LAVAGE DE CELLULES ET PROCEDE ASSOCIE**  
[72] VAN VLASSELAER, PETER, US  
[72] HASAN, SHIRIN W., US  
[71] DENDREON CORPORATION, US  
[85] 1999-08-04  
[86] 1998-02-13 (PCT/US98/02661)  
[87] 1998-08-20 (WO98/35758)  
[30] US (08/800,687) 1997-02-14

[21] **2,280,130**  
[13] A1  
[51] **Int.Cl. 6A61K 31/70 6A61K 9/14**  
[25] EN  
[54] **FREEZE-DRIED COMPOSITION CONTAINING GLYCOSPHINGOLIPID AND PROCESS FOR PRODUCING THE SAME**  
[54] **COMPOSITION LYOPHYLISEE A BASE DE GLYCOSPHINGOLIPIDE ET PROCEDE DE FABRICATION**  
[72] MARUYAMA, KAZUTOSHI, JP  
[72] TAKEUCHI, AKIHIKO, JP  
[72] NOMURA, HIDEAKI, JP  
[71] KIRIN BEER KABUSHIKI KAISHA, JP  
[85] 1999-08-04  
[86] 1998-02-04 (PCT/JP98/00462)  
[87] 1998-08-13 (WO98/34623)  
[30] JP (22585/1997) 1997-02-05

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<p style="text-align: center;">[21] <b>2,280,131</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 29/00</b> [25] EN [54] <b>NON-FORESHORTENING INTRALUMINAL PROSTHESIS</b> [54] <b>PROTHESE INTRALUMINALE NON SUSCEPTIBLE DE RACCOURCIR</b> [72] ROUBIN, GARY S., US [72] WHITE, GEOFFREY HAMILTON, AU [72] VIDAL, CLAUDE A., US [72] REDMOND, RUSSELL J., US [72] IYER, SRIRAM, S., US [71] CORNERSTONE DEVICES, INC., US [85] 1999-08-04 [86] 1998-02-04 (PCT/US98/02175) [87] 1998-08-13 (WO98/34668) [30] US (08/797,814) 1997-02-07</p>	<p style="text-align: center;">[21] <b>2,280,134</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/55 6C07K 5/06</b> [25] EN [54] <b>SELECTIVE MMP INHIBITORS HAVING REDUCED SIDE-EFFECTS</b> [54] <b>INHIBITEURS SELECTIFS DE LA METALLOPROTEASE MATRICIELLE PRESENTANT DES EFFETS SECONDAIRES REDUITS</b> [72] OWEN, DAVID ALAN, GB [72] MONTANA, JOHN GARY, GB [72] BIRD, JOHN, GB [72] WILLS, RUTH ELIZABETH, GB [72] BAXTER, ANDREW DOUGLAS, GB [71] DARWIN DISCOVERY LIMITED, GB [85] 1999-08-04 [86] 1998-03-03 (PCT/GB98/00659) [87] 1998-09-11 (WO98/39024) [30] GB (9704350.9) 1997-03-03 [30] GB (9802622.2) 1998-02-06</p>	<p style="text-align: center;">[21] <b>2,280,140</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/44</b> [25] EN [54] <b>METHODS AND COMPOSITIONS FOR TREATING ALLERGIC ASTHMA AND OTHER DISORDERS USING DESCARBOETHOXYLORATADINE</b> [54] <b>PROCEDE ET COMPOSITIONS DESTINES AU TRAITEMENT D'ASTHME ALLERGIQUE ET D'AUTRES AFFECTIIONS AU MOYEN DE DESCARBOETHOXYLORATADINE</b> [72] RUBIN, PAUL D., US [72] HANDLEY, DEAN A., US [71] SEPRACOR, INC., US [85] 1999-08-10 [86] 1998-02-10 (PCT/US98/02564) [87] 1998-08-13 (WO98/34611) [30] US (08/799,605) 1997-02-11</p>
<p style="text-align: center;">[21] <b>2,280,132</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 317/70 6C07F 9/02</b> [25] EN [54] <b>NOVEL SYNTHESIS OF MYO-INOSITOL PHOSPHATES</b> [54] <b>NOUVEAU PROCEDE DE SYNTHESE DE MYO-INOSITOL PHOSPHATES</b> [72] LEUNG, LAWRENCE, US [72] BITTMAN, ROBERT, US [71] THE RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK, US [85] 1999-08-04 [86] 1998-02-04 (PCT/US98/02205) [87] 1998-08-06 (WO98/33790) [30] US (08/794,957) 1997-02-04</p>	<p style="text-align: center;">[21] <b>2,280,135</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/445</b> [25] EN [54] <b>THE USE OF LEVOBUPIVACAINE OR ROPIVACAINE IN TREATING MIGRAINE</b> [54] <b>UTILISATION DE LA LEVOBUPIVACAINE OU DE LA ROPIVACAINE DANS LE TRAITEMENT DE LA MIGRAINE</b> [72] GUNNING, SIMON JOHN, GB [72] EVETTS, IAN ASHLEY, GB [71] DARWIN DISCOVERY LIMITED, GB [85] 1999-08-04 [86] 1998-03-03 (PCT/GB98/00662) [87] 1998-09-11 (WO98/38998) [30] GB (9704349.1) 1997-03-03</p>	<p style="text-align: center;">[21] <b>2,280,142</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G08C 17/02 6H04B 1/04</b> [25] EN [54] <b>DEVICE AND METHOD FOR PRODUCING CODED HIGH-FREQUENCY SIGNALS</b> [54] <b>DISPOSITIF ET PROCEDE POUR PRODUIRE DES SIGNAUX HAUTE FREQUENCE CODES</b> [72] SCHMIDT, FRANK, DE [72] KAMMERL, FRANZ, DE [72] OSTERTAG, THOMAS, DE [72] SCHOLL, GERD, DE [72] GERLACH, HORST, DE [72] BULST, WOLF-ECKHART, DE [71] SIEMENS AKTIENGESSELLSCHAFT, DE [85] 1999-08-10 [86] 1998-02-12 (PCT/DE98/00403) [87] 1998-08-20 (WO98/36395) [30] DE (197 05 341.6) 1997-02-12 [30] DE (197 15 727.0) 1997-04-15 [30] DE (197 15 728.9) 1997-04-15</p>
<p style="text-align: center;">[21] <b>2,280,133</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 49/00</b> [25] EN [54] <b>METHOD FOR DETECTING ABNORMAL EPITHELIAL CELL SHEDDING</b> [54] <b>METHODE DE DETECTION D'ELIMINATION ANORMALE DE CELLULES EPITHELIALES</b> [72] TADA, MASAHIRO, JP [71] PHANOS TECHNOLOGIES, INC., US [85] 1999-08-04 [86] 1997-02-04 (PCT/US97/01897) [87] 1998-08-06 (WO98/33530)</p>	<p style="text-align: center;">[21] <b>2,280,138</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E04B 2/74 6F16B 15/00</b> [25] EN [54] <b>SINGLE PIECE CLIP FOR SUSPENDING WALL BOARD</b> [54] <b>ATTACHE D'UN SEUL TENANT DESTINEE A SUSPENDRE UNE CLOISON MURALE</b> [72] AGAR, ROBERT S., CA [71] AGAR, ROBERT S., CA [85] 1999-08-04 [86] 1997-02-12 (PCT/IB97/00356) [87] 1998-08-20 (WO98/36137)</p>	

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[21] **2,280,143**  
[13] A1  
[51] **Int.Cl. 6G08B 13/24 6H01F 1/00 6H01F 1/04 6G08B 13/14**  
[25] EN  
[54] **ACTIVE ELEMENT FOR MAGNETOMECHANICAL EAS MARKER INCORPORATING PARTICLES OF BIAS MATERIAL**  
[54] **ELEMENT ACTIF POUR MARQUEUR MAGNETOMECHANIQUE, UTILISABLE DANS UN SYSTEME ELECTRONIQUE DE SURVEILLANCE D'ARTICLES (EAS), RENFERMANT DES PARTICULES DE MATERIAU DE POLARISATION**  
[72] LIAN, MING-REN, US  
[72] O'HANDLEY, ROBERT C., US  
[71] SENSORMATIC ELECTRONICS CORPORATION, US  
[85] 1999-08-10  
[86] 1998-02-04 (PCT/US98/02085)  
[87] 1998-09-03 (WO98/38606)  
[30] US (08/800,772) 1997-02-14

[21] **2,280,144**  
[13] A1  
[51] **Int.Cl. 6E05B 65/19 6E05B 47/00 6E05B 65/32 6E05B 65/36**  
[25] EN  
[54] **LATCH ARRANGEMENTS FOR AUTOMOTIVE DOORS OR OTHER CLOSURES**  
[54] **MONTAGES DE VERROU DESTINES A DES PORTIERES D'AUTOMOBILES OU A D'AUTRES DISPOSITIFS DE FERMETURE**  
[72] CHEVALIER, JOHN PHILLIP, GB  
[71] CHEVALIER, JOHN PHILLIP, GB  
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[87] 1998-06-25 (WO98/27301)

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[13] A1  
[51] **Int.Cl. 6A01H 1/00 6A01G 7/00 6A01H 1/02 6A01H 1/04 6A01H 1/08**  
[25] EN  
[54] **METHODS FOR PRODUCING APOMICTIC PLANTS**  
[54] **PROCEDES SERVANT A PRODUIRE DES PLANTES APOMICTIQUES**  
[72] CARMAN, JOHN G., US  
[71] UTAH STATE UNIVERSITY, US  
[85] 1999-08-04  
[86] 1998-02-05 (PCT/US98/02034)  
[87] 1998-08-06 (WO98/33374)  
[30] US (60/037,211) 1997-02-05

[21] **2,280,147**  
[13] A1  
[51] **Int.Cl. 6H04L 1/22**  
[25] EN  
[54] **REDUNDANCY ARRANGEMENT FOR TELECOMMUNICATIONS SYSTEM**  
[54] **CONFIGURATION REDONDANTE POUR SYSTEME DE TELECOMMUNICATIONS**  
[72] KICKLIGHTER, KEVIN C., US  
[71] EXCEL SWITCHING CORPORATION, US  
[85] 1999-08-10  
[86] 1998-02-03 (PCT/US98/01867)  
[87] 1998-08-13 (WO98/35471)  
[30] US (08/798,603) 1997-02-11

[21] **2,280,148**  
[13] A1  
[51] **Int.Cl. 6G08B 13/14**  
[25] EN  
[54] **MAGNETOSTRICTIVE ELEMENT HAVING OPTIMIZED BIAS-FIELD-DEPENDENT RESONANT FREQUENCY CHARACTERISTIC**  
[54] **ELEMENT A MAGNETOSTRICTION PRESENTANT UNE CARACTERISTIQUE OPTIMISEE DE FREQUENCE DE RESONANCE DEPENDANT DU CHAMP DE POLARISATION**  
[72] HO, WING, US  
[72] LIAN, MING-REN, US  
[72] COPELAND, RICHARD, US  
[72] LIU, NEN-CHIN, US  
[72] O'HANDLEY, ROBERT C., US  
[72] COFFEY, KEVIN R., US  
[71] SENSORMATIC ELECTRONICS CORPORATION, US  
[85] 1999-08-10  
[86] 1998-02-04 (PCT/US98/00072)  
[87] 1998-08-20 (WO98/36392)  
[30] US (08/800,771) 1997-02-14

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[13] A1  
[51] **Int.Cl. 6B65D 83/04 6A61J 1/03**  
[25] EN  
[54] **PILL DISPENSING SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION DE PILULES**  
[72] WILLIAMS, JEFFREY P., US  
[72] POTEPALOU, GALINA, US  
[72] DOLORES, ALLAN, US  
[72] BERGERON, MICHAEL, US  
[71] MCKESSON AUTOMATED PRESCRIPTION SYSTEMS, INC., US  
[85] 1999-08-04  
[86] 1998-12-07 (PCT/US98/25941)  
[87] 1999-06-17 (WO99/29467)  
[30] US (08/986,247) 1997-12-05  
[30] US (08/986,665) 1997-12-08  
[30] US (09/205,246) 1998-12-04

[21] **2,280,150**  
[13] A1  
[51] **Int.Cl. 6G07F 7/10 6H04Q 7/32**  
[25] EN  
[54] **REMOVABLE DATA STORE**  
[54] **MEMOIRE DE DONNEES POUR STATION RADIO MOBILE**  
[72] FORD, PETER, GB  
[71] ORANGE PERSONAL COMMUNICATIONS SERVICES LIMITED, GB  
[85] 1999-08-04  
[86] 1998-01-19 (PCT/GB98/00153)  
[87] 1998-08-13 (WO98/35516)  
[30] GB (9702789.0) 1997-02-11

[21] **2,280,153**  
[13] A1  
[51] **Int.Cl. 6B65D 1/02 6B65D 1/46**  
[25] EN  
[54] **THIN-WALLED PLASTIC CONTAINER WITH REINFORCING RIBS**  
[54] **RECIPIENT EN PLASTIQUE AUX PAROIS FINES DOTE DE NERVURES DE RENFORT**  
[72] EITEN, CARL THOMAS, US  
[71] DEAN FOODS COMPANY, US  
[85] 1999-08-04  
[86] 1998-02-04 (PCT/US98/02173)  
[87] 1998-08-06 (WO98/33712)  
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[13] A1

[51] **Int.Cl. 6G01N 21/76 6G01N 33/48 6C12Q 1/68**  
[25] EN  
[54] **MULTIPLE ASSAYS OF CELL SPECIMENS**  
[54] **DOSAGES MULTIPLES D'ECHANTILLONS DE CELLULES**  
[72] KAMENSKY, LEE D., US  
[72] BURGER, DOUGLAS E., US  
[72] LUTHER, ED, US  
[72] KAMENSKY, LOUIS A., US  
[72] GERSHMAN, RUSSELL J., US  
[71] COMPUCYTE CORP., US  
[85] 1999-08-10  
[86] 1998-02-10 (PCT/US98/02973)  
[87] 1998-08-13 (WO98/35223)  
[30] US (08/798,488) 1997-02-10

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[21] **2,280,156**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07H 21/04 6C12P 19/34**  
[25] EN  
[54] **CLASS I SEQUENCE BASED TYPING OF HLA-A, -B, AND -C ALLELES BY DIRECT DNA SEQUENCING**  
[54] **TYPAGE DE LA CLASSE 1 BASE SUR LA SEQUENCE DES ALLELES HLA-A, B ET C PAR SEQUENCAGE DIRECT DE L'ADN**  
[72] HILDEBRAND, WILLIAM H., US  
[72] ELLEXSON, MARY, US  
[72] DUTHIE, R. SCOTT, US  
[72] CHRETIEN, PIERRE, CA  
[71] HILDEBRAND, WILLIAM H., US  
[71] ELLEXSON, MARY, US  
[71] DUTHIE, R. SCOTT, US  
[71] CHRETIEN, PIERRE, CA  
[85] 1999-08-10  
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[87] 1998-08-13 (WO98/35059)  
[30] US (60/037,054) 1997-02-11

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[13] A1

[51] **Int.Cl. 6E05B 65/32 6E05B 47/00 6E05B 65/36**  
[25] EN  
[54] **VEHICLE DOOR LOCKING SYSTEM WITH SEPARATE POWER OPERATED INNER DOOR AND OUTER DOOR LOCKING MECHANISMS**  
[54] **SYSTEME DE VERROUILLAGE POUR PORTIERE DE VEHICULE AVEC MECANISMES ELECTRIQUES DE VERROUILLAGE INTERIEUR ET EXTERIEUR DE LA PORTIERE**  
[72] CETNAR, ROMAN, CA  
[72] FROMMER, THOMAS P., CA  
[71] ATOMA INTERNATIONAL CORP., CA  
[85] 1999-08-04  
[86] 1998-02-04 (PCT/CA98/00058)  
[87] 1998-08-06 (WO98/33998)  
[30] US (60/036,850) 1997-02-04

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[13] A1

[51] **Int.Cl. 6C08K 5/34 6C08L 55/02 6C08L 23/10**  
[25] EN  
[54] **PLASTICS COMPOSITION HAVING IMPROVED WEATHER RESISTANCE**  
[54] **COMPOSITION DE MATIERES PLASTIQUES PRESENTANT UNE RESISTANCE ACCRUE AUX INTEMPERIES**  
[72] GIJSMAN, PIETER, NL  
[71] DSM N.V., NL  
[85] 1999-08-10  
[86] 1998-02-12 (PCT/NL98/00088)  
[87] 1998-08-20 (WO98/36023)  
[30] NL (1005254) 1997-02-12

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[13] A1

[51] **Int.Cl. 6B65B 3/18 6B65B 31/00 6B65D 51/16 6B65B 3/26**  
[25] EN  
[54] **SEAL FOR FILLER NECK CLOSURE ASSEMBLY**  
[54] **JOINT POUR ENSEMBLE FERMETURE/GOULOT DE REMPLISSAGE**  
[72] ABNEY, WILLIAM III, US  
[72] HARRIS, ROBERT S., US  
[72] FOLTZ, DEAN C., US  
[71] STANT MANUFACTURING INC., US  
[85] 1999-08-10  
[86] 1998-02-11 (PCT/US98/02876)  
[87] 1998-08-13 (WO98/34833)  
[30] US (60/040,247) 1997-02-11  
[30] US (60/056,286) 1997-09-03

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[21] **2,280,161**  
[13] A1

[51] **Int.Cl. 6H04N 5/21 6H04N 7/04 6H04N 5/44**  
[25] EN  
[54] **VSF ENCODER AND RF MODULATOR FOR DIGITAL TELEVISION RECEIVER**  
[54] **CODEUR BLA ET MODULATEUR RF POUR RECEPTEUR DE TELEVISION NUMERIQUE**  
[72] HAUGE, RAYMOND C., US  
[72] CITTA, RICHARD W., US  
[72] SNOPOK, PAUL ADAM, US  
[71] ZENITH ELECTRONICS CORPORATION, US  
[85] 1999-08-04  
[86] 1999-01-06 (PCT/US99/00130)  
[87] 1999-08-12 (WO99/40721)  
[30] US (09/020,274) 1998-02-06

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[13] A1

[51] **Int.Cl. 6F16T 1/38**  
[25] EN  
[54] **A FLUID FLOW DISTRIBUTOR**  
[54] **DISTRIBUTEUR D'ECOULEMENT FLUIDE**  
[72] SOARES, JAIRO LUIZ, BR  
[71] SPIRAX SARCO INDUSTRIA E COMERCIO LTDA., BR  
[85] 1999-08-09  
[86] 1998-02-12 (PCT/BR98/00008)  
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<p style="text-align: right;">[21] <b>2,280,163</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04H 9/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR RECOGNISING VIDEO SEQUENCES</b> [54] <b>RECONNAISSANCE DE SEQUENCES VIDEO</b> [72] HIRZALLA, NAEL, CA [72] MENARD, ROBERT, CA [72] MACLEAN, ROGER, CA [72] STREATCH, PAUL, CA [71] TELEXIS CORPORATION, CA [85] 1999-08-04 [86] 1998-02-05 (PCT/CA98/00069) [87] 1998-08-13 (WO98/35492) [30] CA (2,196,930) 1997-02-06</p>	<p style="text-align: right;">[21] <b>2,280,168</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B22D 41/00 6C21C 5/46</b> [25] EN [54] <b>VESSEL FOR METALLURGICAL PURPOSES</b> [54] <b>CUVE POUR LA METALLURGIE</b> [72] GOHRES, HANS-WERNER, DE [72] DIVJAK, FRANZ-JOSEF, DE [72] KRISTINAT, DETLEF, DE [71] MANNESMANN AKTIENGESELLSCHAFT, DE [85] 1999-08-05 [86] 1998-01-29 (PCT/DE98/00322) [87] 1998-08-13 (WO98/34745) [30] DE (19706056.0) 1997-02-06</p>	<p style="text-align: right;">[21] <b>2,280,173</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01R 23/68</b> [25] EN [54] <b>HIGH SPEED, HIGH DENSITY ELECTRICAL CONNECTOR</b> [54] <b>CONNECTEUR ELECTRIQUE HAUTE DENSITE, HAUTE VITESSE</b> [72] COHEN, THOMAS S., US [72] STOKOE, PHILIP T., US [72] ALLEN, STEVEN J., US [71] TERADYNE, INC., US [85] 1999-08-05 [86] 1998-01-15 (PCT/US98/01168) [87] 1998-08-13 (WO98/35409) [30] US (08/797,537) 1997-02-07</p>
<p style="text-align: right;">[21] <b>2,280,165</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G08B 29/18 6H05B 37/02</b> [25] EN [54] <b>OCCUPANCY SENSOR AND METHOD OF OPERATING SAME</b> [54] <b>CAPTEUR DE PRESENCE ET SON PROCEDE DE FONCTIONNEMENT</b> [72] WILLIAMS, JONATHAN D., US [72] WOYTEK, TIMOTHY W., US [72] WILLIAMS, BRUCE G., US [72] CULLEN, GERARD L., US [72] KONRADI, VADIM A., US [72] FOWLER, JOHN J., US [72] MYRON, DOUGLAS D., US [71] MYTECH CORPORATION, US [85] 1999-08-04 [86] 1998-02-04 (PCT/US98/02010) [87] 1998-08-06 (WO98/34206) [30] US (08/795,327) 1997-02-04 [30] US (08/951,119) 1997-10-15</p>	<p style="text-align: right;">[21] <b>2,280,169</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F23D 14/22</b> [25] EN [54] <b>FUEL COMBUSTION DEVICE AND METHOD</b> [54] <b>PROCEDE ET DISPOSITIF DE COMBUSTION D'UN COMBUSTIBLE</b> [72] VINOGRADOV, JEVGENIJ DIMITRIJEVIC, RU [72] ZACHAROV, JURIJ IVANOVIC, RU [72] VESELY, STANISLAV, RU [72] PETERS, KARL, DE [72] SUDAREV, ANATOLIJ VLADIMIROVIC, RU [72] ZIZOW, ERIK, DE [72] SCHOLZ, KARL-HEINZ, DE [72] POSLUSNY, GUSTAV, RU [71] RUHRGAS AKTIENGESELLSCHAFT, DE [71] EKOL, SPOL SR.O, CZ [85] 1999-06-09 [86] 1998-01-24 (PCT/EP98/00398) [87] 1998-08-13 (WO98/35184) [30] DE (197 04 802.1) 1997-02-08</p>	<p style="text-align: right;">[21] <b>2,280,174</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01R 23/68 6H01R 43/24</b> [25] EN [54] <b>HIGH SPEED, HIGH DENSITY ELECTRICAL CONNECTOR</b> [54] <b>CONNECTEUR ELECTRIQUE HAUTE VITESSE ET HAUTE DENSITE</b> [72] STOKOE, PHILIP T., US [72] McNAMARA, DAVID M., US [72] COHEN, THOMAS S., US [71] TERADYNE, INC., US [85] 1999-08-05 [86] 1998-01-15 (PCT/US98/00725) [87] 1998-08-13 (WO98/35408) [30] US (08/797,540) 1997-02-07</p>
<p style="text-align: right;">[21] <b>2,280,166</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/08</b> [25] EN [54] <b>GRAFT ATTACHMENT DEVICE AND METHOD OF ATTACHMENT</b> [54] <b>DISPOSITIF DE FIXATION ET PROCEDE DE FIXATION DE GREFFE</b> [72] FERRAGAMO, MICHAEL C., US [71] SMITH &amp; NEPHEW, INC., US [85] 1999-08-04 [86] 1998-02-04 (PCT/US98/02011) [87] 1998-08-06 (WO98/33455) [30] US (08/795,947) 1997-02-05</p>	<p style="text-align: right;">[21] <b>2,280,171</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63B 53/12</b> [25] EN [54] <b>METHOD FOR FITTING GOLF CLUBS FOR GOLFERS</b> [54] <b>PROCEDE POUR ADAPTER LES CLUBS DE GOLF AUX GOLFEURS</b> [72] WOOD, DONALD C., US [71] ZEVO GOLF CO., INC., US [85] 1999-08-06 [86] 1998-02-11 (PCT/US98/02240) [87] 1998-08-13 (WO98/34684) [30] US (08/799,072) 1997-02-11</p>	<p style="text-align: right;">[21] <b>2,280,175</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/60 6G06F 9/46</b> [25] EN [54] <b>COMPUTER NETWORK FOR A RETAIL SYSTEM</b> [54] <b>RESEAU D'ORDINATEURS POUR SYSTEME DE MAGASINS DE VENTE AU DETAIL</b> [72] POWELL, KEN R., US [71] POWELL, KEN R., US [85] 1999-08-09 [86] 1998-02-10 (PCT/US98/02623) [87] 1998-08-27 (WO98/37476) [30] US (08/799,688) 1997-02-11</p>

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<p style="text-align: right;">[21] <b>2,280,176</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 45/51</b> [25] EN [54] <b>METHOD FOR PREPARING 3,3-DIMETHYLBUTYRALDEHYDE</b> [54] <b>PROCEDE DE PREPARATION DE 3,3-DIMETHYLBUTYRALDEHYDE</b> [72] KATRITSKY, ALAN R., US [72] PRAKASH, INDRA, US [71] THE NUTRASWEET COMPANY, US [85] 1999-08-05 [86] 1998-02-06 (PCT/US98/00036) [87] 1998-08-13 (WO98/34896) [30] US (08/796,443) 1997-02-10</p>	<p style="text-align: right;">[21] <b>2,280,179</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/165</b> [25] EN [54] <b>ANTI-PARASITIC ACTION OF N,N-DIETHYL-M-TOLUAMIDE (DEET) AND FORMULATIONS THAT PROLONG ITS ACTIVITY IN THE SKIN</b> [54] <b>ACTION ANTI-PARASITES DU N,N-DIETHYL-M-TOLUAMIDE (DEET) ET FORMULATIONS QUI PROLONGENT SON ACTIVITE DANS LA PEAU</b> [72] SALAFSKY, BERNARD, US [72] SHIBUYA, TAKESHI, JP [72] KALYANASUNDARAM, RAMASWAMY, US [71] SALAFSKY, BERNARD, US [71] SHIBUYA, TAKESHI, JP [71] KALYANASUNDARAM, RAMASWAMY, US [85] 1999-08-09 [86] 1998-02-10 (PCT/US98/02398) [87] 1998-08-13 (WO98/34604) [30] US (60/040,251) 1997-02-10</p>	<p style="text-align: right;">[21] <b>2,280,181</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 33/12 6A61K 31/14</b> [25] EN [54] <b>ENHANCED ANTI-ANGIOGENIC ACTIVITY OF PERMANENTLY CHARGED DERIVATIVES OF STEROID HORMONES</b> [54] <b>ACTIVITE ANTI-ANGIOGENIQUE AMELIOREE DES DERIVES CONSTAMMENT CHARGES D'HORMONES STEROIDIENNES</b> [72] BIEGON, ANAT, IL [72] BREWSTER, MARCUS E., US [71] PHARMOS CORPORATION, US [85] 1999-08-09 [86] 1998-02-04 (PCT/US98/02176) [87] 1998-08-13 (WO98/34583) [30] IL (120184) 1997-02-09 [30] US (08/833,074) 1997-04-02</p>
<p style="text-align: right;">[21] <b>2,280,177</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 43/14</b> [25] EN [54] <b>SNAP-ACTION CLOSURE WITH DISENGAGED COMPRESSION MEMBER</b> [54] <b>FERMETURE ENCLIQUETABLE COMPORTANT UN ELEMENT DE COMPRESSION RELACHE</b> [72] GROSS, RICHARD A., US [71] APTARGROUP, INC., US [85] 1999-08-05 [86] 1998-02-05 (PCT/US98/02079) [87] 1998-08-13 (WO98/34848) [30] US (08/796,908) 1997-02-06</p>	<p style="text-align: right;">[21] <b>2,280,180</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B62K 3/00</b> [25] EN [54] <b>ADJUSTABLE HEIGHT SHOCK ABSORBING BICYCLE SEAT MOUNTING ASSEMBLY</b> [54] <b>SYSTEME DE MONTAGE DE SELLE DE BICYCLETTE A HAUTEUR REGLABLE ET ABSORBANT LES CHOCS</b> [72] WILLIAM R. BECKER, US [71] WILLIAM R. BECKER, US [85] 1999-08-09 [86] 1997-11-26 (PCT/US97/22180) [87] 1998-06-04 (WO98/23480) [30] US (08/758,399) 1996-11-29</p>	<p style="text-align: right;">[21] <b>2,280,182</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01L 29/06 6H04L 12/18 6H04M 3/56</b> [25] EN [54] <b>COMMUNICATING BETWEEN STATIONS</b> [54] <b>COMMUNICATION ENTRE STATIONS</b> [72] BROCKBANK, ROBERT GRENVILLE, GB [71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB [85] 1999-08-05 [86] 1998-02-12 (PCT/GB98/00310) [87] 1998-08-20 (WO98/36456) [30] EP (97300888.1) 1997-02-12</p>
<p style="text-align: right;">[21] <b>2,280,178</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/195 6A61K 31/40 6A61K 31/785</b> [25] EN [54] <b>MELANINS WITH IMPROVED ABILITY TO INHIBIT HIV REPLICATION</b> [54] <b>MELANINES A CAPACITE AMELIOREE D'INHIBITION DE LA REPLICATION DU HIV</b> [72] NEIDLEMAN, SAUL L., US [72] GARGER, STEPHEN J., JR., US [71] BIOSOURCE TECHNOLOGIES, INC., US [85] 1999-08-05 [86] 1998-02-04 (PCT/US98/01953) [87] 1998-08-13 (WO98/34606) [30] US (08/796,822) 1997-02-06</p>	<p style="text-align: right;">[21] <b>2,280,183</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/00</b> [25] EN [54] <b>METHOD OF TREATING DRY EYE DISEASE WITH PURINERGIC RECEPTOR AGONISTS</b> [54] <b>PROCEDE POUR TRAITER LA KEROTOCONJONCTIVITE SECHE GRACE A DES AGONISTES RECEPTEURS PURINERGIQUES</b> [72] JACOBUS, KARLA M., US [72] PENDERGAST, WILLIAM, US [72] RIDEOUT, JANET L., US [72] YERXA, BENJAMIN R., US [71] INSPIRE PHARMACEUTICALS, INC., US [85] 1999-08-05 [86] 1998-02-06 (PCT/US98/02701) [87] 1998-08-13 (WO98/34593) [30] US (08/797,472) 1997-02-06</p>	

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[21] **2,280,184**  
[13] A1

[51] **Int.Cl. 6A61K 7/16**  
[25] EN  
[54] **ORAL COMPOSITION EXHIBITING ENHANCE UPTAKE**  
[54] **COMPOSITION ORALE PRESENTANT UNE FIXATION AMELIOREE**  
[72] DIEING, REINHOLD, DE  
[72] STEIN, STEFAN, DE  
[72] JAHNS, EKKEHARD, DE  
[72] MIRAJKAR, YELLOJI RAO K., US  
[72] GAFFAR, ABDUL, US  
[71] BASF AKTIENGESELLSCHAFT, DE  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 1999-08-09  
[86] 1998-02-10 (PCT/US98/02567)  
[87] 1998-08-13 (WO98/34587)  
[30] US (08/799,639) 1997-02-10

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[21] **2,280,185**  
[13] A1

[51] **Int.Cl. 6C07H 3/04 6A61K 7/00 6C07H 13/04 6C07H 15/203 6A61K 7/48**  
[25] FR  
[54] **NOUVEAUX DERIVES DE L'ACIDE SALICYLIQUE ET LEUR UTILISATION DANS LES COMPOSITIONS COSMETIQUES OU DERMATOLOGIQUES**  
[54] **NOVEL SALICYLIC ACID DERIVATIVES AND THEIR USE IN COSMETIC OR DERMATOLOGICAL COMPOSITIONS**  
[72] GALEY, JEAN-BAPTISTE, FR  
[72] DALKO, MARIA, FR  
[71] L'OREAL, FR  
[85] 1999-08-04  
[86] 1998-02-06 (PCT/FR98/00231)  
[87] 1998-08-20 (WO98/35973)  
[30] FR (97/01617) 1997-02-12

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[13] A1

[51] **Int.Cl. 6G07C 9/00 6G06K 7/08 6G06K 7/10**  
[25] FR  
[54] **PROCEDE D'IDENTIFICATION D'UNE PLURALITE DE TRANSPONDEURS, DISPOSITIF D'ANALYSE ET TRANSPONDEURS POUR LA MISE EN OEUVRE D'UN TEL PROCEDE**  
[54] **METHOD FOR IDENTIFYING A PLURALITY OF TRANSPONDERS, ANALYSING DEVICE AND TRANSPONDERS FOR IMPLEMENTING SAID METHOD**  
[72] PAGNOL, Frédéric, FR  
[72] DERTADIAN, SAAK, FR  
[71] PAGNOL, Frédéric, FR  
[71] DERTADIAN, SAAK, FR  
[85] 1999-08-04  
[86] 1998-12-10 (PCT/FR98/02682)  
[87] 1999-06-17 (WO99/30286)  
[30] FR (97/15624) 1997-12-10

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[21] **2,280,187**  
[13] A1

[51] **Int.Cl. 6G01N 33/553 6G01N 33/543 6G01N 33/548**  
[25] FR  
[54] **PROCEDE POUR ISOLER, NOTAMMENT DETECTER OU QUANTIFIER UN ANALYTE DANS UN MILIEU**  
[54] **METHOD FOR ISOLATING, IN PARTICULAR FOR DETECTING OR QUANTIFYING AN ANALYTE IN A MEDIUM**  
[72] MANDRAND, BERNARD, FR  
[72] THERETZ, ALAIN, FR  
[72] PERRIN, AGNES, FR  
[71] BIO MERIEUX, FR  
[85] 1999-07-27  
[86] 1998-01-30 (PCT/FR98/00182)  
[87] 1998-08-06 (WO98/34116)  
[30] FR (97/01313) 1997-01-30

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[21] **2,280,188**  
[13] A1

[51] **Int.Cl. 6G01N 1/02 6G01N 33/24**  
[25] EN  
[54] **METHOD AND MEANS FOR DETECTING CHEMICALS ON GROUND**  
[54] **PROCEDE ET MOYENS DE DETECTION DE PRODUITS CHIMIQUES SUR LE SOL**  
[72] BERGLUND, TAGE, SE  
[72] OLOFSSON, GORAN, SE  
[72] NYHOLM, SUNE, SE  
[71] BERGLUND, TAGE, SE  
[71] OLOFSSON, GORAN, SE  
[71] NYHOLM, SUNE, SE  
[85] 1999-08-09  
[86] 1998-02-20 (PCT/SE98/00300)  
[87] 1998-08-27 (WO98/37398)  
[30] SE (9700621-7) 1997-02-21

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[21] **2,280,189**  
[13] A1

[51] **Int.Cl. 6A23L 1/24 6A23D 7/00 6A23P 1/04 6A23L 1/22 6A23L 1/48**  
[25] EN  
[54] **NON-FROZEN LOW-FAT FOOD EMULSIONS AND PROCESSES THEREFOR**  
[54] **EMULSIONS ALIMENTAIRES NON CONGELEES A TENEUR REDUITE EN MATIERES GRASSES ET PROCEDES DE PREPARATION**  
[72] MALONE, MARK EMMETT, GB  
[72] NORTON, IAN TIMOTHY, GB  
[72] BROWN, CHARLES RUPERT TELFORD, GB  
[72] HOMAN, JENNIFER ELIZABETH, GB  
[72] JONES, MALCOLM GLYN, GB  
[71] UNILEVER PLC, GB  
[85] 1999-08-09  
[86] 1998-02-03 (PCT/EP98/00645)  
[87] 1998-08-13 (WO98/34501)  
[30] EP (97300835.2) 1997-02-10

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[13] A1

[51] **Int.Cl. 6C12N 15/85 6A61K 48/00 6A61K 9/127 6C07K 14/55**  
[25] EN  
[54] **IL-2 GENE EXPRESSION AND DELIVERY SYSTEMS AND USES**  
[54] **EXPRESSION DU GENE IL-2, SYSTEMES D'ADMINISTRATION ET UTILISATIONS**  
[72] MUMPER, RUSS, US  
[72] MUNGER, WILLIAM, US  
[72] BRUNO, MARIA, US  
[72] RALSTON, ROBERT, US  
[72] MULLER, SUSANNE, US  
[71] GENEMEDICINE, INC., US  
[85] 1999-08-09  
[86] 1998-02-09 (PCT/US98/02221)  
[87] 1998-08-13 (WO98/34952)  
[30] US (60/039,709) 1997-02-10  
[30] US (09/012,366) 1998-01-23

[21] **2,280,191**  
[13] A1

[51] **Int.Cl. 6C22C 21/06**  
[25] EN  
[54] **ALUMINUM ALLOY PRODUCT**  
[54] **ALLIAGE D'ALUMINIUM**  
[72] BAUMANN, STEPHEN F., US  
[72] PETIT, JOCELYN I., US  
[72] HYLAND, ROBERT W., JR., US  
[72] COLVIN, EDWARD L., US  
[71] ALUMINUM COMPANY OF AMERICA, US  
[85] 1999-08-09  
[86] 1997-02-10 (PCT/US97/02117)  
[87] 1998-08-13 (WO98/35068)

[21] **2,280,192**  
[13] A1

[51] **Int.Cl. 6A61M 5/32 6A61M 5/50**  
[25] EN  
[54] **UNIVERSAL SAFETY SYRINGE**  
[54] **SERINGUE DE SECURITE UNIVERSELLE**  
[72] SIEKMANN, MANFRED, DE  
[71] SEIKMANN GMBH, DE  
[85] 1999-08-09  
[86] 1998-02-04 (PCT/DE98/00304)  
[87] 1998-08-20 (WO98/35713)  
[30] DE (197 05 892.2) 1997-02-15

[21] **2,280,195**  
[13] A1

[51] **Int.Cl. 6C07K 14/16 6A61K 48/00 6C12N 15/49 6C12N 15/67**  
[25] EN  
[54] **SYNTHETIC HIV GAG GENES**  
[54] **GENES SYNTHETIQUES DU GAG HIV**  
[72] DAVIES, MARY-ELLEN M., US  
[72] FREED, DANIEL C., US  
[72] SHIVER, JOHN W., JR., US  
[72] LIU, MARGARET A., US  
[72] PERRY, HELEN C., US  
[71] MERCK & CO., INC., US  
[85] 1999-08-05  
[86] 1998-02-03 (PCT/US98/02293)  
[87] 1998-08-13 (WO98/34640)  
[30] US (60/037,854) 1997-02-07  
[30] GB (9705040.5) 1997-03-12

[21] **2,280,196**  
[13] A1

[51] **Int.Cl. 6C12N 9/06 6C12P 13/08 6C12N 9/12 6C12N 15/82 6C12N 9/88**  
[25] EN  
[54] **CHIMERIC GENES AND METHODS FOR INCREASING THE LYSINE CONTENT OF THE SEEDS OF PLANTS**  
[54] **GENES CHIMERES ET PROCEDE PERMETTANT D'ACCROITRE LA TENEUR EN LYSINE DANS LES GRAINES DE VEGETAUX**  
[72] EPELBAUM, SABINE URSULA, US  
[72] MCDEVITT, RAYMOND ERVIN III, US  
[72] FALCO, SAVERIO CARL, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1999-08-05  
[86] 1998-03-27 (PCT/US98/06051)  
[87] 1998-10-01 (WO98/42831)  
[30] US (08/824,627) 1997-03-27

[21] **2,280,206**  
[13] A1

[51] **Int.Cl. 6C12N 1/00 6C12N 5/10 6C12N 9/12 6C07K 16/40 6C12N 15/54 6C12N 15/63**  
[25] EN  
[54] **CYCLIN-DEPENDENT PROTEIN KINASE**  
[54] **PROTEINE KINASE CYCLINO-DEPENDANTE**  
[72] GERHOLD, DAVID L., US  
[71] MERCK & CO., INC., US  
[85] 1999-08-04  
[86] 1998-02-06 (PCT/US98/02337)  
[87] 1998-08-13 (WO98/35015)  
[30] US (60/037,855) 1997-02-07  
[30] GB (9707491.8) 1997-04-14

[21] **2,280,207**  
[13] A1

[51] **Int.Cl. 6C12N 15/82 6A01H 3/00**  
[25] EN  
[54] **METHODS AND MEANS FOR GENE SILENCING IN TRANSGENIC PLANTS**  
[54] **PROCEDES ET MOYENS DE BLOCAGE DE GENE DANS DES PLANTES TRANSGENIQUES**  
[72] BAULCOMBE, DAVID CHARLES, GB  
[72] ANGELL, SUSAN MARY, GB  
[71] PLANT BIOSCIENCE LIMITED, GB  
[85] 1999-08-06  
[86] 1998-02-12 (PCT/GB98/00442)  
[87] 1998-08-20 (WO98/36083)  
[30] GB (9703146.2) 1997-02-14

[21] **2,280,210**  
[13] A1

[51] **Int.Cl. 6C12N 15/82 6C08B 30/04 6C12N 9/10 6C12N 15/11**  
[25] EN  
[54] **SENSE INTRON INHIBITION OF STARCH BRANCHING ENZYME EXPRESSION**  
[54] **INHIBITION DE L'EXPRESSION DE L'ENZYME RAMIFIANTE DE L'AMIDON PAR UN INTRON SENS**  
[72] POULSEN, PETER, DK  
[71] DANISCO A/S, DK  
[85] 1999-08-10  
[86] 1998-02-23 (PCT/IB98/00295)  
[87] 1998-08-27 (WO98/37214)  
[30] GB (9703672.7) 1997-02-21  
[30] GB (9706075.0) 1997-03-24

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<p style="text-align: center;">[21] <b>2,280,211</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 14/48 6C12Q 1/68</b> [25] EN [54] <b>HUMAN NERVE GROWTH FACTOR EXON 1 AND EXON 3 PROMOTERS</b> [54] <b>PROMOTEURS DE L'EXON 1 ET DE L'EXON 3 DU FACTEUR HUMAIN DE CROISSANCE DU TISSU NERVEUX</b> [72] KRAKOWSKY, JOAN M., US [72] SUBRAMANIAM, ARUN, US [72] LINNIK, MATTHEW D., US [72] RACKE, MARGARET M., US [71] HOECHST MARION ROUSSEL, INC., US [85] 1999-08-05 [86] 1998-01-12 (PCT/US98/00396) [87] 1998-08-13 (WO98/35027) [30] US (60/038,212) 1997-02-06</p>	<p style="text-align: center;">[21] <b>2,280,229</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6C12N 5/10 6C07K 16/18 6C12N 1/21 6C07K 14/47 6C12N 15/63 6C12Q 1/68</b> [25] EN [54] <b>BREAST CANCER SPECIFIC GENE 1</b> [54] <b>GENE 1 SPECIFIQUE DU CANCER DU SEIN</b> [72] JI, HONGJUN, US [72] ROSEN, CRAIG A., US [71] HUMAN GENOME SCIENCES, INC., US [85] 1999-08-03 [86] 1998-02-03 (PCT/US98/01804) [87] 1998-08-06 (WO98/33915) [30] US (60/037,080) 1997-02-03</p>	<p style="text-align: center;">[21] <b>2,280,233</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 7/56 6A61K 38/12</b> [25] EN [54] <b>CYCLOPEPTIDE DERIVATIVES</b> [54] <b>DERIVES DE CYCLOPEPTIDES</b> [72] GOODMAN, SIMON, DE [72] FITTSCHEN, CLAUS, DE [72] HOLZEMANN, GUNTER, DE [71] MERCK PATENT GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, DE [85] 1999-08-03 [86] 1997-12-15 (PCT/EP97/07048) [87] 1998-06-25 (WO98/27112) [30] DE (196 53 036.9) 1996-12-19</p>
<p style="text-align: center;">[21] <b>2,280,228</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 5/065 6C07K 7/54</b> [25] EN [54] <b>MONOCYCLIC COMPOUNDS WITH FOUR BIFUNCTIONAL RESIDUES HAVING NK-2 ANTAGONIST ACTION</b> [54] <b>COMPOSE MONOCYCLIQUES COMPRENANT QUATRE RADICAUX BIFONCTIONNELS PRESENTANT UNE ACTION ANTAGONISTE NK-2</b> [72] GIORGI, RAFFAELLO, IT [72] DI BUGNO, CRISTINA, IT [72] GIANNOTTI, DANILO, IT [72] MAGGI, CARLO ALBERTO, IT [71] MENARINI RICERCHES S.P.A., IT [85] 1999-08-06 [86] 1998-02-04 (PCT/EP98/00599) [87] 1998-08-13 (WO98/34949) [30] IT (FI97 A 000020) 1997-02-07</p>	<p style="text-align: center;">[21] <b>2,280,230</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/82 6C08B 30/04 6C12N 9/10 6C12N 15/11</b> [25] EN [54] <b>ANTISENSE INTRON INHIBITION OF STARCH BRANCHING ENZYME EXPRESSION</b> [54] <b>INHIBITION DE L'EXPRESSION DE L'ENZYME RAMIFIANTE DE L'AMIDON PAR UN INTRON ANTISENS</b> [72] POULSEN, PETER, DK [71] DANISCO A/S, DK [85] 1999-08-10 [86] 1998-02-23 (PCT/IB98/00270) [87] 1998-08-27 (WO98/37213) [30] GB (9703663.6) 1997-02-21 [30] GB (9706060.2) 1997-03-24</p>	<p style="text-align: center;">[21] <b>2,280,235</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 213/04 6C07C 231/12 6C07C 231/14 6C07D 303/36 6C07C 233/65</b> [25] EN [54] <b>PROCESS FOR THE PREPARATION OF IODINATED CONTRAST AGENTS AND INTERMEDIATES THEREFOR</b> [54] <b>PROCEDE DE PREPARATION D'AGENTS DE CONTRASTE IODES ET DE LEURS INTERMEDIAIRES</b> [72] VASILEVSKIS, JANIS, US [72] LANE, DAVID REDICK, US [71] NYCOMED IMAGING AS, NO [85] 1999-08-06 [86] 1998-02-05 (PCT/GB98/00356) [87] 1998-08-13 (WO98/34905) [30] US (08/796,212) 1997-02-07</p>
<p style="text-align: center;">[21] <b>2,280,231</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68 6A61K 38/19 6C07K 16/28 6G01N 33/50 6C07K 14/525 6G01N 33/574 6C12N 15/63</b> [25] EN [54] <b>MEMBER OF THE TNF FAMILY USEFUL FOR TREATMENT AND DIAGNOSIS OF DISEASE</b> [54] <b>ELEMENT DE LA FAMILLE TNF UTILISE POUR LE TRAITEMENT ET LE DIAGNOSTIC D'UNE MALADIE</b> [72] WILEY, STEVEN R., US [71] ABBOTT LABORATORIES, US [85] 1999-08-10 [86] 1998-02-12 (PCT/US98/02859) [87] 1998-08-13 (WO98/35061) [30] US (08/798,692) 1997-02-12 [30] US (09/021,706) 1998-02-10</p>	<p style="text-align: center;">[21] <b>2,280,236</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/52 6A01H 5/00 6C12N 5/10 6C12N 1/21 6C12N 15/82 6C12N 9/90</b> [25] EN [54] <b>SELECTION METHOD FOR TRANSGENIC PLANTS</b> [54] <b>PROCEDE DE SELECTION DE PLANTES TRANSGENIQUES</b> [72] BOJSEN, KIRSTEN, DK [72] JORGENSEN, KIRSTEN, DK [72] JORSBOE, MORTEN, DK [72] DONALDSON, IAIN ALASDAIR, DK [71] DANISCO A/S, DK [85] 1999-08-06 [86] 1998-02-05 (PCT/GB98/00367) [87] 1998-08-13 (WO98/35047) [30] GB (9702592.8) 1997-02-07 [30] US (60/073,325) 1998-02-02</p>	

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<p style="text-align: center;">[21] <b>2,280,256</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08K 5/109 6C08L 27/12</b> [25] EN [54] <b>FLUROELASTOMER COMPOSITIONS AND METHODS OF PRODUCING SAME</b> [54] <b>COMPOSITIONS DE FLUROELASTOMERES ET LEUR PROCEDE DE PRODUCTION</b> [72] KOLB, ROBERT E., US [72] JING, NAIYONG, US [71] DYNEON LLC, US [85] 1999-08-09 [86] 1998-01-26 (PCT/US98/01438) [87] 1998-08-27 (WO98/37135) [30] US (08/804,447) 1997-02-21</p>	<p style="text-align: center;">[21] <b>2,280,264</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 251/18 6A01N 43/68</b> [25] EN [54] <b>2,4-DIAMINO-1,3,5-TRIAZINES, THE MANUFACTURE AND USE THEREOF AS HERBICIDES AND PLANT GROWTH REGULATORS</b> [54] <b>2,4-DIAMINO-1,3,5-TRIAZINES, LEUR PREPARATION ET LEUR UTILISATION COMME HERBICIDES ET COMME REGULATEURS DE CROISSANCE VEGETALE</b> [72] BIERINGER, HERMANN, DE [72] ZINDEL, JURGEN, DE [72] WILLMS, LOTHAR, DE [72] HOLLANDER, JENS, DE [72] ROSINGER, CHRISTOPHER, DE [72] MINN, KLEMENS, DE [71] HOECHST SCHERING AGREVO GMBH, DE [85] 1999-08-09 [86] 1998-01-20 (PCT/EP98/00283) [87] 1998-08-13 (WO98/34925) [30] DE (197 04 922.2) 1997-02-10</p>	<p style="text-align: center;">[21] <b>2,280,266</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F01L 1/12 6F01L 1/20 6F01L 1/30</b> [25] EN [54] <b>ADJUSTMENT MECHANISM FOR VALVES</b> [54] <b>MECANISME DE REGLAGE DE SOUPAPES</b> [72] ARMSTRONG, MARK FREDERICK, AU [71] HEADSTRONG DESIGN PTY LTD., AU [85] 1999-08-09 [86] 1998-02-13 (PCT/AU98/00090) [87] 1998-08-20 (WO98/36157) [30] AU (PO 5084) 1997-02-13</p>
<p style="text-align: center;">[21] <b>2,280,257</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61G 7/015</b> [25] EN [54] <b>AMBULATORY CARE CHAIR</b> [54] <b>CHAISE POUR SOINS AMBULATOIRES</b> [72] SIEGLE, GARY S., US [72] FIGEL, GREGORY J., US [72] DUNCAN, TERENCE M., US [72] BLYSHAK, WILLIAM M., US [72] SMITH, DONALD E., US [72] BISH, MICHAEL P., US [72] VOGEL, JOHN D., US [72] McCAIG, STEVEN V., US [72] HEYSER, JEFFREY A., US [72] NEWKIRK, JACK C., US [72] TURNER, JONATHAN D., US [72] HANSON, THOMAS W., US [71] HILL-ROM, INC., US [85] 1999-08-09 [86] 1998-02-09 (PCT/US98/02506) [87] 1998-08-13 (WO98/34575) [30] US (08/798,317) 1997-02-10</p>	<p style="text-align: center;">[21] <b>2,280,265</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B05B 13/04</b> [25] EN [54] <b>PAINTING METHOD AND APPARATUS FOR SPRAY PAINTING OF VERTICAL SURFACES</b> [54] <b>PROCEDE ET APPAREIL DE PEINTURE POUR PEINDRE PAR PROJECTION DE SURFACES VERTICALES</b> [72] MAXWELL, IAN, CA [72] LEE, ANDREW WILLIAM, CA [72] KILBURN, L. ROBERT, CA [72] JACQUES, DAVID ROBERT, CA [72] INSULL, PHILIP JOHN, CA [71] IMAX CORPORATION, CA [85] 1999-08-09 [86] 1998-02-09 (PCT/CA98/00097) [87] 1998-08-13 (WO98/34734) [30] US (08/798,201) 1997-02-10</p>	<p style="text-align: center;">[21] <b>2,280,268</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07F 15/00 6C08F 32/00 6C08G 61/00</b> [25] EN [54] <b>NEW CATALYSTS</b> [54] <b>NOUVEAUX CATALYSEURS</b> [72] HAFNER, ANDREAS, CH [72] VAN DER SCHAAF, PAUL ADRIAAN, CH [72] MUHLEBACH, ANDREAS, CH [71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH [85] 1999-08-09 [86] 1998-02-26 (PCT/EP98/01092) [87] 1998-09-11 (WO98/39346) [30] CH (0527/97) 1997-03-06</p>
<p style="text-align: center;">[21] <b>2,280,263</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 15/00</b> [25] EN [54] <b>MEDIUM DISPENSER</b> [54] <b>DISTRIBUTEUR DE SUBSTANCES</b> [72] KÄFER, STEFAN, DE [71] ING. ERICH PFEIFFER GMBH, DE [85] 1999-08-06 [86] 1998-01-21 (PCT/EP98/00311) [87] 1998-08-13 (WO98/34660) [30] DE (197 04 849.8) 1997-02-08</p>	<p style="text-align: center;">[21] <b>2,280,270</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 255/00 6C07C 255/38</b> [25] EN [54] <b>ACRYLONITRILE COMPOUNDS, PROCESS FOR THEIR PRODUCTION AND PESTICIDES CONTAINING THEM</b> [54] <b>COMPOSES D'ACRYLONITRILE, LEUR PROCEDE DE PRODUCTION ET LES PESTICIDES LES CONTENANT</b> [72] OGAWA, MUNEKAZU, JP [72] IKEDA, TSUYOSHI, JP [72] KOYANAGI, TORU, JP [72] MORITA, MASAYUKI, JP [72] NAKAMURA, YUJI, JP [72] SUGIMOTO, KOJI, JP [71] ISHIHARA SANGYO KAISHA LTD., JP [85] 1999-08-09 [86] 1998-02-13 (PCT/JP98/00584) [87] 1998-08-20 (WO98/35935) [30] JP (9/47036) 1997-02-14 [30] JP (9/179031) 1997-06-18 [30] JP (9/279509) 1997-09-25</p>	

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[21] **2,280,272**  
[13] A1

[51] **Int.Cl. 6G01N 11/00 6G01N 27/26 6G01N 33/30**  
[25] EN  
[54] **CAPACITIVE OIL DETERIORATION AND CONTAMINATION SENSOR**  
[54] **DETECTEUR CAPACITIF DE LA CONTAMINATION ET DE LA DETERIORATION D'UNE HUILE DE LUBRIFICATION**  
[72] NASSAR, MARCOS A., US  
[72] PARK, KYONG M., US  
[71] KAVLICO CORPORATION, US  
[85] 1999-08-09  
[86] 1997-07-08 (PCT/US97/11823)  
[87] 1998-09-11 (WO98/39631)  
[30] US (08/812,683) 1997-03-06

[21] **2,280,273**  
[13] A1

[51] **Int.Cl. 6C07D 487/04 6A61K 31/40**  
[25] EN  
[54] **CARBAPENEM COMPOUNDS, USE THEREOF, AND INTERMEDIATE COMPOUNDS OF THE SAME**  
[54] **COMPOSES DE CARBAPENEM, LEUR UTILISATION ET COMPOSES INTERMEDIAIRES DE CELUI-CI**  
[72] MATSUI, HIROSHI, JP  
[72] KASAI, MASAYASU, JP  
[71] KYOTO PHARMACEUTICAL INDUSTRIES, LTD., JP  
[85] 1999-08-06  
[86] 1998-02-02 (PCT/JP98/00446)  
[87] 1998-08-13 (WO98/34936)  
[30] JP (25671/1997 (HEISEI 9)) 1997-02-07  
[30] JP (248903/1997 (HEISEI 9)) 1997-09-12

[21] **2,280,274**  
[13] A1

[51] **Int.Cl. 6A61K 38/00 6C07K 14/00 6A61K 38/04**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR INHIBITING CELLULAR PROLIFERATION**  
[54] **COMPOSITIONS ET PROCEDES DESTINES A INHIBER LA PROLIFERATION CELLULAIRE**  
[72] GREEN, SHAWN J., US  
[72] PAPANATHANASSIU, ADONIA E., US  
[71] ENTREMED, INC., US  
[85] 1999-08-05  
[86] 1998-02-06 (PCT/US98/02699)  
[87] 1998-08-13 (WO98/34634)  
[30] US (08/796,850) 1997-02-06

[21] **2,280,275**  
[13] A1

[51] **Int.Cl. 6C12N 7/00 6A61K 48/00 6C12N 15/86**  
[25] EN  
[54] **NEW SPUMAVIRUS ISOLATED FROM HUMANS**  
[54] **NOUVEAU SPUMAVIRUS ISOLE D'ORIGINE HUMAINE**  
[72] BROWN, JENNIFER, US  
[72] FOLKS, THOMAS M., US  
[72] SANDSTROM, PAUL A., US  
[72] HENEINE, WALID, US  
[72] SWITZER, WILLIAM M., US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRE, US  
[85] 1999-08-11  
[86] 1998-02-12 (PCT/US98/02598)  
[87] 1998-08-13 (WO98/35024)  
[30] US (08/798,071) 1997-02-12

[21] **2,280,287**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A61K 38/18 6C07K 16/22 6C07K 14/475 6C12Q 1/68**  
[25] EN  
[54] **DENDRITIC CELL-DERIVED GROWTH FACTOR**  
[54] **FACTEUR DE CROISSANCE DERIVE DE CELLULES DENDRITIQUES**  
[72] DILLON, PATRICK J., US  
[72] LI, YI, US  
[72] SOPPET, DANIEL R., US  
[72] FAN, PING, US  
[71] HUMAN GENOME SCIENCES, INC., US  
[85] 1999-08-05  
[86] 1998-02-05 (PCT/US98/02329)  
[87] 1998-08-13 (WO98/35039)  
[30] US (60/038,829) 1997-02-06

[21] **2,280,290**  
[13] A1

[51] **Int.Cl. 6C07K 1/00 6C07K 14/00 6C07K 17/00 6C07H 21/02 6C07H 21/04 6G01N 33/53**  
[25] EN  
[54] **NETRIN RECEPTORS**  
[54] **RECEPTEURS DE NETRINE**  
[72] MASU, MASAYUKI, US  
[72] TESSIER-LAVIGNE, MARC, US  
[72] LEONARDO, E. DAVID, US  
[72] KEINO-MASU, KAZUKO, US  
[72] HINCK, LINDSAY, US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 1999-08-05  
[86] 1998-02-19 (PCT/US98/03143)  
[87] 1998-08-27 (WO98/37085)  
[30] US (08/808,982) 1997-02-19

[21] **2,280,338**  
[13] A1

[51] **Int.Cl. 6B66F 3/00 6F16M 13/00 6B23P 19/04 6B66F 7/12 6B66F 3/24**  
[25] EN  
[54] **RAM DEVICE**  
[54] **DISPOSITIF A POUSSOIRS**  
[72] HICKERSON, WILLIAM R., US  
[72] TARTAGLIA, FRANK J., US  
[71] CURTISS WRIGHT FLIGHT SYSTEMS INC., US  
[85] 1999-08-05  
[86] 1998-02-06 (PCT/US98/02336)  
[87] 1998-08-13 (WO98/34871)  
[30] US (08/795,872) 1997-02-06

[21] **2,280,482**  
[13] A1

[51] **Int.Cl. 6A61B 7/00**  
[25] EN  
[54] **STETHOSCOPE COMMUNICATION AND REMOTE DIAGNOSIS SYSTEM**  
[54] **SYSTEME DE COMMUNICATION ET DE DIAGNOSTIC A DISTANCE POUR STETHOSCOPE**  
[72] WINSTON, DAVID E., US  
[72] GRASFIELD, JAMES A., US  
[71] STETHTECH CORPORATION, US  
[85] 1999-08-05  
[86] 1998-02-06 (PCT/US98/02496)  
[87] 1998-08-13 (WO98/34542)  
[30] US (08/795,755) 1997-02-06

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,280,484</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 19/00</b> [25] EN [54] <b>APPARATUS AND METHOD FOR DIVERSE CHEMICAL SYNTHESIS USING MULTI-DIMENSION MOVABLE ARRAYS</b> [54] <b>APPAREIL ET PROCEDE DESTINES A METTRE EN OEUVRE DIVERSES SYNTHESSES CHIMIQUES AU MOYEN D'ARRANGEMENTS MOBILES A DIMENSIONS MULTIPLES</b> [72] BRENNAN, THOMAS M., US [71] PROTEGENE LABORATORIES, INC., US [85] 1999-08-05 [86] 1998-02-05 (PCT/US98/02151) [87] 1998-08-06 (WO98/33586) [30] US (08/792,356) 1997-02-05</p>	<p style="text-align: right;">[21] <b>2,280,501</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C21D 1/10</b> [25] EN [54] <b>METHOD FOR HARDENING CAMSHAFTS AND LINEAR INDUCTOR FOR THE IMPLEMENTATION OF SAID METHOD</b> [54] <b>PROCEDE POUR TREMPER DES ARBRES A CAMES ET INDUCTEUR LINEAIRE POUR METTRE LEDIT PROCEDE EN OEUVRE</b> [72] GEZARZICK, WALDEMAR, DE [72] SCHULTE, PETER, DE [72] LEISNER, HANS-JURGEN, DE [71] ELOTHERM GMBH, DE [85] 1999-08-05 [86] 1998-01-20 (PCT/EP98/00287) [87] 1998-08-13 (WO98/35066) [30] DE (197 04 438.7) 1997-02-06</p>	<p style="text-align: right;">[21] <b>2,280,505</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B23K 3/06</b> [25] EN [54] <b>SOLDER BALL PLACEMENT APPARATUS</b> [54] <b>APPAREIL DE PLACEMENT DE GLOBULES DE SOUDURE</b> [72] FOULKE, RICHARD F., US [72] FOULKE, RICHARD F., JR., US [72] OHLENBUSCH, CORD W., US [71] SPEEDLINE TECHNOLOGIES, INC., US [85] 1999-08-05 [86] 1998-01-28 (PCT/US98/01308) [87] 1998-08-13 (WO98/34749) [30] US (08/795,543) 1997-02-06</p>
<p style="text-align: right;">[21] <b>2,280,486</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/00</b> [25] EN [54] <b>SURGICAL INSTRUMENT</b> [54] <b>INSTRUMENT CHIRURGICAL</b> [72] LIZARDI, JOSE, US [72] BOURQUE, BERNARD J., US [71] SMITH &amp; NEPHEW, INC., GB [85] 1999-08-05 [86] 1998-02-06 (PCT/US98/02133) [87] 1998-08-13 (WO98/34543) [30] US (08/796,984) 1997-02-07</p>	<p style="text-align: right;">[21] <b>2,280,503</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C02F 9/00 6C02F 3/02 6C02F 1/04 6C07C 63/24 6C07C 63/26 6C02F 3/28 6C02F 1/44 6C07C 51/487 6C02F 1/66 6C02F 1/72</b> [25] EN [54] <b>TREATMENT OF EFFLUENT STREAMS CONTAINING ORGANIC ACIDS</b> [54] <b>TRAITEMENT D'EFFLUENT INDUSTRIEL CONTENANT DES ACIDES ORGANIQUES</b> [72] JEFFERY, IAN CHARLES, GB [72] JACKSON, CHRISTOPHER HOWARD, GB [71] E. I. DU PONT DE NEMOURS AND COMPANY, US [85] 1999-08-05 [86] 1998-03-05 (PCT/GB98/00740) [87] 1998-09-24 (WO98/41478) [30] GB (9705349.0) 1997-03-14 [30] US (60/041,198) 1997-03-25</p>	<p style="text-align: right;">[21] <b>2,280,507</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/73 6A23L 1/29</b> [25] EN [54] <b>SUBSTANCE AND METHOD FOR REDUCTION OF LIPIDS AND CHOLESTEROL</b> [54] <b>SUBSTANCE AUX FINS DE LA REDUCTION DE TENEURS EN LIPIDES ET EN CHOLESTEROL ET TECHNIQUE AFFERENTE</b> [72] MÄKINEN, ELINA, FI [72] STRUSZCZYK, HENRYK, PL [72] HÄKKLI, HARRI, FI [72] KIVEKÄS, OLLI, FI [71] NOVASSO OY, FI [85] 1999-08-05 [86] 1998-02-05 (PCT/FI98/00106) [87] 1998-08-13 (WO98/34625) [30] FI (970499) 1997-02-06</p>
<p style="text-align: right;">[21] <b>2,280,500</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04J 3/06</b> [25] EN [54] <b>AUTOMATIC GENERATION OF RECONFIGURATION SCRIPTS FOR TELECOMMUNICATION DEVICES</b> [54] <b>GENERATION AUTOMATIQUE DE SCRIPTS DE RECONFIGURATION DESTINES A DES DISPOSITIFS DE TELECOMMUNICATION</b> [72] BERRIATUA, STEVE, US [72] TIAN, XIAOLIN, US [72] MOLONEY, SIMON, US [72] RUSSELL, MARK, US [72] MA, XIWEN, US [71] FIRSTTEL SYSTEMS CORPORATION, US [85] 1999-08-05 [86] 1998-01-29 (PCT/US98/01729) [87] 1998-08-06 (WO98/34350) [30] US (08/795,917) 1997-02-05</p>	<p style="text-align: right;">[21] <b>2,280,509</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63D 15/00</b> [25] EN [54] <b>SNOOKER TABLE</b> [54] <b>TABLE DE SNOOKER</b> [72] HEGGIE, DAVID WATSON MCINTYRE, ZA [71] HEGGIE, DAVID WATSON MCINTYRE, ZA [71] HEGGIE, ALISTAIR SPENCE, NL [85] 1999-08-05 [86] 1998-02-05 (PCT/GB98/00366) [87] 1998-08-13 (WO98/34692) [30] ZA (970933) 1997-02-05</p>	



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,280,511</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 209/48</b> [25] EN [54] <b>PRODUCTION OF 1,3-DIAMINOPENTANE BY HYDROGENATION OF 3-AMINOPENTANENITRILE</b> [54] <b>PRODUCTION DE 1,3-DIAMINOPENTANE PAR HYDROGENATION DE 3-AMINOPENTANENITRILE</b> [72] HERKES, FRANK EDWARD, US [72] SNYDER, JAY LESLIE, US [71] E. I. DU PONT DE NEMOURS AND COMPANY, US [85] 1999-08-05 [86] 1998-03-27 (PCT/US98/06053) [87] 1998-10-08 (WO98/43941) [30] US (60/042,127) 1997-03-28 [30] US (09/048,811) 1998-03-26</p>	<p style="text-align: right;">[21] <b>2,280,515</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 403/04 6C07D 401/04 6C07D 401/14 6C07D 403/14 6C07D 405/14 6A01N 43/40 6A01N 43/50 6A01N 43/54 6A01N 43/56</b> [25] EN [54] <b>HETEROARYL AZOLE HERBICIDES</b> [54] <b>HERBICIDE D'HETEROARYLE AZOLE</b> [72] SELBY, THOMAS P., US [71] E. I. DU PONT DE NEMOURS AND COMPANY, US [85] 1999-08-05 [86] 1998-03-09 (PCT/US98/04600) [87] 1998-09-17 (WO98/40379) [30] US (60/039,544) 1997-03-11</p>	<p style="text-align: right;">[21] <b>2,280,518</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 321/00 6A01N 43/02 6A01N 43/16 6A61K 31/335 6A61K 31/35 6C07D 311/92</b> [25] EN [54] <b>HIV INTEGRASE INHIBITORS</b> [54] <b>INHIBITEURS DE LA VIH INTEGRASE</b> [72] LINGHAM, RUSSELL B., US [72] PELAEZ, FERNANDO, ES [72] BILLS, GERALD F., US [72] SHAFIEE, ALI, US [72] ZINK, DEBORAH L., US [72] TERAN, ANA M., ES [72] SILVERMAN, KEITH C., US [72] SINGH, SHEO BUX, US [71] MERCK &amp; CO., INC., US [85] 1999-08-05 [86] 1998-02-03 (PCT/US98/02292) [87] 1998-08-13 (WO98/34932) [30] US (60/036,902) 1997-02-06 [30] GB (9707492.6) 1997-04-14</p>
<p style="text-align: right;">[21] <b>2,280,513</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 47/36</b> [25] EN [54] <b>SULPHONYLUREA AND/ADJUVANT BASED SOLID MIXTURES</b> [54] <b>MELANGES SOLIDES A BASE DE SULFONYLUREES ET ADJUVANTS</b> [72] JÄGER, KARL-FRIEDRICH, DE [72] BERGHAUS, RAINER, DE [72] BRATZ, MATTHIAS, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 1999-08-05 [86] 1998-02-04 (PCT/EP98/00413) [87] 1998-08-13 (WO98/34482) [30] DE (19704276.7) 1997-02-05</p>	<p style="text-align: right;">[21] <b>2,280,516</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08F 2/48 6C08F 2/38</b> [25] EN [54] <b>MOLECULAR WEIGHT CONTROLLED POLYMERS BY PHOTOPOLYMERIZATION</b> [54] <b>POLYMERES A POIDS MOLECULAIRE REGULE PAR PHOTOPOLYMERISATION</b> [72] BERGE, CHARLES THOMAS, US [72] DESOBRY, VINCENT, CH [71] E. I. DU PONT DE NEMOURS AND COMPANY, US [85] 1999-08-05 [86] 1998-02-18 (PCT/US98/03133) [87] 1998-08-27 (WO98/37104) [30] US (60/038,225) 1997-02-19</p>	<p style="text-align: right;">[21] <b>2,280,521</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60C 23/04</b> [25] EN [54] <b>TYRE PRESSURE WARNING SYSTEM</b> [54] <b>SYSTEME AVERTISSEUR DE LA PRESSION DES PNEUS</b> [72] OWENS, DAVID CARADOC, GB [71] XPERTECH LIMITED, GB [85] 1999-08-05 [86] 1998-02-05 (PCT/GB98/00358) [87] 1998-08-13 (WO98/34799) [30] GB (9702295.8) 1997-02-05</p>
<p style="text-align: right;">[21] <b>2,280,514</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G09G 5/00 6G09G 1/00</b> [25] EN [54] <b>DISPLAY POINTING DEVICE</b> [54] <b>POINTEUR POUR ECRAN D'AFFICHAGE</b> [72] ROTHSCHILD, OMRI, IL [72] RAVIV, RONI, IL [71] ROTHSCHILD, OMRI, IL [71] RAVIV, RONI, IL [85] 1999-08-05 [86] 1997-12-11 (PCT/IL97/00404) [87] 1998-08-13 (WO98/35336) [30] IL (120186) 1997-02-09</p>	<p style="text-align: right;">[21] <b>2,280,517</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 31/10</b> [25] EN [54] <b>SILYLATED PERFLUORINATED ION-EXCHANGE MICROCOMPOSITE CATALYSTS</b> [54] <b>CATALYSEURS MICROCOMPOSITES PERFLUORES SILYLES ECHANGEURS D'IONS</b> [72] SUN, QUN, US [72] HARMER, MARK ANDREW, US [71] E. I. DU PONT DE NEMOURS AND COMPANY, US [85] 1999-08-05 [86] 1998-03-19 (PCT/US98/05544) [87] 1998-10-01 (WO98/42439) [30] US (60/042,768) 1997-03-26</p>	<p style="text-align: right;">[21] <b>2,280,525</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F02M 37/04</b> [25] EN [54] <b>A CONTROL MODULE FOR CONTROLLING HYDRAULICALLY ACTUATED INTAKE/EXHAUST VALVES AND A FUEL INJECTOR</b> [54] <b>MODULE DE COMMANDE POUR COMMANDER DES SOUPAPES D'ADMISSION/D'ECHAPPEMENT ACTIONNEES HYDRAULIQUEMENT ET UN INJECTEUR DE CARBURANT</b> [72] STURMAN, ODED E., US [71] STURMAN, ODED E., US [85] 1999-08-05 [86] 1997-10-30 (PCT/US97/19822) [87] 1998-08-20 (WO98/36167) [30] US (08/799,296) 1997-02-13</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,280,526</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 19/00</b> [25] EN [54] <b>AUTHENTICITY ATTRIBUTE</b> [54] <b>CARACTERISTIQUE D'AUTHENTICITE</b> [72] HUBNER, STEFAN, DE [71] HUBNER, STEFAN, DE [85] 1999-08-05 [86] 1998-12-08 (PCT/DE98/03604) [87] 1999-06-17 (WO99/30275) [30] DE (197 54 860.1) 1997-12-10</p>	<p style="text-align: right;">[21] <b>2,280,589</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/62</b> [25] EN [54] <b>ORTHOPAEDIC FIXATION PLATE</b> [54] <b>PLAQUE DE FIXATION ORTHOPEDIQUE</b> [72] TAYLOR, J. CHARLES, US [72] TAYLOR, HAROLD S., US [71] SMITH &amp; NEPHEW, INC., US [85] 1999-08-05 [86] 1998-10-19 (PCT/US98/22069) [87] 1999-04-29 (WO99/20193) [30] US (08/954,003) 1997-10-20</p>	<p style="text-align: right;">[21] <b>2,280,616</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B26F 1/38 6B26D 5/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR AUTOMATICALLY LAYING, CUTTING AND REMOVING, ON AND FROM A CONTINUOUSLY MOVING CONVEYOR</b> [54] <b>PROCEDE ET APPAREIL POUR DEPOSER ET COUPER AUTOMATIQUEMENT DES PRODUITS SUR UN CONVOYEUR MOBILE CONTINU, ET LES RETIRER DE CE DERNIER</b> [72] TAMELLO, ALESSANDRO, IT [72] PERON, ALBERTO, IT [71] TAMELLO, ALESSANDRO, IT [71] PERON, ALBERTO, IT [85] 1999-08-05 [86] 1998-02-02 (PCT/EP98/00534) [87] 1998-08-13 (WO98/34767) [30] IT (VI97 A000022) 1997-02-07</p>
<p style="text-align: right;">[21] <b>2,280,534</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08B 31/00 6C08B 33/00 6A61K 9/22 6A61K 47/36</b> [25] EN [54] <b>MANUFACTURE OF CROSS-LINKED AMYLOSE USEFUL AS AN EXCIPIENT FOR CONTROL RELEASE OF ACTIVE COMPOUNDS</b> [54] <b>PREPARATION D'AMYLOSE RETICULEE UTILE EN TANT QU'EXCIPIENT SERVANT A COMMANDER LA LIBERATION DE COMPOSES ACTIFS</b> [72] DUMOULIN, YVES, CA [72] INGENITO, ANDRÉ, CA [72] CARRIERE, FRANÇOIS, CA [71] LABOPHARM INC., CA [85] 1999-08-05 [86] 1998-02-10 (PCT/CA98/00106) [87] 1998-08-20 (WO98/35992) [30] US (08/800,518) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,280,591</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09J 7/02 6C09J 167/00</b> [25] EN [54] <b>PRESSURE-SENSITIVE ADHESIVE TAPE</b> [54] <b>RUBAN AUTOCOLLANT</b> [72] HITSCHMANN, GUIDO, DE [72] LAMON, ALAIN H., FR [72] GEORGE, CLAYTON A., US [72] BENNETT, GREGGORY S., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 1999-08-05 [86] 1997-02-28 (PCT/US97/03170) [87] 1998-09-03 (WO98/38262)</p>	<p style="text-align: right;">[21] <b>2,280,621</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08K 13/02 6C08L 71/02 6G02B 6/44</b> [25] EN [54] <b>FILLING MATERIAL</b> [54] <b>MATIERE DE REMPLISSAGE</b> [72] MENCKE, MARKUS, DE [71] MWO GESELLSCHAFT ZUR HERSTELLUNG VON CHEMISCH-TECHNISCHEN PRODUKTEN MBH, DE [85] 1999-08-05 [86] 1998-02-06 (PCT/DE98/00353) [87] 1998-08-13 (WO98/34983) [30] DE (197 04 398.4) 1997-02-06</p>
<p style="text-align: right;">[21] <b>2,280,536</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01B 45/00 6A01G 1/12</b> [25] EN [54] <b>SOD LAYING APPARATUS AND METHOD</b> [54] <b>APPAREIL ET PROCEDE DE POSE DE GAZON</b> [72] HOUSKA, RONALD L., US [71] CLARK EQUIPMENT COMPANY, US [85] 1999-08-05 [86] 1998-12-23 (PCT/US98/27468) [87] 1999-07-08 (WO99/33330) [30] US (08/998,794) 1997-12-29</p>	<p style="text-align: right;">[21] <b>2,280,592</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 51/50 6C07C 55/14 6C07C 51/43</b> [25] EN [54] <b>DICARBOXYLIC ACID CRYSTALLIZATES</b> [54] <b>CRISTALLISATS D'ACIDE DICARBOXYLIQUE</b> [72] RAULS, MATTHIAS, DE [72] BAUMANN, DIETER, DE [72] OTTO, BERNHARD, DE [72] WISTUBA, HERMANN, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 1999-08-05 [86] 1998-02-09 (PCT/EP98/00703) [87] 1998-08-20 (WO98/35929) [30] DE (19705329.7) 1997-02-12</p>	<p style="text-align: right;">[21] <b>2,280,622</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01M 4/58</b> [25] EN [54] <b>CARBONACEOUS ELECTRODE MATERIAL FOR SECONDARY BATTERY</b> [54] <b>MATERIAU D'ELECTRODE CARBONE POUR ACCUMULATEUR ELECTRIQUE</b> [72] SONOBE, NAOHIRO, JP [72] MASUKO, JIRO, JP [72] ISHIKAWA, MINORU, JP [71] KUREHA KAGAKU KOGYO KABUSHIKI KAISHA, JP [85] 1999-08-05 [86] 1998-02-03 (PCT/JP98/00439) [87] 1998-08-13 (WO98/35396) [30] JP (9/36892) 1997-02-06</p>

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,280,684</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02K 49/04</b> [25] EN [54] <b>ADJUSTABLE MAGNETIC COUPLER</b> [54] <b>COUPLEUR MAGNETIQUE REGLABLE</b> [72] LAMB, KARL J., US [71] MAGNA FORCE, INC., US [85] 1999-08-11 [86] 1998-02-20 (PCT/US98/03567) [87] 1998-08-27 (WO98/37617) [30] US (08/803,365) 1997-02-20 [30] US (08/834,094) 1997-04-14</p>	<p style="text-align: right;">[21] <b>2,280,689</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 7/04</b> [25] EN [54] <b>A SYNCHRONIZATION SYSTEM AND METHOD FOR DIGITAL COMMUNICATION SYSTEMS</b> [54] <b>PROCEDE ET SYSTEME DE SYNCHRONISATION POUR SYSTEMES DE COMMUNICATIONS NUMERIQUES</b> [72] BEN-ELI, DUDI, IL [71] D.S.P.C. TECHNOLOGIES LTD., IL [85] 1999-08-11 [86] 1998-02-10 (PCT/IL98/00065) [87] 1998-08-20 (WO98/36580) [30] IL (120210) 1997-02-13</p>	<p style="text-align: right;">[21] <b>2,280,692</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/08 6A61M 16/00</b> [25] EN [54] <b>SPIROMETER BREATHING TUBE</b> [54] <b>TUBE RESPIRATOIRE DE SPIROMETRE</b> [72] KUSIAK, JOHN, US [72] STENSLOKKEN, DOUGLAS L., US [71] SHERWOOD SERVICES AG, CH [85] 1999-08-11 [86] 1998-02-19 (PCT/US98/03118) [87] 1998-08-27 (WO98/36687) [30] US (60/037,960) 1997-02-20</p>
<p style="text-align: right;">[21] <b>2,280,685</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/445 6A61K 31/16</b> [25] EN [54] <b>A MEDICAMENT AGAINST INFERTILITY AND FOR INCREASING FERTILITY</b> [54] <b>MEDICAMENT UTILISE POUR LUTTER CONTRE L'INFECONDITE ET AMENER A LA FECONDITE</b> [72] EDELSTAM, GRETA, SE [71] EDELSTAM INC., US [71] EDELSTAM, GRETA, SE [85] 1999-08-11 [86] 1998-02-09 (PCT/US98/02267) [87] 1998-08-20 (WO98/35676) [30] US (08/800,737) 1997-02-15</p>	<p style="text-align: right;">[21] <b>2,280,690</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 35/76 6C12N 7/02</b> [25] EN [54] <b>ARRESTABLE THERAPEUTIC VIRAL AGENT</b> [54] <b>AGENT VIRAL THERAPEUTIQUE STOPPANT LE DEVELOPPEMENT DE TUMEURS</b> [72] MARKHAM, ALEXANDER FRED, GB [72] MEREDITH, DAVID MARK, GB [71] UNIVERSITY OF LEEDS, GB [85] 1999-08-11 [86] 1998-02-24 (PCT/GB98/00559) [87] 1998-09-03 (WO98/37905) [30] GB (9704046.3) 1997-02-27</p>	<p style="text-align: right;">[21] <b>2,280,693</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63B 71/14</b> [25] EN [54] <b>BALL CATCHING TOOL</b> [54] <b>DISPOSITIF POUR ATTRAPER UNE BALLE</b> [72] FUKAE, TOYOHARU, JP [71] MITSUWA TIGER CO., LTD., JP [85] 1999-08-11 [86] 1998-02-13 (PCT/JP98/00589) [87] 1998-08-20 (WO98/35730) [30] JP (9/30174) 1997-02-14 [30] JP (10/22092) 1998-02-03</p>
<p style="text-align: right;">[21] <b>2,280,687</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63B 21/008</b> [25] EN [54] <b>AQUA BIKE</b> [54] <b>AQUA BIKE</b> [72] ALVAREZ, PEPITO JOSEPH, FR [71] AQUA BIKE, MC [85] 1999-08-11 [86] 1998-02-09 (PCT/IB98/00159) [87] 1998-08-13 (WO98/34831) [30] MC (2367) 1997-02-11</p>	<p style="text-align: right;">[21] <b>2,280,691</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01B 15/06</b> [25] EN [54] <b>ASSEMBLY OF REPLACEABLE WEAR PARTS ON A PLOUGH BODY</b> [54] <b>MONTAGE DE PIECES D'USURE INTERCHANGEABLES SUR UN CORPS DE CHARRUE</b> [72] SKJAEVELAND, MAGNE, NO [71] KVERNELAND KLEPP AS, NO [85] 1999-08-11 [86] 1998-02-04 (PCT/GB98/00225) [87] 1998-08-20 (WO98/35545) [30] GB (9703116.5) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,280,694</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 13/00 6H04N 15/00 6A61B 1/04</b> [25] EN [54] <b>METHOD AND APPARATUS FOR ALIGNING STEREO IMAGES</b> [54] <b>PROCEDE ET APPAREIL POUR ALIGNER DES IMAGES STEREO</b> [72] THALER, HERBERT A., US [72] HORI, KOICHIRO, US [71] VISTA MEDICAL TECHNOLOGIES, INC., US [85] 1999-08-11 [86] 1998-12-31 (PCT/US98/27872) [87] 1999-07-22 (WO99/37098) [30] US (007,469) 1998-01-15</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,280,696</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/39</b> [25] EN [54] <b>ELECTRIC FIELD CONCENTRATED ELECTROSURGICAL ELECTRODE</b> [54] <b>ELECTRODE ELECTROCHIRURGICALE A CHAMP ELECTRIQUE CONCENTRE</b> [72] GREEP, DARCY W., US [71] MEGADYNE MEDICAL PRODUCTS, INC., US [85] 1999-08-11 [86] 1998-06-02 (PCT/US98/11137) [87] 1999-04-15 (WO99/17670) [30] US (08/943,551) 1997-10-03 [30] US (08/984,716) 1997-12-03</p>	<p style="text-align: right;">[21] <b>2,280,699</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08L 23/16 6B29C 59/10 6C08J 5/18 6C08K 5/20</b> [25] EN [54] <b>CORONA DISCHARGE TREATED FILMS HAVING EXCELLENT COEFFICIENTS OF FRICTION</b> [54] <b>FILMS TRAITES PAR DECHARGE EN EFFET DE COURONNE DOTES D'EXCELLENTS COEFFICIENTS DE FROTTEMENT</b> [72] VAN LOON, ACHIEL JOSEPHUS MARIA, BE [72] DONALD, FIONA, BE [72] ESPEEL, PATRICK, BE [71] EXXON CHEMICAL PATENTS INC., US [85] 1999-08-11 [86] 1998-02-24 (PCT/US98/03602) [87] 1998-08-27 (WO98/37143) [30] US (08/806,182) 1997-02-25 [30] US (08/847,730) 1997-04-28 [30] US (08/905,211) 1997-08-01</p>	<p style="text-align: right;">[21] <b>2,280,703</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/32</b> [25] EN [54] <b>A SYSTEM FOR EXCHANGING ASYNCHRONOUS DATA OVER A SYNCHRONOUS COMMUNICATION INTERFACE BETWEEN A COMMUNICATION DEVICE AND AN EXTERNAL ACCESSORY</b> [54] <b>SYSTEME PERMETTANT D'ECHANGER DES DONNEES ASYNCHRONES GRACE A UNE INTERFACE DE COMMUNICATION SYNCHRONE ENTRE UN DISPOSITIF DE COMMUNICATION ET UN ACCESSOIRE EXTERNE</b> [72] HUTCHISON, JAMES A., IV, US [71] QUALCOMM INCORPORATED, US [85] 1999-08-11 [86] 1998-02-11 (PCT/US98/02804) [87] 1998-08-13 (WO98/35517) [30] US (08/799,732) 1997-02-12</p>
<p style="text-align: right;">[21] <b>2,280,697</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12M 3/00 6C12Q 1/04</b> [25] EN [54] <b>SENSOR DEVICE FOR DETECTING MICROORGANISMS, AND METHOD THEREFOR</b> [54] <b>EQUIPEMENT ET PROCEDE DE DETECTION DE MICRO-ORGANISMES</b> [72] MARESCH, MARTIN J., US [72] HYMAN, JONES M., US [72] THORPE, THURMAN C., US [72] JEFFREY, SCOTT R., US [72] MATSUMURA, PAUL M., US [71] AKZO NOBEL N.V., NL [85] 1999-08-11 [86] 1998-12-10 (PCT/US98/26376) [87] 1999-06-17 (WO99/29831) [30] US (08/989,560) 1997-12-12</p>	<p style="text-align: right;">[21] <b>2,280,702</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 5/158 6A61M 1/10</b> [25] EN [54] <b>IMPROVED JUNCTION FOR SHEAR SENSITIVE BIOLOGICAL FLUID PATHS</b> [54] <b>JONCTION AMELIOREE DESTINEE A DES VOIES DE FLUIDES BIOLOGIQUES SENSIBLES AU CISAILLEMENT</b> [72] STONE, RICHARD T., US [72] MILLER, TIMOTHY A., US [72] CLAGUE, CYNTHIA, US [72] SULLIVAN, MICHAEL P., US [72] HEGEMAN, DONALD W., III, US [72] DORMAN, FRANK, US [72] HAMLIN, ROBERT C., US [72] POISSANT, JOSEPH E., US [71] MEDTRONIC, INC., US [85] 1999-08-11 [86] 1998-02-12 (PCT/US98/02585) [87] 1998-08-13 (WO98/34658) [30] US (08/800,904) 1997-02-12</p>	<p style="text-align: right;">[21] <b>2,280,704</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 1/20 6A23C 9/12 6A61K 35/74</b> [25] EN [54] <b>PROBIOTIC STRAINS FROM LACTOBACILLUS SALIVARIUS AND ANTIMICROBIAL AGENTS OBTAINED THEREFROM</b> [54] <b>SOUCHES PROBIOTIQUES PROVENANT DE LACTOBACILLUS SALIVARIUS ET AGENTS ANTIMICROBIENS OBTENUS A PARTIR DE CELLES-CI</b> [72] COLLINS, JOHN KEVIN, IE [72] O'SULLIVAN, GERALD CHRISTOPHER, IE [72] O'SULLIVAN, MARIAN MARY GERALDINE, IE [72] THORNTON, GERARDINE MARY, IE [71] ENTERPRISE IRELAND TRADING AS BOIRESEARCH IRELAND, IE [71] UNIVERSITY COLLEGE CORK, IE [85] 1999-08-11 [86] 1998-02-11 (PCT/IE98/00010) [87] 1998-08-13 (WO98/35014) [30] WO (PCT/IE97/00007) 1997-02-11</p>
<p style="text-align: right;">[21] <b>2,280,698</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 9/445</b> [25] EN [54] <b>APPARATUS AND METHOD FOR CROSS-COMPILING SOURCE CODE</b> [54] <b>APPAREIL ET PROCEDE DE COMPILATION CROISEE D'UN CODE SOURCE</b> [72] YELLIN, FRANK, US [72] TUCK, RICHARD D., US [72] LONG, DEAN R. E., US [71] SUN MICROSYSTEMS, INC., US [85] 1999-08-11 [86] 1998-12-10 (PCT/US98/26285) [87] 1999-06-24 (WO99/31583) [30] US (08/989,848) 1997-12-12</p>		

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<p style="text-align: right;">[21] <b>2,280,706</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01L 7/02 6G01L 9/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR SENSING FLUID PRESSURE</b> [54] <b>PROCEDE ET APPAREIL DE DETECTION DE LA PRESSION D'UN LIQUIDE</b> [72] WIRBISKY, ALAN, US [72] O'BRIEN, RICHARD J., US [72] SORICH, RICHARD A., US [71] MEDTRONIC, INC., US [85] 1999-08-11 [86] 1998-01-26 (PCT/US98/01392) [87] 1998-08-20 (WO98/36254) [30] US (08/798,077) 1997-02-12</p>	<p style="text-align: right;">[21] <b>2,280,710</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 23/40 6C10G 45/10 6C10G 45/52 6C10G 45/62</b> [25] EN [54] <b>PROCESS FOR HYDROGENATION, HYDROISOMERIZATION AND/OR HYDRODESULFURIZATION OF A SULFUR CONTAMINANT CONTAINING FEEDSTOCK</b> [54] <b>PROCEDE D'HYDROGENATION, D'HYDRO-ISOMERISATION ET/OU D'HYDRODESULFURATION D'UNE CHARGE RENFERMANT UN CONTAMINANT SULFURE</b> [72] VAARKAMP, MARINUS, NL [72] REESINK, BERNARD HENDRIK, NL [72] BERBEN, PIETER HILDEGARDUS, NL [71] ENGELHARD CORPORATION, US [85] 1999-08-11 [86] 1998-02-12 (PCT/NL98/00090) [87] 1998-08-20 (WO98/35754) [30] EP (97200410.5) 1997-02-13 [30] EP (97201268.6) 1997-04-28</p>	<p style="text-align: right;">[21] <b>2,280,712</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B21B 37/68</b> [25] EN [54] <b>A ROLLING APPARATUS AND A ROLLING METHOD</b> [54] <b>APPAREIL DE LAMINAGE ET PROCEDE DE LAMINAGE</b> [72] YOSHIKAWA, MASASHI, JP [72] SAKO, AKIRA, JP [72] MANIWA, SYUJI, JP [72] TAKEGUCHI, TORU, JP [71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP [85] 1999-08-11 [86] 1998-12-11 (PCT/JP98/05594) [87] 1999-06-24 (WO99/30848) [30] JP (9-342483) 1997-12-12 [30] JP (9-356492) 1997-12-25 [30] JP (10-5314) 1998-01-14</p>
<p style="text-align: right;">[21] <b>2,280,708</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 323/40 6C07D 207/16 6A61K 31/165 6A61K 31/18 6A61K 31/255 6C07D 207/28 6A61K 31/34 6C07D 333/38 6A61K 31/38 6A61K 31/40 6A61K 31/44 6C07D 211/62 6C07C 323/63 6C07C 323/65 6C07D 307/68 6C07D 213/81</b> [25] EN [54] <b>CETP ACTIVITY INHIBITORS</b> [54] <b>INHIBITEURS DE L'ACTIVITE DU CETP</b> [72] MAEDA, KIMIYA, JP [72] OKAMOTO, HIROSHI, JP [72] SHINKAI, HISASHI, JP [71] JAPAN TOBACCO INC., JP [85] 1999-08-11 [86] 1998-02-10 (PCT/JP98/00542) [87] 1998-08-20 (WO98/35937) [30] JP (9/44836) 1997-02-12 [30] JP (9/165085) 1997-06-05 [30] JP (10/26688) 1998-01-23</p>	<p style="text-align: right;">[21] <b>2,280,711</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 43/58</b> [25] EN [54] <b>HERBICIDE COMPOSITIONS</b> [54] <b>COMPOSITIONS HERBICIDES</b> [72] HOSHI, HISAYUKI, JP [71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP [85] 1999-08-11 [86] 1998-02-17 (PCT/JP98/00634) [87] 1998-08-27 (WO98/36642) [30] JP (9/35390) 1997-02-19 [30] JP (9/35391) 1997-02-19 [30] JP (9/35392) 1997-02-19 [30] JP (9/35393) 1997-02-19 [30] JP (9/36694) 1997-02-20 [30] JP (9/36695) 1997-02-20</p>	<p style="text-align: right;">[21] <b>2,280,713</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 21/14 6C09K 7/00</b> [25] EN [54] <b>APHRON-CONTAINING WELL DRILLING AND SERVICING FLUIDS</b> [54] <b>FLUIDE DE FORAGE ET D'ENTRETIEN D'UN Puits CONTENANT DES APHRONS</b> [72] BROOKEY, TOMMY E., US [71] ACTISYSTEMS, INC., US [85] 1999-08-11 [86] 1998-02-10 (PCT/US98/02566) [87] 1998-08-20 (WO98/36151) [30] US (08/800,727) 1997-02-13</p>
<p style="text-align: right;">[21] <b>2,280,709</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 85/48</b> [25] EN [54] <b>SYSTEM FOR HOLDING FRAGILE ITEMS</b> [54] <b>SYSTEME POUR CONTENIR DES OBJETS FRAGILES</b> [72] GONZALEZ-RIVERA, ANI, US [71] ARCHIVAL MATTERS, INC., US [85] 1999-08-11 [86] 1998-02-11 (PCT/US98/03394) [87] 1998-08-13 (WO98/34853) [30] US (08/799,780) 1997-02-12</p>	<p style="text-align: right;">[21] <b>2,280,715</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/12 6A61K 31/07</b> [25] EN [54] <b>ORAL PREPARATION FOR THE PROPHYLACTIC AND THERAPEUTIC TREATMENT OF HELICOBACTER SP. INFECTION</b> [54] <b>PREPARATION ORALE POUR LA PROPHYLAXIE ET LE TRAITEMENT DES INFECTIONS PAR HELICOBACTER</b> [72] WADSTROM, TORKEL, SE [72] ALEJUNG, PÅR, SE [71] ASTACAROTENE AB, SE [85] 1999-08-11 [86] 1998-02-05 (PCT/EP98/00628) [87] 1998-09-03 (WO98/37874) [30] SE (9700708-2) 1997-02-27</p>	

## Demandes PCT entrant en phase nationale

<p>[21] <b>2,280,716</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 5/32</b> [25] EN [54] <b>DISPOSABLE SAFETY SYRINGE AND METHOD OF USE THEREOF</b> [54] <b>SERINGUE DE SECURITE JETABLE</b> [72] RIGHI, NARDINO, IT [72] RESTELLI, SERGIO, IT [71] RIGHI, NARDINO, IT [71] RESTELLI, SERGIO, IT [85] 1999-08-11 [86] 1998-02-09 (PCT/EP98/00692) [87] 1998-08-20 (WO98/35714) [30] IT (SV97A000007) 1997-02-12 [30] IT (SV97A000008) 1997-02-12 [30] WO (PCT/EP98/00692) 1998-02-09</p>	<p>[21] <b>2,280,719</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 37/00</b> [25] EN [54] <b>BLOOD EVACUATING SYSTEM AND METHOD OF USE THEREOF</b> [54] <b>SYSTEME DE PRELEVEMENT DU SANG ET SON PROCEDE D'UTILISATION</b> [72] WEILBACHER, EUGENE E., US [72] SWISHER, DAVID RORK, US [71] TYCO GROUP S.A.R.L., LU [85] 1999-08-11 [86] 1998-02-12 (PCT/US98/02586) [87] 1998-08-20 (WO98/35718) [30] US (60/038,361) 1997-02-13</p>	<p>[21] <b>2,280,722</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/445 6A61K 31/46</b> [25] EN [54] <b>COMPOSITIONS FOR THE INHIBITION OF BONE RESORPTION</b> [54] <b>COMPOSITIONS PERMETTANT D'INHIBER LA RESORPTION OSSEUSE</b> [72] SKERRY, TIMOTHY MICHAEL, GB [72] SUVA, LARRY JOHN, US [71] SMITH &amp; NEPHEW PLC, GB [85] 1999-08-11 [86] 1998-02-12 (PCT/GB98/00443) [87] 1998-08-20 (WO98/35674) [30] GB (9703109.0) 1997-02-14</p>
<p>[21] <b>2,280,717</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B22D 11/06 6B22D 41/50</b> [25] EN [54] <b>FEEDER OF MOLTEN METAL FOR MOULDS OF CONTINUOUS CASTING MACHINES</b> [54] <b>MASSELOTTE D'ALIMENTATION EN METAL LIQUIDE POUR MOULES DE MACHINES A MOULAGE CONTINU</b> [72] TOLVE, PIETRO, IT [72] MACCI, FRANCO, IT [72] CAPOTOSTI, ROMEO, IT [71] VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, AT [71] ACCIAI SPECIALI TERNI S.P.A., IT [85] 1999-08-11 [86] 1998-02-13 (PCT/IT98/00025) [87] 1998-08-20 (WO98/35774) [30] IT (RM97A000081) 1997-02-14</p>	<p>[21] <b>2,280,720</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63H 17/39</b> [25] EN [54] <b>REMOTELY CONTROLLED TOY VEHICLE WITH COMMON CASTOR FRONT STEERING</b> [54] <b>VOITURE-JOUET TELEGUIDEE A CHASSE DE DIRECTION AVANT COMMUNE</b> [72] OSTENDORFF, ERIC CHARLES, US [71] MATTEL, INC., US [85] 1999-08-11 [86] 1998-05-04 (PCT/US98/08956) [87] 1999-02-18 (WO99/07453) [30] US (08/909,778) 1997-08-12</p>	<p>[21] <b>2,280,723</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C21C 5/52 6F27B 3/22</b> [25] EN [54] <b>METHOD AND DEVICE FOR POSITIONING THE MOUTH OF A CONSUMABLE LANCE</b> [54] <b>PROCEDE ET DISPOSITIF POUR POSITIONNER L'EMBOUCHURE D'UNE LANCE CONSOMMABLE</b> [72] FEUERSTACKE, EWALD, DE [71] MANNESMANN AKTIENGESELLSCHAFT, DE [85] 1999-08-11 [86] 1998-02-10 (PCT/DE98/00442) [87] 1998-08-20 (WO98/36101) [30] DE (197 07 319.0) 1997-02-12</p>
<p>[21] <b>2,280,718</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/545 6A61K 9/00</b> [25] EN [54] <b>ADMINISTRATION OF AN INJECTABLE ANTIBIOTIC IN THE EAR OF AN ANIMAL</b> [54] <b>ADMINISTRATION D'UN ANTIBIOTIQUE INJECTABLE DANS L'OREILLE D'UN ANIMAL</b> [72] BROWN, SCOTT A., US [71] PHARMACIA &amp; UPJOHN COMPANY, US [85] 1999-08-11 [86] 1998-03-16 (PCT/US98/03798) [87] 1998-09-24 (WO98/41207) [30] US (822,195) 1997-03-20</p>	<p>[21] <b>2,280,721</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 19/04</b> [25] EN [54] <b>PROCESS FOR MANUFACTURING CARD-SHAPED DATA CARRIERS</b> [54] <b>PROCEDE DE FABRICATION DE SUPPORTS DE DONNEES EN FORME DE CARTES</b> [72] WASCHK, VOLKER, DE [72] GRUN, HERBERT, DE [72] BLOME, RAINER, DE [71] GIESECKE &amp; DEVRIENT GMBH, DE [85] 1999-08-11 [86] 1998-02-11 (PCT/EP98/00772) [87] 1998-08-13 (WO98/35316) [30] DE (197 05 170.7) 1997-02-11</p>	

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[21] **2,280,724**  
[13] A1

[51] **Int.Cl. 6C10G 45/02 6C10G 45/04**  
[25] EN  
[54] **DESULFURIZATION PROCESS FOR REMOVAL OF REFRACTORY ORGANOSULFUR HETEROCYCLES FROM PETROLEUM STREAMS**  
[54] **PROCEDE DE DESULFURATION PERMETTANT D'ELIMINER DES HETEROCYCLES D'ORGANOSULFURES REFRACTAIRES DE FLUX DE PETROLE**

[72] SOLED, STUART L., US  
[72] BUCHHOLZ, VIKTOR, US  
[72] HO, TEH C., US  
[72] KRYCAK, ROMAN, US  
[72] LEWIS, WILLIAM E., US  
[72] DAAGE, MICHEL, US  
[72] MISEO, SABATO, US  
[72] MCVICKER, GARY B., US  
[71] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[85] 1999-08-11  
[86] 1998-02-26 (PCT/US98/03758)  
[87] 1998-09-03 (WO98/38265)  
[30] US (08/808,100) 1997-02-28

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[21] **2,280,725**  
[13] A1

[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **METHOD FOR GENERATING A GROUP OF PAGE FILES FORMATTED IN A PAGE MARKUP LANGUAGE**  
[54] **PROCEDE POUR GENERER UN GROUPE DE FICHIERS DE PAGES FORMATES DANS UN LANGAGE DE BALISAGE DE PAGES**

[72] CRUSIUS, FRIEDBERT, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 1999-08-11  
[86] 1998-02-11 (PCT/DE98/00380)  
[87] 1998-08-20 (WO98/36367)  
[30] DE (197 05 526.5) 1997-02-13

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[21] **2,280,726**  
[13] A1

[51] **Int.Cl. 6A47K 10/42 6A47K 10/44**  
[25] EN  
[54] **A DISPENSING SYSTEM FOR INDIVIDUAL FOLDED WEBS**  
[54] **SYSTEME DE DISTRIBUTION DE BANDES DE PAPIER PLIEES INDIVIDUELLES**

[72] CHAN, MICHAEL YUWAH, US  
[72] TRAMONTINA, PAUL FRANCIS, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 1999-08-11  
[86] 1998-01-29 (PCT/US98/01707)  
[87] 1998-09-17 (WO98/40002)  
[30] US (08/816,288) 1997-03-13

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[21] **2,280,727**  
[13] A1

[51] **Int.Cl. 6C07D 265/36 6C07D 405/12 6C07D 413/12 6C07D 319/20 6A61K 31/335 6A61K 31/535**

[25] EN  
[54] **BICYCLIC AMINO ACIDS**  
[54] **AMINOACIDES AROMATIQUES BICYCLIQUES**

[72] RIPPMMANN, FRIEDRICH, DE  
[72] DIEFENBACH, BEATE, DE  
[72] RADDATZ, PETER, DE  
[72] MÄRZ, JOACHIM, DE  
[72] WIESNER, MATTHIAS, DE  
[72] GOODMAN, SIMON L., DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, DE  
[85] 1999-08-11  
[86] 1998-02-06 (PCT/EP98/00636)  
[87] 1998-08-20 (WO98/35949)  
[30] DE (197 05 450.1) 1997-02-13

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[21] **2,280,728**  
[13] A1

[51] **Int.Cl. 6F16K 31/22 6F16K 33/00**

[25] EN  
[54] **SELF-METERING RESERVOIR**  
[54] **RESERVOIR AUTO-DOSEUR**

[72] RODGERS, DONALD B., US  
[71] ICON DYNAMICS, LLC, US  
[85] 1999-08-11  
[86] 1998-02-05 (PCT/US98/02382)  
[87] 1998-09-03 (WO98/38478)  
[30] US (08/799,746) 1997-02-12

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[21] **2,280,729**  
[13] A1

[51] **Int.Cl. 6A61M 31/00**  
[25] EN  
[54] **COIL APPARATUS AND METHOD FOR DELIVERING DIAGNOSTIC AND THERAPEUTIC AGENTS INTRAVASCULARLY**  
[54] **ELEMENT ENROULE ET PROCEDE D'ADMINISTRATION INTRAVASCULAIRE POUR AGENTS DIAGNOSTIQUES ET THERAPEUTIQUES**

[72] PURSLEY, MATT D., US  
[72] BROWN, JOE E., US  
[71] PURSLEY, MATT D., US  
[71] BROWN, JOE E., US  
[85] 1999-08-11  
[86] 1998-02-13 (PCT/US98/02770)  
[87] 1998-08-20 (WO98/35717)  
[30] US (08/801,576) 1997-02-14

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[21] **2,280,730**  
[13] A1

[51] **Int.Cl. 6C07D 473/06 6C07D 473/22 6A61K 31/52**

[25] EN  
[54] **SUBSTITUTED (1,3-BIS(CYCLOHEXYLMETHYL)-1,2,3,6-TETRAHYDRO-2,6-DIOXO-9H-PURIN-8-YL)PHENYL DERIVATIVES, THEIR PREPARATION AND THEIR USE IN THE TREATMENT OF INFLAMMATORY CONDITIONS AND IMMUNE DISORDERS**  
[54] **DERIVES DE (1,3-BIS(CYCLOHEXYLMETHYL)-1,2,3,6-TETRAHYDRO-2,6-DIOXO-9H-PURIN-8-YL)PHEHYL SUBSTITUES, LEUR PREPARATION ET LEUR UTILISATION DANS LE TRAITEMENT DE CONDITIONS INFLAMMATOIRES ET DE DESORDRES IMMUNITAIRES**

[72] DALUGE, SUSAN MARY, US  
[72] LIVINGSTONE, DOUGLAS ALAN, US  
[72] WOLBERG, GERALD, US  
[71] GLAXO GROUP LIMITED, GB  
[85] 1999-08-11  
[86] 1998-02-12 (PCT/EP98/00784)  
[87] 1998-08-20 (WO98/35966)  
[30] GB (9703044.9) 1997-02-14

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,280,732</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01M 10/44 6H01M 10/46</b> [25] EN [54] <b>ELECTRONIC METHOD FOR CONTROLLING CHARGED PARTICLES TO OBTAIN OPTIMUM ELECTROKINETIC BEHAVIOR</b> [54] <b>PROCEDE ELECTRONIQUE DE COMMANDE DE PARTICULES CHARGEES POUR OBTENIR UN COMPORTEMENT ELECTROKINETIQUE OPTIMAL</b> [72] WILLIAMSON, FLOYD L., US [71] WILLIAMSON, FLOYD L., US [85] 1999-08-11 [86] 1998-02-18 (PCT/US98/03216) [87] 1998-08-20 (WO98/36466) [30] US (08/802,032) 1997-02-18</p>	<p style="text-align: center;">[21] <b>2,280,735</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01F 27/29 6H01F 17/00</b> [25] EN [54] <b>MONOLITHIC INDUCTOR AND METHOD OF MANUFACTURING SAME</b> [54] <b>INDUCTEUR MONOLITHIQUE ET PROCEDE DE FABRICATION CORRESPONDANT</b> [72] ABRAMOV, IGOR, US [71] PULSE ENGINEERING, INC., US [85] 1999-08-11 [86] 1998-01-21 (PCT/US98/01050) [87] 1998-08-13 (WO98/35367) [30] US (08/798,636) 1997-02-11</p>	<p style="text-align: center;">[21] <b>2,280,738</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29C 35/10 6D21F 11/00 6B29C 43/22</b> [25] EN [54] <b>APPARATUS FOR GENERATING PARALLEL RADIATION FOR CURING PHOTSENSITIVE RESIN</b> [54] <b>GENERATEUR DE RAYONNEMENT PARALLELE POUR LE DURCISSEMENT DE RESINE PHOTSENSIBLE</b> [72] TROKHAN, PAUL DENNIS, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-08-11 [86] 1998-02-13 (PCT/US98/02718) [87] 1998-08-20 (WO98/35805) [30] US (08/799,852) 1997-02-13</p>
<p style="text-align: center;">[21] <b>2,280,733</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C04B 28/24</b> [25] EN [54] <b>ACID RESISTANT CEMENT COMPOSITION</b> [54] <b>COMPOSITION DE CIMENT RESISTANT AUX ACIDES</b> [72] SEMLER, CHARLES, US [72] WILLIAMS, RICHARD, CA [72] HAWISHER, THOMAS, US [72] PIETERSE, HERMAN, US [71] BARRICK GOLD CORPORATION, CA [85] 1999-08-11 [86] 1998-10-01 (PCT/IB98/01674) [87] 1999-06-24 (WO99/31027) [30] US (08/989,728) 1997-12-12</p>	<p style="text-align: center;">[21] <b>2,280,736</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 5/00 6A61K 48/00 6A61K 38/18</b> [25] EN [54] <b>METHODS FOR MODULATING HEMATOPOIESIS AND VASCULAR GROWTH</b> [54] <b>PROCEDES DESTINES A MODULER L'HEMATOPOIESE ET LA CROISSANCE VASCULAIRE</b> [72] FARRINGTON, SARAH M., US [72] BELAOUSSOFF, MARIA, US [72] BARON, MARGARET H., US [71] THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US [85] 1999-08-10 [86] 1998-02-10 (PCT/US98/02633) [87] 1998-08-13 (WO98/35020) [30] US (60/037,513) 1997-02-10 [30] US (60/049,763) 1997-06-16</p>	<p style="text-align: center;">[21] <b>2,280,739</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02F 1/1335</b> [25] EN [54] <b>ILLUMINATION SYSTEM WITH LIGHT RECYCLING TO ENHANCE BRIGHTNESS</b> [54] <b>SYSTEME D'ECLAIRAGE AVEC RECYCLAGE DE LA LUMIERE POUR AMELIORER LA BRILLANCE</b> [72] ZIMMERMAN, SCOTT M., US [72] BEESON, KARL W., US [72] ZOU, HAN, US [71] ALLIEDSIGNAL INC., US [85] 1999-08-11 [86] 1998-02-09 (PCT/US98/02264) [87] 1998-08-20 (WO98/36315) [30] US (60/037,754) 1997-02-13</p>
<p style="text-align: center;">[21] <b>2,280,734</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16D 27/112 6B22D 19/00</b> [25] EN [54] <b>INTEGRAL STEEL-ALUMINUM RING FOR EDDY CURRENT ACTIVATED FRICTION CLUTCH</b> [54] <b>COURONNE INTEGREE ALUMINIUM-ACIER, POUR EMBRAYAGE A FRICTION PAR COURANTS DE FOUCAULT</b> [72] DAVID, JOHN B., US [72] CARLSON, KENT, US [72] VATSAAS, RICK, US [71] HORTON, INC., US [85] 1999-08-11 [86] 1998-02-11 (PCT/US98/03022) [87] 1998-08-13 (WO98/35169) [30] US (08/798,851) 1997-02-12</p>	<p style="text-align: center;">[21] <b>2,280,737</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B27B 5/18 6B23D 47/02 6B23D 45/06 6B23D 47/08</b> [25] EN [54] <b>GUIDING DEVICE FOR A SAW BLADE</b> [54] <b>DISPOSITIF DE GUIDAGE POUR LAME DE SCIE</b> [72] HANSEN, JAN, NO [72] ANDERSEN, TOM ERIK, NO [71] ERNEX AS, NO [85] 1999-08-11 [86] 1998-03-20 (PCT/NO98/00092) [87] 1998-10-08 (WO98/43789) [30] NO (971313) 1997-03-20</p>	



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[21] **2,280,740**  
[13] A1

[51] **Int.Cl. 6B01J 31/00 6B01J 37/00 6C08F 4/02 6C08F 4/60**  
[25] EN  
[54] **ZIEGLER-NATTA CATALYST FOR ETHYLENE POLYMERIZATION OR COPOLYMERIZATION**  
[54] **CATALYSEUR DE ZIEGLER-NATTA DESTINE A LA POLYMERISATION OU A LA COPOLYMERISATION D'ETHYLENE**  
[72] HUSBY, PER KRISTIAN, US  
[72] YISSIN, YURY VIKTOROVICH, US  
[72] NOWLIN, THOMAS EDWARD, US  
[72] HAGERTY, ROBERT OLDS, US  
[72] MINK, ROBERT IVAN, US  
[71] MOBIL OIL CORPORATION, US  
[85] 1999-08-11  
[86] 1998-02-10 (PCT/US98/02561)  
[87] 1998-08-13 (WO98/34724)  
[30] US (08/799,086) 1997-02-11

[21] **2,280,741**  
[13] A1

[51] **Int.Cl. 6C12N 5/00 6C12N 1/14 6C12N 1/16 6C12N 1/20**  
[25] EN  
[54] **DRY POWDER CELLS AND CELL CULTURE REAGENTS AND METHODS OF PRODUCTION THEREOF**  
[54] **CELLULES EN POUDRE ET REACTIFS DE CULTURE CELLULAIRE ET METHODES DE PRODUCTION AFFERENTS**  
[72] BIDDLE, WILLIAM, US  
[72] WHITFORD, WILLIAM, US  
[72] FIKE, RICHARD, US  
[71] LIFE TECHNOLOGIES, INC., US  
[85] 1999-08-13  
[86] 1998-02-17 (PCT/US98/02829)  
[87] 1998-08-20 (WO98/36051)  
[30] US (60/040,314) 1997-02-14  
[30] US (60/058,716) 1997-09-12  
[30] US (60/062,192) 1997-10-16

[21] **2,280,742**  
[13] A1

[51] **Int.Cl. 6A61K 31/445 6A61K 31/40 6A61K 31/44**  
[25] EN  
[54] **METHOD OF USING NEUROTROPHIC SULFONAMIDE COMPOUNDS**  
[54] **PROCEDE D'UTILISATION DE COMPOSES DE SULFAMIDES NEUROTROPHIQUES**  
[72] STEINER, JOSEPH P., US  
[72] HAMILTON, GREGORY S., US  
[72] LI, JIA-HE, US  
[71] GUILFORD PHARMACEUTICALS INC., US  
[85] 1999-08-11  
[86] 1998-02-11 (PCT/US98/02215)  
[87] 1998-08-20 (WO98/35675)  
[30] US (08/799,407) 1997-02-12

[21] **2,280,743**  
[13] A1

[51] **Int.Cl. 6A61M 16/04**  
[25] EN  
[54] **OROTRACHEAL INTUBATION GUIDE**  
[54] **GUIDE-TUBE D'INTUBATION ORO-TRACHEALE**  
[72] PARKER, JEFFREY D., US  
[71] PARKER MEDICAL LIMITED PARTNERSHIP, US  
[85] 1999-08-13  
[86] 1998-03-13 (PCT/US98/05029)  
[87] 1998-09-24 (WO98/41272)  
[30] US (819,289) 1997-03-18  
[30] US (829,737) 1997-03-31

[21] **2,280,744**  
[13] A1

[51] **Int.Cl. 6A61K 31/44**  
[25] EN  
[54] **ANTICANCER COMPOSITION COMPRISING A DIAMINOTRIFLUOROMETHYLPYRIDINE DERIVATIVE**  
[54] **COMPOSITION ANTICANCEREUSE COMPRENANT UN DERIVE DE DIAMINOTRIFLUOROMETHYLPYRIDINE**  
[72] OGURA, YOSHIFUMI, JP  
[71] ISHIHARA SANGYO KAISHA LTD., JP  
[85] 1999-08-11  
[86] 1998-02-26 (PCT/JP98/00776)  
[87] 1998-09-03 (WO98/37887)  
[30] JP (9/60083) 1997-02-28

[21] **2,280,745**  
[13] A1

[51] **Int.Cl. 6A61L 27/00**  
[25] EN  
[54] **BONE PASTE**  
[54] **PATE POUR OS**  
[72] GROOMS, JAMIE M., US  
[72] WIRONEN, JOHN F., US  
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US  
[71] UNIVERSITY OF FLORIDA TISSUE BANK, INC., US  
[85] 1999-08-13  
[86] 1998-03-12 (PCT/US98/04904)  
[87] 1998-09-17 (WO98/40113)  
[30] US (816,079) 1997-03-13

[21] **2,280,747**  
[13] A1

[51] **Int.Cl. 6A61K 7/48**  
[25] EN  
[54] **SERINE PROTEASE AND TOPICAL RETINOID COMPOSITIONS**  
[54] **SERINE PROTEASE ET COMPOSITIONS RETINOIDES TOPIQUES**  
[72] CAUWENBERG, GERARD F., US  
[72] SEIBERG, MIRI, US  
[72] SHAPIRO, STANLEY S., US  
[72] WISNIEWSKI, STEPHEN J., US  
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US  
[85] 1999-08-11  
[86] 1998-02-06 (PCT/US98/02618)  
[87] 1998-11-05 (WO98/48775)  
[30] US (60/037,605) 1997-02-12  
[30] US (09/015,565) 1998-01-29

[21] **2,280,748**  
[13] A1

[51] **Int.Cl. 6B65D 75/26 6B31B 39/00 6B29C 65/02 6B65D 75/30**  
[25] EN  
[54] **PERIMETER SEALS AND ENCAPSULATED SEAM FOR MULTILAYER MATERIALS**  
[54] **JOINTS PERIPHERIQUES ET JOINT A RECOUVREMENT ENCAPSULE POUR MATERIAUX A COUCHES MULTIPLES**  
[72] BUCHANAN, BRADLEY, US  
[72] ROSENBAUM, LARRY, US  
[72] GIOVANETTO, STEVEN H., US  
[72] SMITH, SIDNEY T., US  
[71] BAXTER INTERNATIONAL INC., US  
[85] 1999-08-11  
[86] 1998-12-18 (PCT/US98/27006)  
[87] 1999-07-08 (WO99/33714)  
[30] US (08/998,256) 1997-12-24  
[30] US (09/016,236) 1998-01-30

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[21] **2,280,749**  
[13] A1

[51] **Int.Cl. 6A24C 5/18**  
[25] EN  
[54] **INCORPORATING SMOKE-MODIFYING AGENTS IN SMOKING MATERIAL RODS**  
[54] **INTRODUCTION D'AGENTS MODIFIANT LA FUMEE DANS DES BOUDINS DE MATIERE A FUMER**  
[72] OLIVER, RICHARD, GB  
[72] CLARINGBOULD, ANTHONY CRAIG, GB  
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB  
[85] 1999-08-13  
[86] 1998-02-13 (PCT/GB98/00460)  
[87] 1998-08-27 (WO98/36650)  
[30] GB (9703358.3) 1997-02-18

[21] **2,280,750**  
[13] A1

[51] **Int.Cl. 6H04Q 7/38 6H04Q 7/24**  
[25] EN  
[54] **RESTRICTED MOBILITY AREA ZONE DE MOBILITE REDUITE**  
[72] RUNE, JOHAN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-08-13  
[86] 1998-01-30 (PCT/SE98/00141)  
[87] 1998-08-27 (WO98/37722)  
[30] SE (9700596-1) 1997-02-20

[21] **2,280,752**  
[13] A1

[51] **Int.Cl. 6G01N 33/48 6C12Q 1/42 6C12Q 1/48 6G01N 33/567 6G01N 33/574 6G01N 33/58**  
[25] EN  
[54] **DRUG SCREEN TARGETING LIPOPROTEIN-MEMBRANE ANCHORAGE**  
[54] **CIBLAGE DU POINT D'ANCORAGE DES LIPOPROTEINES SUR LES MEMBRANES EN VUE DE LA SELECTION DE MEDICAMENTS**  
[72] KLOOG, YOEL, IL  
[72] PAZ, ARIELLA, IL  
[72] HNAKLAI, RONI, IL  
[71] THYREOS CORPORATION, US  
[85] 1999-08-13  
[86] 1998-02-26 (PCT/US98/03669)  
[87] 1998-09-03 (WO98/38509)  
[30] US (60/038,518) 1997-02-26

[21] **2,280,753**  
[13] A1

[51] **Int.Cl. 6C07D 211/22 6C07D 217/02 6C07D 221/04 6C07D 401/04 6C07D 403/04 6C07D 471/04 6C07D 513/04 6C07D 491/056 6C07D 295/08 6C07D 295/10 6C07D 295/12 6C07D 401/14 6C07D 405/14 6C07D 409/14 6C07D 417/14 6C07D 295/18 6A61K 31/40 6A61K 31/435 6A61K 31/445 6A61K 31/47 6A61K 31/495 6A61K 31/535 6A61K 31/55**  
[25] EN  
[54] **1,4-SUBSTITUTED CYCLIC AMINE DERIVATIVES**  
[54] **DERIVES AMINES CYCLIQUES 1,4-SUBSTITUES**  
[72] SASAKI, ATSUSHI, JP  
[72] MATSUNAGA, MANABU, JP  
[72] KIMURA, TEIJI, JP  
[72] KOMATSU, MAKOTO, JP  
[72] UENO, KOHSHI, JP  
[72] KUBOTA, ATSUSHI, JP  
[72] OKABE, TADASHI, JP  
[72] TAKAHASHI, KEIKO, JP  
[72] KAWANO, KOKI, JP  
[72] KITAZAWA, NORITAKA, JP  
[71] EISAI CO., LTD., JP  
[85] 1999-08-16  
[86] 1998-03-31 (PCT/JP98/01481)  
[87] 1998-10-08 (WO98/43956)  
[30] JP (9-98433) 1997-03-31  
[30] JP (9-366764) 1997-12-26

[21] **2,280,754**  
[13] A1

[51] **Int.Cl. 6E05B 47/06**  
[25] EN  
[54] **ELECTROMECHANICAL CYLINDER LOCK**  
[54] **SERRURE A CYLINDRE ELECTRONIQUE**  
[72] KERR, DUNCAN, US  
[72] FIELD, PETER, US  
[71] MEDECO SECURITY LOCKS, INC., US  
[85] 1999-08-13  
[86] 1997-05-23 (PCT/US97/08613)  
[87] 1998-08-20 (WO98/36142)  
[30] US (08/800,742) 1997-02-14

[21] **2,280,755**  
[13] A1

[51] **Int.Cl. 6H03K 5/1252**  
[25] EN  
[54] **METHOD AND ELECTRICAL CIRCUIT FOR DELAY TIME REGULATION IN VARYING PULSE RECURRENCE FREQUENCIES**  
[54] **PROCEDE ET CIRCUIT ELECTRIQUE POUR LA REGULATION DU TEMPS DE RETARD DANS DES FREQUENCES VARIABLES DE RECURRENCE DES IMPULSIONS**  
[72] ZILLER, GERHARD, DE  
[72] ZIELINSKI, MICHAEL, DE  
[71] MTU MOTOREN- UND TURBINEN-UNION MUNCHEN GMBH, DE  
[85] 1999-08-11  
[86] 1998-12-16 (PCT/DE98/03699)  
[87] 1999-07-01 (WO99/33176)  
[30] DE (197 56 664) 1997-12-19

[21] **2,280,756**  
[13] A1

[51] **Int.Cl. 6A61M 16/00**  
[25] EN  
[54] **PROCESS FOR SWITCHING THE INSPIRATION OR EXPIRATION PHASE DURING CPAP THERAPY**  
[54] **PROCEDE POUR FAIRE DEMARRER LA PHASE D'INSPIRATION OU D'EXPIRATION PENDANT UNE THERAPIE PAR VENTILATION SPONTANEE EN PRESSION POSITIVE CONTINUE**  
[72] VOGELE, HARALD, DE  
[72] GRIEBEL, JUTTA, DE  
[72] MADAUS, STEFAN, DE  
[71] MAP MEDIZINTECHNIK FUR ARZT UND PATIENT GMBH, DE  
[85] 1999-08-16  
[86] 1998-02-17 (PCT/EP98/00906)  
[87] 1998-08-20 (WO98/35715)  
[30] DE (197 06 092.7) 1997-02-17

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<p style="text-align: right;">[21] <b>2,280,757</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/04</b> [25] EN [54] <b>METHOD AND APPARATUS FOR MINIMALLY INVASIVE PELVIC SURGERY</b> [54] <b>PROCEDE ET APPAREIL DE CHIRURGIE PELVIENNE PEU VULNERANTE</b> [72] PINTAURO, WILLIAM, US [72] APPELL, RODNEY, US [72] MORIN, ARMAND A., US [72] SAUVAGEAU, DAVID, US [72] GELLMAN, BARRY N., US [72] BRENNEMAN, RODNEY, US [71] BOSTON SCIENTIFIC IRELAND LIMITED, BB [85] 1999-08-12 [86] 1998-02-13 (PCT/US98/03069) [87] 1998-08-20 (WO98/35606) [30] US (60/038,380) 1997-02-13</p>	<p style="text-align: right;">[21] <b>2,280,761</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07H 19/04 6A61K 31/70</b> [25] EN [54] <b>BENZIMIDAZOLE DERIVATIVES</b> [54] <b>DERIVES DE BENZIMIDAZOLE</b> [72] KOSZALKA, GEORGE WALTER, US [72] FREEMAN, GEORGE ANDREW, US [72] CHAMBERLAIN, STANLEY DAWES, US [72] CHAN, JOSEPH HOWING, US [72] TIDWELL, JEFFREY H., US [72] TOWNSEND, LEROY B., US [72] DRACH, JOHN C., US [71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US [71] GLAXO GROUP LIMITED, GB [85] 1999-08-12 [86] 1998-02-13 (PCT/GB98/00448) [87] 1998-08-20 (WO98/35977) [30] US (60/037,992) 1997-02-13 [30] GB (9703134.8) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,280,764</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 9/32 6G06F 9/42</b> [25] EN [54] <b>METHOD AND SYSTEM FOR BRANCH PREDICTION</b> [54] <b>PROCEDE ET SYSTEME DE PREVISION DE BRANCHEMENT</b> [72] HOLMBERG, PER, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-08-11 [86] 1998-02-03 (PCT/SE98/00190) [87] 1998-08-20 (WO98/36350) [30] SE (9700475-8) 1997-02-12</p>
<p style="text-align: right;">[21] <b>2,280,759</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01Q 9/00</b> [25] EN [54] <b>MICROSTRIP ANTENNA AND ARRAY ANTENNA</b> [54] <b>ANTENNE MICRORUBAN ET ANTENNE RESEAU</b> [72] LINDQVIST, CHISTER, SE [72] SNYGG, GORAN, SE [72] TORSTENSSON, LARS, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-08-11 [86] 1998-02-13 (PCT/SE98/00254) [87] 1998-08-20 (WO98/36473) [30] SE (9700536-7) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,280,762</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01Q 1/38 6H01Q 21/24</b> [25] EN [54] <b>DEVICE IN ANTENNA UNITS</b> [54] <b>DISPOSITIF EQUIPANT DES UNITES ANTENNE</b> [72] SANDSTEDT, JONAS, SE [72] JOHANNISSON, BJORN, SE [72] SNYGG, GORAN, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-08-11 [86] 1998-01-30 (PCT/SE98/00135) [87] 1998-08-20 (WO98/36470) [30] SE (9700540-9) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,280,765</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63F 7/04 6A63F 7/02</b> [25] EN [54] <b>GAME WITH BUOYANT OBJECTS COMPRISING FERROUS MATERIAL IMMERSED IN LIQUID</b> [54] <b>JEU COMPORTANT DES OBJETS FLOTTANTS, RENFERMANT DES MATIERES FERREUSES, IMMERGES DANS UN LIQUIDE</b> [72] GIBSON, KEVIN, CA [71] GIBSON, KEVIN, CA [85] 1999-08-12 [86] 1998-02-06 (PCT/CA98/00064) [87] 1998-08-27 (WO98/36810) [30] US (802,414) 1997-02-18</p>
<p style="text-align: right;">[21] <b>2,280,760</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 77/04 6B65D 30/08 6B65D 77/12</b> [25] EN [54] <b>BAG-IN-BAG PACKAGING SYSTEM</b> [54] <b>SYSTEME D'EMBALLAGE EN SAC DOUBLE</b> [72] BOURNE, ANTHONY, NZ [72] WOOD, ALEXANDER CHARLES, NZ [72] KOHN, UWE, DE [71] H A HOLMES &amp; CO. LIMITED, NZ [85] 1999-08-16 [86] 1998-02-12 (PCT/NZ98/00017) [87] 1998-08-20 (WO98/35886) [30] NZ (314258) 1997-02-17 [30] NZ (328291) 1997-07-09 [30] NZ (329346) 1997-12-05</p>	<p style="text-align: right;">[21] <b>2,280,763</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H03B 11/10 6G01S 7/282 6G01F 23/284 6H03K 3/335</b> [25] EN [54] <b>MICROWAVE PULSE GENERATOR AND PULSE-ECHORANGING SYSTEM</b> [54] <b>GENERATEUR D'IMPULSIONS MICRO-ONDES ET SYSTEME DE MESURE DE DISTANCE PAR ECHO D'IMPULSION</b> [72] CHEREK, BOGDAN, CA [72] PANTON, STANLEY, CA [71] MILLTRONICS LTD., CA [85] 1999-08-16 [86] 1998-02-17 (PCT/CA98/00117) [87] 1998-08-20 (WO98/36490) [30] GB (9703234.6) 1997-02-17</p>	<p style="text-align: right;">[21] <b>2,280,766</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D06P 1/52 6D06P 3/66</b> [25] EN [54] <b>DYEING OF TEXTILES</b> [54] <b>TEINTURE DE TEXTILES</b> [72] GORDON, ROY, GB [72] BURKINSHAW, STEPHEN MARTIN, GB [72] COLLINS, GEOFFREY WILLIAM, GB [71] IMPERIAL CHEMICAL INDUSTRIES PLC, GB [85] 1999-08-16 [86] 1998-02-18 (PCT/GB98/00499) [87] 1998-08-27 (WO98/37270) [30] GB (9703813.7) 1997-02-24</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,280,767</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 7/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR ACQUIRING AND TRACKING THE SAMPLING PHASE OF A SIGNAL</b> [54] <b>PROCEDE ET DISPOSITIF PERMETTANT D'OBTENIR ET DE SUIVRE LA PHASE D'ECHANTILLONNAGE D'UN SIGNAL</b> [72] RAINISH, DORON, IL [71] D.S.P.C. TECHNOLOGIES LTD., IL [85] 1999-08-12 [86] 1998-02-11 (PCT/IL98/00068) [87] 1998-09-03 (WO98/38742) [30] IL (120222) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,280,770</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 9/12 6C12N 15/00 6C07H 21/02 6A01N 43/04</b> [25] EN [54] <b>GENE THERAPY FOR ALLEVIATING ERECTILE DYSFUNCTION</b> [54] <b>THERAPIE GENIQUE UTILISEE DANS LE TRAITEMENT DE LA DYSERECTION</b> [72] MELMAN, ARNOLD, US [72] GELIEBTER, JAN, US [72] REHMAN, JAMIL, US [72] CHRIST, GEORGE J., US [71] ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY, US [85] 1999-08-12 [86] 1998-02-05 (PCT/US98/02249) [87] 1998-08-20 (WO98/36055) [30] US (08/799,144) 1997-02-13</p>	<p style="text-align: right;">[21] <b>2,280,772</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D04H 1/54 6G10K 11/00 6D04H 1/46 6D04H 1/48 6E04B 1/84</b> [25] EN [54] <b>SOUNDPROOFING MATERIAL AND THE USE THEREOF</b> [54] <b>MATERIAU D'INSONORISATION ET SON UTILISATION</b> [72] SINAMBARI, GHOLAM REZA, DE [72] RIEDIGER, WOLFGANG, DE [72] JOCHIM, GEORG, DE [72] THORN, UDO, DE [71] LOHMANN GMBH &amp; CO. KG, DE [85] 1999-08-16 [86] 1998-02-09 (PCT/EP98/00686) [87] 1998-09-03 (WO98/38370) [30] DE (197 08 188.6) 1997-02-28</p>
<p style="text-align: right;">[21] <b>2,280,768</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A21D 2/16 6A21D 13/08</b> [25] EN [54] <b>METHOD FOR MAKING REDUCED FAT DOUGH AND COMPOSITIONS RESULTING THEREFROM</b> [54] <b>PROCEDE DE FABRICATION DE PATE DE CUISSON A TENEUR ALLEGEE EN MATIERES GRASSES, ET COMPOSITIONS OBTENUES A PARTIR DE CETTE PATE</b> [72] PANDA, FERN A., US [72] THOMAS, DAVID J., US [72] HUANG, VICTOR T., US [71] THE PILLSBURY COMPANY, US [85] 1999-08-11 [86] 1998-02-16 (PCT/US98/03279) [87] 1998-09-11 (WO98/38870) [30] US (08/805,920) 1997-03-04</p>	<p style="text-align: right;">[21] <b>2,280,771</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08L 101/14 6A61L 15/60</b> [25] EN [54] <b>MIXED-BED ION-EXCHANGE HYDROGEL-FORMING POLYMER COMPOSITIONS AND ABSORBENT MEMBERS COMPRISING RELATIVELY HIGH CONCENTRATIONS OF THESE COMPOSITIONS</b> [54] <b>COMPOSITIONS POLYMERES FORMANT UN HYDROGEL A SYSTEME ECHANGE D'IONS ET A LITS MELANGES ET ELEMENTS ABSORBANTS AYANT DES CONCENTRATIONS RELATIVEMENT ELEVEES DE CES COMPOSITIONS</b> [72] GOLDMAN, STEPHEN ALLEN, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-08-11 [86] 1998-02-09 (PCT/US98/02517) [87] 1998-08-27 (WO98/37149) [30] US (60/038,228) 1997-02-19</p>	<p style="text-align: right;">[21] <b>2,280,773</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/66 6A61K 31/13</b> [25] EN [54] <b>METHODS FOR THE ADMINISTRATION OF AMIFOSTINE</b> [54] <b>PROCEDES D'ADMINISTRATION D'AMIFOSTINE</b> [72] SCHEIN, PHILIP S., US [72] STOGNIEW, MARTIN, US [71] U.S. BIOSCIENCE, INC., US [85] 1999-08-12 [86] 1998-02-11 (PCT/US98/03614) [87] 1998-08-13 (WO98/34622) [30] US (08/798,840) 1997-02-12</p>
<p style="text-align: right;">[21] <b>2,280,769</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01F 17/00 6A61K 7/00 6C08G 65/32</b> [25] EN [54] <b>SURFACTANTS</b> [54] <b>SURFACTANTS</b> [72] CARPENTER, NEIL MICHAEL, GB [72] TENORE, RICHARD ROBERT, US [72] ANDERSON, STEVEN JOHN, GB [72] HIBBERT, PETER GLYNN, US [71] IMPERIAL CHEMICAL INDUSTRIES PLC, GB [85] 1999-08-16 [86] 1998-02-24 (PCT/GB98/00562) [87] 1998-09-03 (WO98/37957) [30] GB (9704126.3) 1997-02-27</p>	<p style="text-align: right;">[21] <b>2,280,774</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A45D 2/00</b> [25] EN [54] <b>HAIR STYLING TONGS</b> [54] <b>PINCE A COIFFER</b> [72] SMAL, HENRI, BE [71] FACO S.A., BE [85] 1999-08-16 [86] 1998-02-13 (PCT/BE98/00020) [87] 1998-08-20 (WO98/35578) [30] BE (9700146) 1997-02-17</p>	

## PCT Applications Entering the National Phase

<p>[21] <b>2,280,775</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 9/30</b> [25] EN [54] <b>CYCLOTOMIC POLYNOMIAL CONSTRUCTION OF DISCRETE LOGARITHM CRYPTOSYSTEMS OVER FINITE FIELDS</b> [54] <b>CONSTRUCTION POLYNOMIALE CYCLOTOMIQUE DE SYSTEMES CRYPTOGRAPHIQUES A LOGARITHME DISCRET SUR DES CORPS FINIS</b> [72] LENSTRA, ARJEN K., US [71] CITIBANK, N.A., US [85] 1999-08-12 [86] 1997-09-26 (PCT/US97/17304) [87] 1998-08-20 (WO98/36526) [30] US (08/800,669) 1997-02-14</p>	<p>[21] <b>2,280,777</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08L 23/04 6C09D 123/04 6C08J 5/18</b> [25] EN [54] <b>SYNERGISTIC BLENDS OF POLYETHYLENES EXHIBITING ENHANCED GLOSS PROPERTIES</b> [54] <b>MELANGES SYNERGIQUES DE POLYETHYLENES PRESENTANT DES PROPRIETES DE BRILLANCE AMELIOREES</b> [72] EDWARDS, RAY, US [72] BEALL, WHITNEY KAY, US [71] EASTMAN CHEMICAL COMPANY, US [85] 1999-08-16 [86] 1998-02-18 (PCT/US98/03173) [87] 1998-08-27 (WO98/37138) [30] US (60/035,406) 1997-02-19 [30] US (60/055,773) 1997-08-14 [30] US (09/023,440) 1998-02-13</p>	<p>[21] <b>2,280,780</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 201/08</b> [25] EN [54] <b>PROCESS TO CONTINUOUSLY PREPARE AN AQUEOUS MIXTURE OF .EPSILON.-CAPROLACTAM AND .EPSILON.-CAPROLACTAM PRECURSORS</b> [54] <b>PROCEDE DE PREPARATION EN CONTINU D'UN MELANGE AQUEUX DE .EPSILON.-CAPROLACTAME ET DE PRECURSEURS DE .EPSILON.-CAPROLACTAME</b> [72] HERKES, FRANK EDWARD, US [72] BOOGERS, JEROEN ANTONIUS FRANCISCUS, NL [72] PESTMAN, ROBERT, NL [71] DSM N.V., NL [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 1999-08-12 [86] 1998-02-10 (PCT/NL98/00083) [87] 1998-08-20 (WO98/35938) [30] US (08/800,324) 1997-02-14</p>
<p>[21] <b>2,280,776</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/19 6A23L 1/16 6A23L 1/22 6A23L 1/30 6A61K 31/365 6A61K 35/78</b> [25] EN [54] <b>ATHLETIC ENDURANCE INCREASING AGENT IN FOOD</b> [54] <b>AGENT AUGMENTANT L'ENDURANCE ATHLETIQUE ET ALIMENT LE CONTENANT</b> [72] ANNO, TAKAHIKO, JP [72] FUSHIKI, TOHRU, JP [72] TOMI, HIRONORI, JP [72] ISHIHARA, KENGO, JP [71] NIPPON SHINYAKU CO., LTD., JP [85] 1999-08-11 [86] 1998-02-09 (PCT/JP98/00533) [87] 1998-08-20 (WO98/35664) [30] JP (9/28914) 1997-02-13</p>	<p>[21] <b>2,280,778</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05K 13/00</b> [25] EN [54] <b>TRANSPORT APPARATUS FOR THIN, BOARD-SHAPED SUBSTRATES</b> [54] <b>APPAREIL DE TRANSPORT POUR DES SUBSTRATS EN FORME DE PLAQUETTES MINCES</b> [72] KRAFT, GERHARD, DE [72] RUEGGE, ANTON, CH [72] KUSTER, KASPAR, CH [72] RECKERT, TORSTEN, US [71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH [85] 1999-08-12 [86] 1998-01-15 (PCT/EP98/00214) [87] 1998-09-11 (WO98/39958) [30] EP (97103632.2) 1997-03-05</p>	<p>[21] <b>2,280,781</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 7/12</b> [25] EN [54] <b>INFUSION SYSTEMS AND METHODS FOR INTRODUCING FLUIDS INTO THE BODY WITHIN A DESIRED TEMPERATURE RANGE</b> [54] <b>SYSTEMES D'INJECTION ET PROCEDES D'ADMINISTRATION DE FLUIDES DANS LE CORPS DANS UNE PLAGES DE TEMPERATURES DESIREE</b> [72] GINSBURG, ROBERT, US [71] RADIANT MEDICAL, INC., US [85] 1999-08-16 [86] 1998-01-21 (PCT/US98/01259) [87] 1998-07-23 (WO98/31312) [30] US (08/787,425) 1997-01-22</p>

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[21] **2,280,783**  
[13] A1

[51] **Int.Cl. 6G06F 1/00 6G06K 11/18**  
[25] EN  
[54] **CONTACTLESS LOG-ON SYSTEM FOR COMPUTERS**  
[54] **SYSTEME DE DEMANDE DE CONNEXION SANS CONTACT POUR ORDINATEUR**  
[72] GSTOHL, ANTON, LI  
[71] MOBILTRADING & FINANCING ANSTALT, LI  
[85] 1999-08-16  
[86] 1998-02-19 (PCT/EP98/00964)  
[87] 1998-09-11 (WO98/39702)  
[30] DE (197 06 494.9) 1997-02-19

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[21] **2,280,784**  
[13] A1

[51] **Int.Cl. 6C07H 5/02**  
[25] EN  
[54] **CHROMATOGRAPHIC PURIFICATION OF CHLORINATED SUCROSE**  
[54] **PURIFICATION CHROMATOGRAPHIQUE DE SUCROSE CHLORE**  
[72] LEINHOS, DUANE, US  
[72] CATANI, STEPHEN J., US  
[72] O'CONNOR, THOMAS, IE  
[71] McNEIL-PPC INC., US  
[85] 1999-08-12  
[86] 1998-02-11 (PCT/US98/02927)  
[87] 1998-08-20 (WO98/35974)  
[30] US (60/046,980) 1997-02-13

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[21] **2,280,785**  
[13] A1

[51] **Int.Cl. 6C09D 123/06**  
[25] EN  
[54] **HIGH GLOSS POLYETHYLENE COATING**  
[54] **REVETEMENT A BASE DE POLYETHYLENE A BRILLANT ELEVE**  
[72] BEALL, WHITNEY KAY, US  
[72] EDWARDS, RAY, US  
[71] EASTMAN CHEMICAL COMPANY, US  
[85] 1999-08-16  
[86] 1998-02-18 (PCT/US98/02944)  
[87] 1998-08-27 (WO98/37158)  
[30] US (60/036,297) 1997-02-19  
[30] US (09/023,900) 1998-02-13

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[21] **2,280,786**  
[13] A1

[51] **Int.Cl. 6C07D 327/02 6C07C 309/06 6C07C 309/80**  
[25] EN  
[54] **PROCESS FOR PREPARING FLUORINATED BETA-SULTONES**  
[54] **PROCEDE DE PREPARATION DE BETA-SULFONES FLUOREES**  
[72] LAMANNA, WILLIAM M., US  
[72] CHEBURKOV, YURI, US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1999-08-12  
[86] 1997-12-30 (PCT/US97/24107)  
[87] 1998-08-20 (WO98/35953)  
[30] US (08/802193) 1997-02-18

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[21] **2,280,787**  
[13] A1

[51] **Int.Cl. 6C07K 14/47 6G01N 33/68**  
[25] EN  
[54] **FTCD ANTIGEN**  
[54] **ANTIGENE FTCD**  
[72] ALVAREZ, FERNANDO, CA  
[71] HOPITAL SAINTE-JUSTINE, CA  
[85] 1999-08-12  
[86] 1998-02-13 (PCT/CA98/00116)  
[87] 1998-08-20 (WO98/35987)  
[30] US (60/038,021) 1997-02-14

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[21] **2,280,788**  
[13] A1

[51] **Int.Cl. 6C09D 5/03**  
[25] EN  
[54] **COLOURED POWDERY COATING MASS**  
[54] **MATIERE DE REVETEMENT PULVERULENTE COLOREE**  
[72] SIMON, PETER, DE  
[72] BLATTER, KARSTEN, DE  
[71] AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO KG, DE  
[85] 1999-08-16  
[86] 1998-02-11 (PCT/EP98/00746)  
[87] 1998-08-20 (WO98/36030)  
[30] DE (197 05 960.0) 1997-02-17

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[21] **2,280,789**  
[13] A1

[51] **Int.Cl. 6C08G 63/78 6C09D 5/03 6C08G 63/81**  
[25] EN  
[54] **BALL-SHAPED POLYESTER PARTICLES CAPABLE OF CROSSLINKING AT LOW TEMPERATURE, PRODUCTION THEREOF AND USE OF SAME FOR POWDER LACQUERS**  
[54] **PARTICULES DE POLYESTER DE FORME SPHERIQUE, EVENTUELLEMENT RETICULABLES A BASSE TEMPERATURE, MODE DE FABRICATION ET APPLICATION POUR LES LAQUES EN POUFRE**  
[72] SIMON, PETER, DE  
[72] BLATTER, KARSTEN, DE  
[71] AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO KG, DE  
[85] 1999-08-16  
[86] 1998-02-11 (PCT/EP98/00747)  
[87] 1998-08-20 (WO98/36010)  
[30] DE (197 05 961.9) 1997-02-17

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[21] **2,280,790**  
[13] A1

[51] **Int.Cl. 6B32B 27/40 6B32B 7/02 6A41D 31/02**  
[25] EN  
[54] **BREATHABLE MULTILAYER FOIL**  
[54] **FEUILLE MULTICOUCHE A ACTIVITE RESPIRATOIRE**  
[72] SCHULTZE, DIRK, DE  
[72] SCHLEDJEWSKI, RALF, DE  
[71] WOLFF WALSRODE AG, DE  
[85] 1999-08-16  
[86] 1998-02-09 (PCT/EP98/00694)  
[87] 1998-08-27 (WO98/36908)  
[30] DE (197 06 380.2) 1997-02-19

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[21] **2,280,791**  
[13] A1  
[51] **Int.Cl. 6C12N 15/70 6C12N 15/06 6C12N 5/10 6C07K 16/18 6C12N 5/20 6C12N 1/21 6A61K 39/395 6C07K 14/47 6G01N 33/577 6G01N 33/68**  
[25] EN  
[54] **IMMUNOLOGICAL DETECTION OF PRIONS**  
[54] **DETECTION IMMUNOLOGIQUE DE PRIONS**  
[72] MOSER MARKUS, CH  
[72] KORTH, CARSTEN, US  
[72] OESCH, BRUNO, CH  
[72] STIERLI, BEAT, CH  
[72] STREIT, PETER, CH  
[71] KANTON ZURICH VERTRETEN DURCH DIE ERZIEHUNGSDIREKTION, CH  
[85] 1999-08-13  
[86] 1998-02-18 (PCT/EP98/00917)  
[87] 1998-08-27 (WO98/37210)  
[30] EP (97102837.8) 1997-02-21

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[21] **2,280,793**  
[13] A1  
[51] **Int.Cl. 6B42D 15/10**  
[25] EN  
[54] **DOCUMENT MADE FRAUD-PROOF BY AN IRREVERSIBLY DISTORTABLE WEAKENING PATTERN**  
[54] **DOCUMENT RENDU INFALSIFIABLE PAR UN ELEMENT D'AFFAIBLISSEMENT A DEFORMATION IRREVERSIBLE**  
[72] COBBEN, JOHANNES IGNATIUS MARIE, NL  
[71] INDUSTRIAL AUTOMATION INTEGRATORS (IAI) B.V., NL  
[85] 1999-08-11  
[86] 1998-02-18 (PCT/NL98/00099)  
[87] 1998-08-27 (WO98/36916)  
[30] NL (1005313) 1997-02-19

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[21] **2,280,794**  
[13] A1  
[51] **Int.Cl. 6G01N 33/553**  
[25] EN  
[54] **PLASMON RESONANT PARTICLES, METHODS AND APPARATUS**  
[54] **PARTICULES RESONANTES DE TYPE PLASMON, PROCEDES ET DISPOSITIFS ASSOCIES**  
[72] SMITH, DAVID R., US  
[72] SCHULTZ, SHELDON, US  
[72] MOCK, JACK J., US  
[72] SCHULTZ, DAVID A., US  
[72] SILVA, THOMAS J., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 1999-08-12  
[86] 1998-02-20 (PCT/US98/02995)  
[87] 1998-08-27 (WO98/37417)  
[30] US (60/038,677) 1997-02-20

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[21] **2,280,795**  
[13] A1  
[51] **Int.Cl. 6C01B 33/16 6C09C 1/30**  
[25] EN  
[54] **HYDROPHOBIC SILICA GELS WITH REDUCED SURFACE AREA**  
[54] **GELS DE SILICE HYDROPHOBES PRESENTANT UNE ZONE SUPERFICIELLE LIMITEE**  
[72] REESE, CLIFFORD C., US  
[72] BURNS, GARY T., US  
[72] LENTZ, CHARLES W., US  
[72] HAHN, JAMES R., US  
[71] DOW CORNING CORPORATION, US  
[85] 1999-08-12  
[86] 1998-02-18 (PCT/US98/03273)  
[87] 1998-08-27 (WO98/37020)  
[30] US (08/806,005) 1997-02-24

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[21] **2,280,796**  
[13] A1  
[51] **Int.Cl. 6B29C 39/24**  
[25] EN  
[54] **PULSED PRESSURIZED POWDER FEED SYSTEM AND METHOD FOR UNIFORM PARTICULATE MATERIAL DELIVERY**  
[54] **SYSTEME D'ALIMENTATION EN POUDDRE SOUS PRESSION ET DE MANIERE PULSEE ET PROCEDE DE DISTRIBUTION DE MATERIAU PARTICULAIRE HOMOGENE**  
[72] BEANE, GLENN L., US  
[72] LASHMORE, DAVID S., US  
[71] MATERIALS INNOVATION, INC., US  
[85] 1999-08-12  
[86] 1998-01-09 (PCT/US98/00308)  
[87] 1998-08-20 (WO98/35806)  
[30] US (60/038,186) 1997-02-14  
[30] US (08/947,071) 1997-10-08

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[21] **2,280,797**  
[13] A1  
[51] **Int.Cl. 6B65D 1/02 6B65D 23/02 6B65D 23/08**  
[25] EN  
[54] **MULTI-LAYER CONTAINERS**  
[54] **RECEPTACLES MULTICOUCHES**  
[72] KITZMILLER, MICHAEL C., US  
[72] DARR, RICHARD C., US  
[71] PLASTIPAK PACKAGING, INC., US  
[85] 1999-08-12  
[86] 1998-04-24 (PCT/US98/08290)  
[87] 1998-11-05 (WO98/49064)  
[30] US (08/847,868) 1997-04-28

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[13] A1  
[51] **Int.Cl. 6G01N 1/34 6G01N 30/08 6G01N 30/18**  
[25] EN  
[54] **IMPROVED METHOD AND DEVICE FOR SOLID PHASE MICROEXTRACTION**  
[54] **PROCEDE ET APPAREIL AMELIORES POUR MICROEXTRACTION D'UNE SUBSTANCE EN PHASE SOLIDE**  
[72] BERG, JOHN R., US  
[71] VARIAN, INC., US  
[85] 1999-08-12  
[86] 1998-12-16 (PCT/US98/26804)  
[87] 1999-06-24 (WO99/31480)  
[30] US (08/993,688) 1997-12-18

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[21] **2,280,799**  
[13] A1

[51] **Int.Cl. 6C08L 23/02 6C08C 19/02 6C08L 23/10**  
[25] EN  
[54] **MODIFIED POLYOLEFINS**  
[54] **POLYOLEFINES MODIFIEES**  
[72] VERVOORT, FREDDY MARIA  
ARMAND, BE  
[72] SCHNEIDER, JURGEN KLAUS  
LEOPOLD, GB  
[72] GERARD, ERIC-JACK, BE  
[71] SHELL INTERNATIONALE  
RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 1999-08-11  
[86] 1998-02-16 (PCT/EP98/00882)  
[87] 1998-08-20 (WO98/36025)  
[30] EP (97300994.7) 1997-02-17

[21] **2,280,800**  
[13] A1

[51] **Int.Cl. 6H01F 27/42 6G08C 19/04 6G08C 19/06**  
[25] EN  
[54] **APPARATUS AND METHOD FOR DELIVERING POWER TO A CONTACTLESS PORTABLE DATA SOURCE**  
[54] **DISPOSITIF ET PROCEDE SERVANT A ALIMENTER EN COURANT UNE SOURCE DE DONNEES PORTABLE SANS CONTACT**  
[72] KUFFNER, STEPHEN LEIGH, US  
[72] HALL, THOMAS GLENN, US  
[72] CARNEY, SCOTT NELSON, US  
[71] MOTOROLA, INC., US  
[85] 1999-08-12  
[86] 1998-10-09 (PCT/US98/21323)  
[87] 1999-06-24 (WO99/31684)  
[30] US (08/992,420) 1997-12-17

[21] **2,280,801**  
[13] A1

[51] **Int.Cl. 6B29C 45/16**  
[25] EN  
[54] **INJECTION MOULDING PROCESS AND APPARATUS FOR MAKING ARTICLES FROM TWO COMPONENTS**  
[54] **PROCEDE DE MOULAGE PAR INJECTION ET APPAREIL PERMETTANT DE FABRIQUER DES PIECES A PARTIR DE DEUX COMPOSANTS**  
[72] KRAMER, HANS, DE  
[71] SMITHKLINE BEECHAM  
CONSUMER HEALTHCARE GMBH, DE  
[85] 1999-08-12  
[86] 1998-02-11 (PCT/EP98/00813)  
[87] 1998-08-20 (WO98/35809)  
[30] EP (97300973.1) 1997-02-14

[21] **2,280,802**  
[13] A1

[51] **Int.Cl. 6A01K 11/00**  
[25] EN  
[54] **PROCESS AND DEVICE FOR IDENTIFYING ANIMALS**  
[54] **PROCEDE ET DISPOSITIF D'IDENTIFICATION D'ANIMAUX**  
[72] ZEITLER, MARKUS, CH  
[71] ZEITLER, MARKUS, CH  
[85] 1999-08-11  
[86] 1998-02-06 (PCT/CH98/00044)  
[87] 1998-08-20 (WO98/35548)  
[30] CH (299/97) 1997-02-12

[21] **2,280,803**  
[13] A1

[51] **Int.Cl. 6A63H 30/04**  
[25] EN  
[54] **SYSTEM AND METHOD FOR CONTROLLING THE OPERATION OF TOYS**  
[54] **SYSTEME ET PROCEDE DE COMMANDE DU FONCTIONNEMENT DE JOUETS**  
[72] DeANGELIS, PETER C., US  
[71] ROKENBOK TOY COMPANY, US  
[85] 1999-08-10  
[86] 1998-02-06 (PCT/US98/02549)  
[87] 1998-08-13 (WO98/34699)  
[30] US (08/797,188) 1997-02-11

[21] **2,280,804**  
[13] A1

[51] **Int.Cl. 6G01N 7/18 6D21C 9/10**  
[25] EN  
[54] **A METHOD AND AN ARRANGEMENT FOR MEASURING THE AMOUNT/ACTIVITY OF CATALASE BEFORE OR IN CONNECTION WITH BLEACHING OF PREFERABLY CELLULOSE FIBRES INCLUDED IN A PULP SUSPENSION**  
[54] **PROCEDE ET DISPOSITIF POUR MESURER LA QUANTITE OU L'ACTIVITE DE LA CATALASE AVANT OU EN RAPPORT AVEC UNE OPERATION DE BLANCHIMENT DE FIBRES CELLULOSIQUES CONTENUES, DE PREFERENCE, DANS UNE SUSPENSION PATEUSE**  
[72] OLSSON, BERTIL, SE  
[72] FLADDA, GERDT, SE  
[72] NORDER, STIG, SE  
[71] BTG KÄLLE INVENTING AB, SE  
[85] 1999-08-12  
[86] 1998-12-22 (PCT/SE98/02434)  
[87] 1999-07-15 (WO99/35482)  
[30] SE (9704872-2) 1997-12-23

[21] **2,280,805**  
[13] A1

[51] **Int.Cl. 6H01J 65/00**  
[25] EN  
[54] **GAS DISCHARGE LAMP WITH SEPARATELY OPERATING ELECTRODE GROUPS**  
[54] **LAMPE LUMINESCENTE A GAZ AVEC GROUPE D'ELECTRODES ACTIONNABLES SEPAREMENT**  
[72] VOLLKOMMER, FRANK, DE  
[72] JEREBIC, SIMON, DE  
[72] HITZSCHKE, LOTHAR, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[85] 1999-08-12  
[86] 1998-12-11 (PCT/EP98/08106)  
[87] 1999-07-08 (WO99/34411)  
[30] EP (97122799.6) 1997-12-23  
[30] EP (198 17 479.9) 1998-04-20

[21] **2,280,806**  
[13] A1

[51] **Int.Cl. 6A61K 47/48**  
[25] EN  
[54] **INHIBITION OF GENE TRANSCRIPTION BY POLYAMIDE DNA-BINDING LIGANDS**  
[54] **INHIBITION DE LA TRANSCRIPTION DE GENES PAR DES LIGANDS DE POLYAMIDE SE FIXANT A L'ADN**  
[72] BAIRD, ELDON E., US  
[72] MOSIER, DONALD E., US  
[72] DERVAN, PETER B., US  
[72] GOTTESFELD, JOEL M., US  
[71] THE SCRIPPS RESEARCH INSTITUTE, US  
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US  
[85] 1999-08-10  
[86] 1998-02-11 (PCT/US98/02444)  
[87] 1998-08-20 (WO98/35702)  
[30] US (60/038,384) 1997-02-14  
[30] US (60/038,394) 1997-02-14  
[30] US (08/853,022) 1997-04-21  
[30] US (PCT/US97/12722) 1997-07-21  
[30] US (60/056,048) 1997-09-02  
[30] US (60/058,338) 1997-09-10



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[13] A1  
[51] **Int.Cl. 6C08G 18/28 6C08J 9/14**  
[25] EN  
[54] **PROCESS FOR RIGID POLYURETHANE FOAMS**  
[54] **PROCEDE POUR PRODUIRE DES MOUSSES DE POLYURETHANNE RIGIDES**  
[72] DE VOS, RIK, IT  
[72] CORNET, PHILIP, BE  
[72] FRANCO, MARIA VITTORIA, IT  
[71] HUNTSMAN ICI CHEMICALS LLC, US  
[85] 1999-08-12  
[86] 1998-02-18 (PCT/EP98/00919)  
[87] 1998-10-01 (WO98/42764)  
[30] EP (97104773.3) 1997-03-20

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[21] **2,280,808**  
[13] A1  
[51] **Int.Cl. 6A61B 5/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ESTIMATION OF PULMONARY CAPILLARY PRESSURE**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT L'EVALUATION DE LA PRESSION CAPILLAIRE DANS LES POUMONS**  
[72] JOHNSON, ROYCE W., US  
[72] deBOISBLANC, BENNET P., US  
[72] BELL, GLENN B., US  
[72] PELLETT, ANDY, US  
[71] KINETIC CONCEPTS, INC., US  
[85] 1999-08-10  
[86] 1998-02-11 (PCT/US98/02806)  
[87] 1998-08-13 (WO98/34534)  
[30] US (60/037,676) 1997-02-11

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[21] **2,280,809**  
[13] A1  
[51] **Int.Cl. 6A01N 37/46 6A01N 43/76**  
[25] EN  
[54] **FUNGICIDAL COMPOSITIONS BASED ON METALYXYL**  
[54] **MICROBICIDES**  
[72] KUNG, RUTH BEATRICE, CH  
[72] WICKI, MICHA, CH  
[72] WEISS, MARTIN, CH  
[72] NUNINGER, COSIMA, CH  
[71] NOVARTIS AG, CH  
[85] 1999-08-10  
[86] 1998-03-03 (PCT/EP98/01189)  
[87] 1998-09-11 (WO98/38858)  
[30] CH (520/97) 1997-03-05

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[13] A1  
[51] **Int.Cl. 6B29C 47/90**  
[25] EN  
[54] **AN APPARATUS AND A METHOD FOR PRODUCING AN EXTRUDED HOLLOW PLASTIC SECTION**  
[54] **APPAREIL ET PROCEDE DE PRODUCTION D'UNE SECTION CREUSE ET EXTRUDEE EN MATIERE PLASTIQUE**  
[72] VISSCHER, JAN, NL  
[71] WAVIN B.V., NL  
[85] 1999-08-10  
[86] 1998-02-06 (PCT/NL98/00073)  
[87] 1998-08-20 (WO98/35814)  
[30] NL (1005282) 1997-02-14

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[21] **2,280,811**  
[13] A1  
[51] **Int.Cl. 6C12Q 1/00 6C12Q 1/37**  
[25] EN  
[54] **COMPOSITIONS FOR THE DETECTION OF ENZYME ACTIVITY IN BIOLOGICAL SAMPLES AND METHODS OF USE THEREOF**  
[54] **COMPOSITIONS DE DETECTION DE L'ACTIVITE ENZYMATIQUE DANS DES ECHANTILLONS BIOLOGIQUES ET PROCEDES D'UTILISATION DE TELLES COMPOSITIONS**  
[72] KOMORIYA, AKIRA, US  
[72] PACKARD, BEVERLY S., US  
[71] ONCOIMMUNIN, INC., US  
[85] 1999-08-12  
[86] 1998-02-20 (PCT/US98/03000)  
[87] 1998-08-27 (WO98/37226)  
[30] US (08/802,981) 1997-02-20

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[21] **2,280,812**  
[13] A1  
[51] **Int.Cl. 6A61B 17/00 6A61B 17/08**  
[25] EN  
[54] **PERCUTANEOUS AND HIATAL DEVICES AND METHODS FOR USE IN MINIMALLY INVASIVE PELVIC SURGERY**  
[54] **DISPOSITIFS PERCUTANES ET HIATAUX ET LEURS PROCEDES D'UTILISATION EN CHIRURGIE PELVIENNE PEU VULNERANTE**  
[72] BRENNEMAN, RODNEY, US  
[72] MORIN, ARMAND A., US  
[72] APPELL, RODNEY, US  
[72] SAUVAGEAU, DAVID, US  
[72] PINTAURO, WILLIAM, US  
[72] GELLMAN, BARRY N., US  
[71] BOSTON SCIENTIFIC IRELAND LIMITED, BB  
[85] 1999-08-12  
[86] 1998-02-13 (PCT/US98/03065)  
[87] 1998-08-20 (WO98/35616)  
[30] US (60/038,171) 1997-02-13

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[13] A1  
[51] **Int.Cl. 6E21B 43/32 6E21B 43/12 6E21B 43/38 6E21B 43/40**  
[25] EN  
[54] **APPARATUS AND METHODS FOR DOWNHOLE FLUID SEPARATION AND CONTROL OF WATER PRODUCTION**  
[54] **PROCEDE ET DISPOSITIF DE SEPARATION DE FLUIDES DE FOND DE Puits ET DE REGULATION DE LA PRODUCTION D'EAU**  
[72] SHAW, CHRISTOPHER K., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 1999-08-10  
[86] 1998-02-11 (PCT/US98/02746)  
[87] 1998-08-20 (WO98/36155)  
[30] US (60/038,176) 1997-02-13

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,280,814</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/02</b> [25] EN [54] <b>STABILIZATION SLING FOR USE IN MINIMALLY INVASIVE PELVIC SURGERY</b> [54] <b>SANGLE DE STABILISATION UTILISEE EN CHIRURGIE PELVIENNE PEU VULNERANTE</b> [72] RACKLEY, RAYMOND, US [72] MARTIN, WILLIAM, US [72] GELLMAN, BARRY N., US [71] BOSTON SCIENTIFIC IRELAND LIMITED, BB [85] 1999-08-12 [86] 1998-02-13 (PCT/US98/03066) [87] 1998-08-20 (WO98/35632) [30] US (60/038,379) 1997-02-13</p>	<p style="text-align: right;">[21] <b>2,280,817</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR ESTIMATION OF BEAT-TO-BEAT PULMONARY WEDGE PRESSURE</b> [54] <b>PROCEDE ET DISPOSITIF PERMETTANT L'EVALUATION DE LA PRESSION ARTERIELLE PULMONAIRE BLOQUEE ENTRE DEUX BATTEMENTS DE COEUR</b> [72] BELL, GLENN B., US [72] JOHNSON, ROYCE W., US [72] PELLETT, ANDY, US [72] deBOISBLANC, BENNET P., US [71] KINETIC CONCEPTS, INC., US [85] 1999-08-10 [86] 1998-02-11 (PCT/US98/02807) [87] 1998-08-13 (WO98/34535) [30] US (60/037,676) 1997-02-11</p>	<p style="text-align: right;">[21] <b>2,280,819</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 7/30</b> [25] EN [54] <b>DIGITAL SIGNAL COMPRESSION ENCODING WITH IMPROVED QUANTISATION</b> [54] <b>CODAGE DE COMPRESSION DE SIGNAUX NUMERIQUES A QUANTIFICATION AMELIOREE</b> [72] WELLS, NICHOLAS DOMINIC, GB [72] WERNER, OLIVER HARTWIG, GB [72] KNEE, MICHAEL JAMES, GB [71] SNELL &amp; WILCOX LIMITED, GB [71] BRITISH BROADCASTING CORPORATION, GB [85] 1999-08-10 [86] 1998-02-25 (PCT/GB98/00582) [87] 1998-09-03 (WO98/38800) [30] GB (9703834.3) 1997-02-25 [30] GB (9703831.9) 1997-02-25</p>
<p style="text-align: right;">[21] <b>2,280,815</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/04</b> [25] EN [54] <b>NAIL BLEACH</b> [54] <b>DETACHANT POUR ONGLES</b> [72] GAIT FLEISSMAN, LEONA, US [72] VAKIRTZIS, ANNA MARIA, US [72] PAHLCK, HAROLD E., US [71] AVON PRODUCTS, INC., US [85] 1999-08-10 [86] 1998-02-11 (PCT/US98/03015) [87] 1998-08-13 (WO98/34585) [30] US (08/797,992) 1997-02-12 [30] US (08/954,837) 1997-10-21</p>	<p style="text-align: right;">[21] <b>2,280,818</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29C 45/18 6B29C 45/76</b> [25] EN [54] <b>INJECTION MOLDING MACHINE, INJECTION MOLDING SYSTEM, PELLET SUPPLY UNIT, INJECTION MOLDING METHOD AND INJECTION MOLDED PRODUCT</b> [54] <b>MACHINE DE MOULAGE PAR INJECTION, SYSTEME DE MOULAGE PAR INJECTION, UNITE D'ALIMENTATION EN PASTILLES, PROCEDE DE MOULAGE PAR INJECTION ET PRODUIT MOULE PAR INJECTION</b> [72] ASANO, TSUYOSHI, JP [71] HARUNA CO., LTD., JP [85] 1999-08-12 [86] 1998-12-25 (PCT/JP98/05962) [87] 1999-07-08 (WO99/33630) [30] JP (9-370190) 1997-12-25 [30] JP (10-153481) 1998-04-27 [30] JP (10-376441) 1998-12-04</p>	<p style="text-align: right;">[21] <b>2,280,820</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 63/00</b> [25] EN [54] <b>METHOD OF TREATING BLINDNESS WITH HNT HUMAN NEURONAL CELLS</b> [54] <b>METHODE DE TRAITEMENT DE LA CECITE AVEC DES CELLULES NEURONALES HUMAINES HNT</b> [72] SNABLE, GARY L., US [71] LAYTON BIOSCIENCE, INC., US [85] 1999-08-12 [86] 1998-02-12 (PCT/US98/03019) [87] 1998-08-13 (WO98/34485) [30] US (08/800,224) 1997-02-12</p>
<p style="text-align: right;">[21] <b>2,280,816</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63B 63/08</b> [25] EN [54] <b>POWER LIFT BASKETBALL ADJUSTMENT SYSTEM</b> [54] <b>SYSTEME DE REGLAGE POUR PANNEAU DE BASKET-BALL A MECANISME DE LEVAGE</b> [72] VAUGHAN, COPLAN E., US [72] NORDGRAN, RICHARD C., US [72] WINTER, DAVID C., US [71] LIFETIME PRODUCTS, INC., US [85] 1999-08-12 [86] 1998-02-09 (PCT/US98/02789) [87] 1998-08-13 (WO98/34687) [30] US (08/799,979) 1997-02-12</p>	<p style="text-align: right;">[21] <b>2,280,821</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 3/37 6C11D 1/83</b> [25] EN [54] <b>LIQUID HARD-SURFACE CLEANING COMPOSITIONS</b> [54] <b>COMPOSITIONS LIQUIDES DE NETTOYAGE DE SURFACES DURES</b> [72] GORDON, NEIL JAMES, BE [72] EVERS, MARC FRANÇOIS THEOPHILE, BE [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-08-12 [86] 1998-02-10 (PCT/US98/02629) [87] 1998-08-20 (WO98/36047) [30] EP (97870016.9) 1997-02-14 [30] EP (97870161.3) 1997-10-22</p>	

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<p>[21] <b>2,280,822</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/28</b> [25] EN [54] <b>METHOD OF SHARING COMMUNICATION CHANNELS UTILIZING BOTH CONTENTION AND POLLING SCHEMES</b> [54] <b>PROCEDE DE PARTAGE DE CANAUX DE COMMUNICATION UTILISANT DES SCHEMAS DE CONTENTION ET D'INTERROGATION</b> [72] ENNS, FREDERICK, US [72] VARMA, SUBIR, US [71] HYBRID NETWORKS, INC., US [85] 1999-08-10 [86] 1998-02-06 (PCT/US98/02084) [87] 1999-03-04 (WO99/11025) [30] US (08/917,735) 1997-08-27</p>	<p>[21] <b>2,280,825</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/22</b> [25] EN [54] <b>EMULATING AN ADVANCED CONTROL ALGORITHM IN A MOBILE COMMUNICATIONS SYSTEM</b> [54] <b>EMULATION D'UN ALGORITHME DE COMMANDE AVANCE DANS UN SYSTEME DE COMMUNICATION MOBILE</b> [72] FRIED, TOMAS, SE [72] WESTERBERG, ERIK, SE [72] HERMANSSON, STEN, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-08-10 [86] 1998-02-03 (PCT/SE98/00198) [87] 1998-08-20 (WO98/36591) [30] US (08/801,564) 1997-02-18</p>	<p>[21] <b>2,280,827</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/22</b> [25] EN [54] <b>A METHOD AND AN ARRANGEMENT FOR TRANSFERRING A COMMAND IN A TELECOMMUNICATIONS SYSTEM THAT INCLUDES A MOBILE COMMUNICATIONS SYSTEM</b> [54] <b>PROCEDE ET SYSTEME PERMETTANT DE TRANSFERER UNE COMMANDE DANS UN SYSTEME DE TELECOMMUNICATIONS QUI COMPREND UN SYSTEME DE COMMUNICATION MOBILE</b> [72] BERGKVIST, BENGT, SE [72] BODIN, STIG ROLAND, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-08-10 [86] 1998-01-30 (PCT/SE98/00140) [87] 1998-08-20 (WO98/36590) [30] SE (9700522-7) 1997-02-14</p>
<p>[21] <b>2,280,823</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 11/18</b> [25] EN [54] <b>MARKING DEVICE FOR ELECTRONIC PRESENTATION BOARD</b> [54] <b>DISPOSITIF DE MARQUAGE POUR TABLEAU DE PRESENTATION ELECTRONIQUE</b> [72] ZLOTER, ISAAC, IL [72] HOLTZMAN, RAFL, US [71] ELECTRONICS FOR IMAGING, INC., US [85] 1999-08-12 [86] 1998-02-26 (PCT/US98/04379) [87] 1998-09-03 (WO98/38596) [30] US (08/808,570) 1997-02-28</p>	<p>[21] <b>2,280,826</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 209/52 6C07C 211/12 6C07C 209/70 6C07C 209/84</b> [25] EN [54] <b>METHOD FOR HYDROGENATING COMPOUNDS FROM THE GROUP OF IMINES OR ENAMINES</b> [54] <b>PROCEDE D'HYDROGENATION DE COMPOSES DU GROUPE DES IMINES OU DE ENAMINES</b> [72] FUCHS, EBERHARD, DE [72] OHLBACH, FRANK, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 1999-08-06 [86] 1998-01-26 (PCT/EP98/00414) [87] 1998-08-13 (WO98/34899) [30] DE (19704615.0) 1997-02-07</p>	<p>[21] <b>2,280,828</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B08B 9/02</b> [25] EN [54] <b>PIPE SYSTEM CLEANING AND IN-LINE TREATMENT OF SPENT CLEANING SOLUTION</b> [54] <b>NETTOYAGE DE TUYAUTERIE ET TRAITEMENT EN LIGNE DE SOLUTIONS DE NETTOYAGE USEES</b> [72] FYFE, EDWARD, US [72] TEMPLE, DAN, US [72] LUDWIG, JEROME H., US [72] SHENKIRYK, MYRON, US [71] H.E.R.C. PRODUCTS INCORPORATED, US [85] 1999-08-12 [86] 1998-03-04 (PCT/US98/04247) [87] 1998-09-11 (WO98/39110) [30] US (812,273) 1997-03-06</p>
<p>[21] <b>2,280,824</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08G 69/26 6C08G 73/10 6C08G 73/12 6C08G 69/28</b> [25] EN [54] <b>CHEMICAL IMIDIZATION REAGENT FOR POLYIMIDE SYNTHESIS</b> [54] <b>REACTIF D'IMIDIFICATION POUR UNE SYNTHESE DE POLYIMIDES</b> [72] HSU, STEVE L.C., US [72] WEBER, WILLIAM D., US [72] NAIINI, AHMAD, US [72] BLAKENEY, ANDREW J., US [71] ARCH SPECIALTY CHEMICALS, INC., US [85] 1999-08-12 [86] 1998-04-08 (PCT/US98/07029) [87] 1998-10-22 (WO98/46666) [30] US (08/839,585) 1997-04-15</p>		

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<p style="text-align: right;">[21] <b>2,280,829</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 1/72 6C11D 3/075 6C11D 3/37</b> [25] EN [54] <b>LIQUID HARD-SURFACE CLEANING COMPOSITIONS BASED ON SPECIFIC DICAPPED POLYALKYLENE GLYCOLS</b> [54] <b>COMPOSITIONS LIQUIDES DE NETTOYAGE DE SURFACES DURES A BASE DE GLYCOLS DE POLYALKYLENE SPECIFIQUES PRESENTANT UN DOUBLE COIFFAGE</b> [72] GORDON, NEIL JAMES, BE [72] EVERS, MARC FRANÇOIS THEOPHILE, BE [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-08-12 [86] 1998-02-10 (PCT/US98/02628) [87] 1998-08-20 (WO98/36042) [30] EP (97870017.7) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,280,832</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/00</b> [25] EN [54] <b>NON-INVASIVE MEASUREMENT OF INTRACRANIAL PRESSURE</b> [54] <b>PROCEDE NON INVASIF PERMETTANT LA MESURE DE LA PRESSION INTRACRANIENNE</b> [72] LAMBERT, JAMES L., US [72] BORCHERT, MARK S., US [71] CHILDREN'S HOSPITAL OF LOS ANGELES, US [71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US [85] 1999-08-12 [86] 1998-02-11 (PCT/US98/02808) [87] 1998-08-13 (WO98/34536) [30] US (60/037,713) 1997-02-12</p>	<p style="text-align: right;">[21] <b>2,280,836</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65F 3/04</b> [25] EN [54] <b>REFUSE CONTAINER HANDLING SYSTEM</b> [54] <b>SYSTEME POUR MANIPULATION D'UN CONTENEUR DE DECHETS</b> [72] HARRISON, RALPH, US [71] HARRISON, RALPH, US [85] 1999-08-09 [86] 1998-01-13 (PCT/US98/00636) [87] 1998-07-23 (WO98/31611) [30] US (08/784,254) 1997-01-15</p>
<p style="text-align: right;">[21] <b>2,280,830</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 209/84 6C07C 211/12 6C07C 209/86</b> [25] EN [54] <b>METHOD FOR SEPARATING 2-AMINOMETHYLCYCLOPENTYLAMINE FROM A MIXTURE CONTAINING HEXAMETHYLENE DIAMINE AND 2-AMINOMETHYLCYCLOPENTYLAMINE</b> [54] <b>PROCEDE POUR SEPARER DE LA 2-AMINOMETHYLCYCLOPENTYLAMINE CONTENUE DANS UN MELANGE COMPRENANT DE LA DIAMINE D'HEXAMETHYLENE ET DE LA 2-AMINOMETHYLCYCLOPENTYLAMINE</b> [72] LUYKEN, HERMANN, DE [72] REHFINGER, ALWIN, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 1999-08-06 [86] 1998-01-17 (PCT/EP98/00241) [87] 1998-08-13 (WO98/34901) [30] DE (19704618.5) 1997-02-07</p>	<p style="text-align: right;">[21] <b>2,280,833</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 487/04 6C12P 41/00</b> [25] EN [54] <b>METHOD FOR PRODUCING HETEROAROMATIC ALCOHOLS FREE OF ENANTIOMERS</b> [54] <b>PROCEDE DE PRODUCTION D'ALCOOLS HETEROAROMATIQUES EXEMPTS D'ENANTIOMERES</b> [72] BALKENHOHL, FRIEDHELM, DE [72] HOLMAN, NICHOLAS JOHN, GB [72] KOSER, STEFAN, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 1999-08-10 [86] 1998-02-09 (PCT/EP98/00707) [87] 1998-08-27 (WO98/37081) [30] DE (19706336.5) 1997-02-19</p>	<p style="text-align: right;">[21] <b>2,280,837</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29C 45/20 6B29C 45/74</b> [25] EN [54] <b>NOZZLE ASSEMBLY FOR INJECTION MOLDING APPARATUS</b> [54] <b>ENSEMBLE BUSETTE POUR DISPOSITIF DE MOULAGE PAR INJECTION</b> [72] GARVER, JERRY L., US [72] HUDACK, GERALD D., US [71] EXIDE CORPORATION, US [85] 1999-08-10 [86] 1998-02-11 (PCT/US98/02210) [87] 1998-08-13 (WO98/34772) [30] US (08/797,732) 1997-02-11</p>
<p style="text-align: right;">[21] <b>2,280,835</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B62D 21/10 6B62D 31/00</b> [25] EN [54] <b>PASSENGER CAR</b> [54] <b>VOITURE DE TOURISME</b> [72] SOMMER, ULRICH, DE [71] SOMMER, ULRICH, DE [85] 1999-08-10 [86] 1998-02-27 (PCT/EP98/01114) [87] 1998-09-03 (WO98/38073) [30] DE (297 03 663.7) 1997-02-28</p>	<p style="text-align: right;">[21] <b>2,280,839</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 63/00 6A01N 65/00 6A01N 43/04 6A61K 31/70</b> [25] EN [54] <b>POLYNUCLEOTIDE VACCINE FORMULATIONS</b> [54] <b>FORMULES DE VACCINS A BASE DE POLYNUCLEOTIDES</b> [72] CAULFIELD, MICHAEL J., US [72] VOLKIN, DAVID B., US [72] EVANS, ROBERT K., US [72] ULMER, JEFFREY B., US [71] MERCK &amp; CO., INC., US [85] 1999-08-10 [86] 1998-02-13 (PCT/US98/02414) [87] 1998-08-20 (WO98/35562) [30] US (60/038,194) 1997-02-14 [30] GB (9705460.5) 1997-03-17</p>	

## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,280,840</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/00 6D01F 6/06</b> [25] EN [54] <b>FABRIC PROSTHESIS AND PROCESS FOR PREPARING THE SAME</b> [54] <b>PROTHESE EN TISSU ET SON PROCEDE DE PREPARATION</b> [72] DUMICAN, BARRY L., US [72] HUTTON, JEFFREY D., US [71] TYCO GROUP S.A.R.L., LU [85] 1999-08-09 [86] 1998-02-24 (PCT/US98/03535) [87] 1998-09-03 (WO98/37813) [30] US (60/039,208) 1997-02-28</p>	<p style="text-align: center;">[21] <b>2,280,843</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G08B 13/14</b> [25] EN [54] <b>APPARATUS FOR DEACTIVATING MAGNETOMECHANICAL EAS MARKERS AFFIXED TO MAGNETIC RECORDING MEDIUM PRODUCTS</b> [54] <b>APPAREIL DE DESACTIVATION DES MARQUAGES MAGNETOMECANQUES D'UN SYSTEME ELECTRONIQUE DE SURVEILLANCE D'ARTICLES APPLIQUES A DES SUPPORTS MAGNETIQUES D'ENREGISTREMENT</b> [72] COFFEY, KEVIN R., US [72] COPELAND, RICHARD L., US [71] SENSORMATIC ELECTRONICS CORPORATION, US [85] 1999-08-10 [86] 1998-02-04 (PCT/US98/02475) [87] 1998-09-03 (WO98/38610) [30] US (08/801,489) 1997-02-18</p>	<p style="text-align: center;">[21] <b>2,280,846</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01K 1/015</b> [25] EN [54] <b>ANIMAL LITTER, PROCESS FOR PREPARING ANIMAL LITTER, AND METHOD FOR REMOVAL OF ANIMAL WASTE</b> [54] <b>LITIERE POUR ANIMAUX, PROCEDE DE PREPARATION DE LITIERE POUR ANIMAUX ET PROCEDE D'ELIMINATION DES DECHETS D'ANIMAUX</b> [72] KENT, GAGE A., US [72] RAMSDEN, STEVEN L., US [72] McPHERSON, ROGER E., US [72] GUTE, FRANK J., US [72] BISHOP, LEONA A., US [71] GRAIN PROCESSING CORPORATION, US [85] 1999-08-09 [86] 1998-11-25 (PCT/US98/25262) [87] 1999-06-24 (WO99/30556) [30] US (60/069,387) 1997-12-12</p>
<p style="text-align: center;">[21] <b>2,280,841</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05K 5/06</b> [25] EN [54] <b>AN INNER AND OUTER PRESSURE EQUALIZATION STRUCTURE FOR AN AIRTIGHT CASE</b> [54] <b>STRUCTURE D'EQUILIBRAGE DE PRESSIONS POUR BOITIER HERMETIQUE</b> [72] HARA, KOUICH, JP [71] TOKAI KOGYO CO., LTD., JP [85] 1999-08-09 [86] 1998-12-09 (PCT/JP98/05568) [87] 1999-06-17 (WO99/30544) [30] JP (9/354009) 1997-12-09</p>	<p style="text-align: center;">[21] <b>2,280,845</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 5/30 6G02B 6/00</b> [25] EN [54] <b>OPTICAL CIRCULATOR</b> [54] <b>CIRCULATEUR OPTIQUE</b> [72] AU-YEUNG, VINCENT, US [72] GUO, QINGDONG, US [72] LI, WEIL-ZHONG, US [71] U.S.A. KAIFA TECHNOLOGY, INC., US [85] 1999-08-09 [86] 1998-11-17 (PCT/US98/24575) [87] 1999-06-17 (WO99/30190) [30] US (08/986,064) 1997-12-08 [30] US (09/025,526) 1998-02-18</p>	<p style="text-align: center;">[21] <b>2,280,847</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 57/20 6A01N 25/02 6A01N 39/04 6A01N 25/24 6A01N 25/30 6A01N 37/40 6A01N 43/40 6A01N 43/50</b> [25] EN [54] <b>AQUEOUS HERBICIDE/SURFACTANT COMPOSITIONS FOR BASAL OR DORMANT STEM BRUSH CONTROL</b> [54] <b>COMPOSITION AQUEUSE D'HERBICIDES ET DE TENSIO-ACTIFS D'ELIMINATION DES BROUSSAILLES S'APPLIQUANT A LA BASE ET AUX PARTIES DORMANTES DE LA TIGE</b> [72] COX, KENNETH E., US [72] RIEGO, DOMINGO, US [72] SEXTON, FRANKLIN E., US [72] MEADOWS, JAMES C., US [71] MONSANTO COMPANY, US [85] 1999-08-12 [86] 1998-02-12 (PCT/US98/02582) [87] 1998-08-20 (WO98/35561) [30] US (60/038,020) 1997-02-14</p>
<p style="text-align: center;">[21] <b>2,280,842</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G11B 7/24</b> [25] EN [54] <b>REWRITABLE OPTICAL INFORMATION MEDIUM</b> [54] <b>SUPPORT D'INFORMATIONS OPTIQUE REINSCRIPTIBLE</b> [72] RIJPERS, JOHANNES C. N., NL [72] BORG, HERMANUS J., NL [72] JACOBS, BERNARDUS A. J., NL [72] ZHOU, GUO-FU, NL [71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL [85] 1999-08-10 [86] 1998-11-30 (PCT/IB98/01904) [87] 1999-06-17 (WO99/30317) [30] EP (97203894.7) 1997-12-11</p>		

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[21] **2,280,848**  
[13] A1  
[51] **Int.Cl. 6H02G 15/18 6H01R 4/00**  
[25] EN  
[54] **COMPACT COVERING DEVICE**  
[54] **DISPOSITIF COUVRANT COMPACT**  
[72] FREIWALD, FRANK, US  
[72] SADLO, JAMES L., US  
[72] WENTZEL, CARL J., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1999-08-10  
[86] 1997-07-17 (PCT/US97/13716)  
[87] 1998-09-17 (WO98/40941)  
[30] US (08/816,604) 1997-03-13

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[21] **2,280,849**  
[13] A1  
[51] **Int.Cl. 6C09D 167/00 6C09D 11/10 6C09D 177/12**  
[25] EN  
[54] **LOW-EMISSION CURABLE PRINTING-INK OR COATINGS BINDERS**  
[54] **ENCRE D'IMPRESSION OU LIANTS DE REVETEMENT DURCISSABLES A FAIBLE EMISSION**  
[72] BLUM, RAINER, DE  
[72] CHMIELEWSKI, DIETMAR, DE  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 1999-08-12  
[86] 1998-04-09 (PCT/EP98/02085)  
[87] 1998-10-22 (WO98/46689)  
[30] DE (197 15 695.9) 1997-04-15

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[21] **2,280,850**  
[13] A1  
[51] **Int.Cl. 6A61K 31/445 6A61K 31/505**  
[25] EN  
[54] **QUINAZOLINONE-CONTAINING PHARMACEUTICAL COMPOSITIONS FOR PREVENTION OF NEOVASCULARIZATION AND FOR TREATING MALIGNANCIES**  
[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DE LA QUINAZOLINONE ET DESTINEES A LA PREVENTION DE LA NEOFORMATION DE VAISSEAUX SANGUINS ET AU TRAITEMENT D'AFFECTIONS MALIGNES**  
[72] MIAO, HUA-QUAN, IL  
[72] VLODAVSKY, ISRAEL, IL  
[72] NAGLER, ARNON, IL  
[72] PINES, MARK, IL  
[71] HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT COMPANY LTD., IL  
[71] AGRICULTURAL RESEARCH ORGANIZATION, MINISTRY OF AGRICULTURE, IL  
[85] 1999-08-09  
[86] 1998-02-11 (PCT/IL98/00070)  
[87] 1998-08-13 (WO98/34613)  
[30] US (08/797,703) 1997-02-11

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[21] **2,280,851**  
[13] A1  
[51] **Int.Cl. 6A42B 3/14 6A44B 11/22**  
[25] EN  
[54] **ADJUSTABLE HEADBAND FOR HEADGEAR**  
[54] **BANDE REGLABLE POUR COUVRE-CHEF**  
[72] FREUND, PAUL X., US  
[71] MINE SAFETY APPLIANCES COMPANY, US  
[85] 1999-08-12  
[86] 1998-03-09 (PCT/US98/04726)  
[87] 1998-10-22 (WO98/46096)  
[30] US (08/839,496) 1997-04-14

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[21] **2,280,852**  
[13] A1  
[51] **Int.Cl. 6G06K 19/073 6G07B 15/00**  
[25] EN  
[54] **PORTABLE MESSAGE UNIT STORAGE MEMBER AND ITS USING METHOD**  
[54] **ELEMENT DE STOCKAGE D'UNITE DE MESSAGE PORTABLE ET SON PROCEDE D'UTILISATION**  
[72] TAGUCHI, HARUO, JP  
[72] IKEFUJI, YOSHIHIRO, JP  
[72] HIKITA, JUNICHI, JP  
[71] ROHM CO., LTD., JP  
[85] 1999-08-09  
[86] 1998-02-06 (PCT/JP98/00512)  
[87] 1998-08-20 (WO98/36377)  
[30] JP (9-028859) 1997-02-13

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[21] **2,280,854**  
[13] A1  
[51] **Int.Cl. 6C08L 23/10 6C08L 23/04 6C08L 23/08 6C08J 5/18 6B32B 27/32**  
[25] EN  
[54] **HEAT SEALABLE FILMS**  
[54] **FILMS THERMOUSOUDABLES**  
[72] VAN LOON, ACHIEL JOSEPHUS MARIA, BE  
[71] EXXON CHEMICAL PATENTS INC., US  
[85] 1999-08-12  
[86] 1998-02-24 (PCT/US98/03597)  
[87] 1998-08-27 (WO98/37139)  
[30] US (08/806,182) 1997-02-25  
[30] US (08/847,730) 1997-04-28  
[30] US (08/905,211) 1997-08-01

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[21] **2,280,855**  
[13] A1  
[51] **Int.Cl. 6A61K 31/47**  
[25] EN  
[54] **TAMOXIFEN AS A THERAPY TO REDUCE IRINOTECAN HYDROCHLORIDE-INDUCED DIARRHEA**  
[54] **THERAPIE AU TAMOXIFENE VISANT A ATTENUER UNE DIARRHEE DECLENCHEE PAR LE CHLORHYDRATE D'IRINOTECAN**  
[72] ULRICH, ROGER G., US  
[71] PHARMACIA & UPJOHN COMPANY, US  
[85] 1999-08-12  
[86] 1998-02-24 (PCT/US98/02688)  
[87] 1998-09-03 (WO98/37892)  
[30] US (60/039,185) 1997-02-27

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[21] **2,280,856**  
[13] A1

[51] **Int.Cl. 6A46B 5/02 6A46B 15/00**  
**6A61J 9/00**

[25] EN

[54] **BABY TOOTHBRUSH**

[54] **BROSSE A DENTS DE BEBE**

[72] SAFIEH, ERIC, CA

[71] SAFIEH, ERIC, CA

[85] 1999-08-12

[86] 1997-02-13 (PCT/CA97/00094)

[87] 1998-08-20 (WO98/35583)

[21] **2,280,857**  
[13] A1

[51] **Int.Cl. 6A61K 31/43 6A61K 9/20**  
**6A61K 9/50**

[25] EN

[54] **PHARMACEUTICAL**

**FORMULATIONS COMPRISING**  
**AMOXOCYLLIN AND CLAVULANATE**

[54] **FORMULATIONS**

**PHARMACEUTIQUES COMPRENANT**  
**DE L'AMOXYCILLINE ET DU**

**CLAVULANATE**

[72] STORM, KEVIN, US

[72] MENTION, JACKY ANDRE

GUSTAVE, FR

[72] SANROMA BORDALLO, JOSE LUIS,  
ES

[71] SMITHKLINE BEECHAM

LABORATOIRES PHARMACEUTIQUES,  
FR

[71] SMITHKLINE BEECHAM

CORPORATION, US

[71] SMITHKLINE BEECHAM S.A., ES

[85] 1999-08-12

[86] 1998-02-10 (PCT/EP98/00811)

[87] 1998-08-20 (WO98/35672)

[30] GB (9703099.3) 1997-02-14

[30] GB (9703100.9) 1997-02-14

[30] GB (9703101.7) 1997-02-14

[21] **2,280,858**  
[13] A1

[51] **Int.Cl. 6C08G 69/26 6C08G 73/10**  
**6C08G 73/12 6C08G 69/28**

[25] EN

[54] **PROCESS FOR MAKING**  
**POLYIMIDE-POLYAMIC ESTER**  
**COPOLYMERS**

[54] **PROCEDE DE PRODUCTION DE**  
**COPOLYMERES D'ESTER**  
**POLYIMIDE-POLYAMIQUES**

[72] BLAKENEY, ANDREW J., US

[72] WEBER, WILLIAM D., US

[72] NAIINI, AHMAD, US

[72] HSU, STEVE L.C., US

[71] ARCH SPECIALTY CHEMICALS,  
INC., US

[85] 1999-08-12

[86] 1998-04-08 (PCT/US98/06937)

[87] 1998-10-22 (WO98/46664)

[30] US (08/839,692) 1997-04-15

[21] **2,280,860**  
[13] A1

[51] **Int.Cl. 6C11D 3/37**

[25] EN

[54] **ALKALINE LIQUID HARD-**  
**SURFACE CLEANING COMPOSITIONS**  
**COMPRISING N-**

**VINYLPYRROLIDONE COPOLYMER**

[54] **COMPOSITIONS LIQUIDES ET**  
**ALCALINES DE NETTOYAGE DE**

**SURFACES DURES, COMPRENANT UN**  
**COPOLYMERE DE N-**  
**VINYLPYRROLIDONE**

[72] EVERS, MARC FRANÇOIS, BE

[72] GORDON, NEIL JAMES, BE

[71] THE PROCTER & GAMBLE

COMPANY, US

[85] 1999-08-12

[86] 1998-02-10 (PCT/US98/02627)

[87] 1998-08-20 (WO98/36046)

[30] EP (97870018.5) 1997-02-14

[21] **2,280,862**  
[13] A1

[51] **Int.Cl. 6G06F 17/30**

[25] EN

[54] **AN ASSOCIATIVE SEARCH**  
**ENGINE**

[54] **MACHINE DE RECHERCHE**  
**ASSOCIATIVE**

[72] LIVERMORE, FREDERICK

CALDWELL, CA

[72] SKILLEN, RICHARD PRESCOTT, CA

[71] NORTHERN TELECOM LIMITED,  
CA

[85] 1999-08-12

[86] 1998-02-04 (PCT/CA98/00086)

[87] 1998-08-20 (WO98/36366)

[30] US (08/798,747) 1997-02-13

[21] **2,280,863**  
[13] A1

[51] **Int.Cl. 6B29B 7/74 6B01F 5/04**

[25] EN

[54] **METHOD AND DEVICE FOR**  
**PRODUCING POLYURETHANES**  
**CONTAINING FILLING MATERIALS**

[54] **PROCEDE ET DISPOSITIF**  
**PERMETTANT DE PRODUIRE DU**  
**POLYURETHANNE CONTENANT DES**  
**MATIERES DE REMPLISSAGE**

[72] SCHULTE, KLAUS, DE

[72] KUNZEL, UWE, DE

[72] FRIEDERICHS, WOLFGANG, DE

[72] KRIPPL, KURT, DE

[71] BAYER AKTIENGESELLSCHAFT,  
DE

[85] 1999-08-12

[86] 1998-02-04 (PCT/EP98/00582)

[87] 1998-08-20 (WO98/35803)

[30] DE (197 06 030.7) 1997-02-17

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,280,864</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29B 7/76</b> [25] EN [54] <b>METHOD AND MIXING HEAD FOR PRODUCING A REACTION MIXTURE FROM AN ISOCYANATE AND A HIGHER-VISCOUS POLYOL FORMULATION</b> [54] <b>PROCEDE DE PREPARATION D'UN MELANGE REACTIONNEL COMPRENANT UN ISOCYANATE ET UNE FORMULATION POLYOL ET TETE MELANGEUSE PERMETTANT DE METTRE LEDIT PROCEDE EN OEUVRE</b> [72] WEBER, HANS-ULRICH, DE [72] SCHULTE, KLAUS, DE [72] KRIPPL, KURT, DE [72] FRIEDERICHS, WOLFGANG, DE [72] KUNZEL, UWE, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 1999-08-12 [86] 1998-02-04 (PCT/EP98/00587) [87] 1998-08-20 (WO98/35804) [30] DE (197 06 030.7) 1997-02-17 [30] DE (197 43 187.9) 1997-09-30</p>	<p style="text-align: right;">[21] <b>2,280,866</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 1/02</b> [25] EN [54] <b>ORGAN PRESERVATION SOLUTION</b> [54] <b>SOLUTION DE PRESERVATION D'ORGANES</b> [72] BATHURST, IAN C., US [72] WICOMB, WINSTON N., US [72] COLLINS, GEOFFREY M., US [72] FOEHR, MATTHEW W., US [71] LXR BIOTECHNOLOGY INC., US [85] 1999-08-12 [86] 1998-02-12 (PCT/US98/02864) [87] 1998-08-20 (WO98/35551) [30] US (60/038,381) 1997-02-13 [30] US (60/038,422) 1997-02-18 [30] US (60/065,586) 1997-11-18</p>	<p style="text-align: right;">[21] <b>2,280,869</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 9/00</b> [25] EN [54] <b>METHOD FOR PROVIDING SECURE REMOTE COMMAND EXECUTION</b> [54] <b>PROCEDURE D'EXECUTION D'UNE COMMANDE A DISTANCE SECURISEE</b> [72] SHAMBROOM, W. DAVID, US [71] GTE LABORATORIES INCORPORATED, US [85] 1999-08-12 [86] 1998-02-11 (PCT/US98/02211) [87] 1998-08-20 (WO98/36522) [30] US (08/799,402) 1997-02-12</p>
<p style="text-align: right;">[21] <b>2,280,865</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29B 9/10</b> [25] EN [54] <b>AEROSOL METHOD AND APPARATUS, PARTICULATE PRODUCTS, AND ELECTRONIC DEVICES MADE THEREFROM</b> [54] <b>PROCEDE ET DISPOSITIF DE PRODUCTION D'AEROSOL, PRODUITS PARTICULAIRES ET MATERIELS ELECTRONIQUES REALISES A PARTIR DESDITS PRODUITS</b> [72] SKAMSER, DANIEL J., US [72] HAMPDEN-SMITH, MARK J., US [72] CHANDLER, CLIVE D., US [72] POWELL, QUINT H., US [72] KODAS, TOIVO T., US [72] CARUSO, JAMES, US [71] SUPERIOR MICROPOWDERS LLC, MX [85] 1999-08-12 [86] 1998-02-24 (PCT/US98/03530) [87] 1998-08-27 (WO98/36888) [30] US (60/039,450) 1997-02-24 [30] US (60/038,258) 1997-02-24</p>	<p style="text-align: right;">[21] <b>2,280,867</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09B 7/00 6C09D 11/00 6C08K 5/15</b> [25] EN [54] <b>ISOXINDIGOS USEFUL AS COLORANTS AND PREPARATION THEREOF</b> [54] <b>ISOXINDIGOS UTILES EN TANT QUE COLORANTS ET LEUR PREPARATION</b> [72] NESVADBA, PETER, CH [72] JANDKE, JOACHIM, DE [71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH [85] 1999-08-12 [86] 1998-08-29 (PCT/EP98/05489) [87] 1999-03-18 (WO99/13007) [30] CH (2128/97) 1997-09-10 [30] CH (0581/98) 1998-03-11</p>	<p style="text-align: right;">[21] <b>2,280,870</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H03D 9/04 6H04L 27/38</b> [25] EN [54] <b>N-PORT DIRECT RECEIVER</b> [54] <b>RECEPTEUR DIRECT A N-ACCES</b> [72] KONSCHAK, TINO, DE [72] KRUPEZEVIC, DRAGAN, DE [72] BRANKOVIC, VESELIN, DE [72] DOLLE, THOMAS, DE [71] SONY INTERNATIONAL (EUROPE) GMBH, DE [85] 1999-08-12 [86] 1998-12-18 (PCT/EP98/08329) [87] 1999-07-01 (WO99/33166) [30] EP (97122438.1) 1997-12-18 [30] EP (98108835.4) 1998-05-14 [30] EP (98108833.9) 1998-05-14</p>
<p style="text-align: right;">[21] <b>2,280,868</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A44B 21/00 6F16B 2/00 6B43K 25/00</b> [25] EN [54] <b>COSMETIC ACCESSORY CLIP</b> [54] <b>PINCE POUR ACCESSOIRES DE MAQUILLAGE</b> [72] COOPER, GARY, US [71] COOPER, GARY, US [85] 1999-08-12 [86] 1998-02-18 (PCT/US98/03226) [87] 1998-08-27 (WO98/36655) [30] US (60/039,021) 1997-02-21 [30] US (08/972,981) 1997-11-19</p>	<p style="text-align: right;">[21] <b>2,280,871</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/195 6A61K 31/155</b> [25] EN [54] <b>USE OF NITRIC OXID SYNTHASE INHIBITORS FOR THE TREATMENT OF DIABETES</b> [54] <b>INHIBITEURS DE LA LIGASE DU MONOXYDE D'AZOTE UTILISES DANS LE TRAITEMENT DES DIABETES</b> [72] TURNER, NICHOLAS CHARLES, GB [72] PIERCY, VALERIE, GB [71] SMITHKLINE BEECHAM PLC, GB [85] 1999-08-12 [86] 1997-02-13 (PCT/EP97/00691) [87] 1998-08-20 (WO98/35667)</p>	



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[21] **2,280,872**  
[13] A1

[51] **Int.Cl. 6D01D 5/098 6D01D 5/084 6D01D 5/088 6D04H 3/16**  
[25] EN  
[54] **DRAWING DEVICE AND METHOD FOR PRODUCING DRAWN SYNTHETIC FILAMENTS**  
[54] **DISPOSITIF D'ETIRAGE ET PROCEDE POUR LA FABRICATION DE FILAMENTS SYNTHETIQUES ETIRES**  
[72] RIBOULET, GEORGES, FR  
[72] GROTEN, ROBERT, FR  
[72] BARAVIAN, JEAN, FR  
[72] LEINER, HELMUT, DE  
[71] CARL FREUDENBERG, DE  
[85] 1999-08-12  
[86] 1998-01-26 (PCT/EP98/00412)  
[87] 1998-08-20 (WO98/36110)  
[30] DE (197 05 113.8) 1997-02-12

[21] **2,280,873**  
[13] A1

[51] **Int.Cl. 6A61K 38/18**  
[25] EN  
[54] **WOUND HEALING**  
[54] **CICATRISATION D'UNE BLESSURE**  
[72] FERGUSON, MARK WILLIAM JAMES, GB  
[71] THE VICTORIA UNIVERSITY OF MANCHESTER, GB  
[85] 1999-08-12  
[86] 1998-02-13 (PCT/GB98/00316)  
[87] 1998-08-20 (WO98/35695)  
[30] GB (9702943.3) 1997-02-13

[21] **2,280,874**  
[13] A1

[51] **Int.Cl. 6A61K 47/48**  
[25] EN  
[54] **DRUG TARGETING**  
[54] **CIBLAGE DE MEDICAMENT**  
[72] BLAKE, DAVID, GB  
[72] STRATFORD, IAN, GB  
[72] NAUGHTON, DECLAN, GB  
[72] MORRIS, CHRISTOPHER, GB  
[72] JAFFAR, MOHAMMED, GB  
[72] NAYLOR, MATTHEW, GB  
[72] ADAMS, GED (DECEASED), GB  
[71] THERAMARK LIMITED, GB  
[85] 1999-08-12  
[86] 1998-02-13 (PCT/GB98/00461)  
[87] 1998-08-20 (WO98/35701)  
[30] GB (9703002.7) 1997-02-13  
[30] GB (9712090.1) 1997-06-10

[21] **2,280,875**  
[13] A1

[51] **Int.Cl. 6A61K 39/395 6C07K 16/30 6C07K 16/46**  
[25] EN  
[54] **REMEDIES FOR LYMPHOCYTIC TUMORS**  
[54] **REMEDES CONTRE LES TUMEURS LYMPHOCITAIRES**  
[72] KOISHIHARA, YASUO, JP  
[72] YOSHIMURA, YASUSHI, JP  
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP  
[85] 1999-08-12  
[86] 1998-02-12 (PCT/JP98/00568)  
[87] 1998-08-20 (WO98/35698)  
[30] JP (9/41410) 1997-02-12

[21] **2,280,876**  
[13] A1

[51] **Int.Cl. 6C08G 69/26 6C08G 73/10 6C08G 73/12 6C08G 69/28**  
[25] EN  
[54] **PROCESS FOR MAKING POLYIMIDES FROM DIAMINES AND TETRACARBOXYLIC DIACID DIESTER**  
[54] **PROCEDE DE PRODUCTION DE POLYIMIDES A PARTIR DE DIAMINES ET DU DIESTER D'UN DIACIDE TETRACARBOXYLIQUE**  
[72] NAIINI, AHMAD, US  
[72] HSU, STEVE L.C., US  
[72] WEBER, WILLIAM D., US  
[72] BLAKENEY, ANDREW J., US  
[71] ARCH SPECIALTY CHEMICALS, INC., US  
[85] 1999-08-12  
[86] 1998-04-08 (PCT/US98/07028)  
[87] 1998-10-22 (WO98/46665)  
[30] US (08/842,615) 1997-04-15

[21] **2,280,877**  
[13] A1

[51] **Int.Cl. 6C11D 1/835 6C11D 3/37**  
[25] EN  
[54] **HARD-SURFACE CLEANING COMPOSITIONS**  
[54] **COMPOSITIONS DE NETTOYAGE DE SURFACES DURES**  
[72] DAS, JULIE ROSALYN, GB  
[72] SHARPLES, MARTIN, GB  
[72] RABONE, KENNETH LESLIE, GB  
[71] UNILEVER PLC, GB  
[85] 1999-08-12  
[86] 1998-02-24 (PCT/EP98/01273)  
[87] 1998-09-17 (WO98/40452)  
[30] GB (9704989.4) 1997-03-11

[21] **2,280,878**  
[13] A1

[51] **Int.Cl. 6H03J 3/08**  
[25] EN  
[54] **AN AMPLIFIER FOR CONTINUOUS HIGH GAIN, NARROWBAND SIGNAL AMPLIFICATION**  
[54] **AMPLIFICATEUR POUR L'AMPLIFICATION CONTINUE DE SIGNAUX A BANDE ETROITE ET A GAIN ELEVE**  
[72] CLOUTIER, MARK, CA  
[71] PHILSAR ELECTRONICS INC., CA  
[85] 1999-08-06  
[86] 1998-12-09 (PCT/CA98/01123)  
[87] 1999-06-17 (WO99/30416)  
[30] CA (2,224,261) 1997-12-09

[21] **2,280,879**  
[13] A1

[51] **Int.Cl. 6A47F 5/08**  
[25] EN  
[54] **PUSH-BACK STORAGE RACK**  
[54] **RAYONNAGE RETRO-POUSSABLE**  
[72] LEWIS, LYMAN, F., US  
[71] LEWIS, LYMAN, F., US  
[85] 1999-08-12  
[86] 1997-12-12 (PCT/US97/23023)  
[87] 1999-06-24 (WO99/30596)

[21] **2,280,880**  
[13] A1

[51] **Int.Cl. 6A61B 5/00**  
[25] EN  
[54] **VALIDATING AND PROCESSING FLUORESCENCE SPECTRAL DATA FOR DETECTING THE REJECTION OF TRANSPLANTED TISSUE**  
[54] **VALIDATION ET TRAITEMENT DES DONNEES SPECTRALES DE FLUORESCENCE POUR DETECTER LE REJET D'UN TISSU GREFFE**  
[72] MACKINNON, NICHOLAS B., CA  
[72] MACAULAY, CALUM E., CA  
[72] ZENG, HAISHAN, CA  
[72] WHITEHEAD, PETER D., CA  
[71] BIOMAX TECHNOLOGIES, INC., CA  
[85] 1999-08-06  
[86] 1998-03-12 (PCT/CA98/00229)  
[87] 1998-09-17 (WO98/40008)  
[30] US (60/040,557) 1997-03-13  
[30] US (60/046,368) 1997-05-15  
[30] US (60/062,512) 1997-10-16  
[30] US (60/068,693) 1997-12-23  
[30] US (60/072,260) 1998-01-23

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[21] **2,280,881**  
[13] A1  
[51] **Int.Cl. 6C07C 29/149 6C07D 307/08 6C07D 307/32**  
[25] EN  
[54] **A PROCESS FOR THE PRODUCTION OF TETRAHYDROFURAN, GAMMABUTYROLACTONE AND BUTANEDIOL**  
[54] **PROCEDE DE PRODUCTION DE TETRAHYDROFURANE, DE GAMMABUTYROLACTONE, ET DE BUTANEDIOL**  
[72] BERTOLA, ALDO, IT  
[71] PANTOCHIM S.A., BE  
[85] 1999-08-06  
[86] 1999-01-05 (PCT/EP99/00014)  
[87] 1999-07-15 (WO99/35113)  
[30] BE (9800012) 1998-01-08

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[21] **2,280,882**  
[13] A1  
[51] **Int.Cl. 6H04N 7/30 6H04N 7/26**  
[25] EN  
[54] **VIDEO OBJECTS CODED BY KEYREGIONS**  
[54] **OBJETS VIDEOS CODES PAR REGIONS CLES**  
[72] HASKELL, BARIN GEOFFRY, US  
[72] SCHMIDT, ROBERT LEWIS, US  
[72] PURI, ATUL, US  
[71] AT&T CORP., US  
[85] 1999-08-06  
[86] 1998-01-23 (PCT/US98/01491)  
[87] 1998-08-20 (WO98/36575)  
[30] US (60/038,015) 1997-02-14  
[30] US (08/986,118) 1997-12-05

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[21] **2,280,883**  
[13] A1  
[51] **Int.Cl. 6C07D 307/08 6C07D 307/32**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF TETRAHYDROFURAN AND GAMMABUTYROLACTONE**  
[54] **PROCEDE DE PRODUCTION DE TETRAHYDROFURANNE ET DE GAMMABUTYROLACTONE**  
[72] BERTOLA, ALDO, IT  
[71] PANTOCHIM S.A., BE  
[85] 1999-08-06  
[86] 1999-01-05 (PCT/EP99/00013)  
[87] 1999-07-15 (WO99/35136)  
[30] BE (9800013) 1998-01-08

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[21] **2,280,885**  
[13] A1  
[51] **Int.Cl. 6F17C 7/02 6B65D 19/00 6F28G 1/00 6F25D 17/02**  
[25] EN  
[54] **SYSTEM FOR CRYOGENICALLY REMOVING RESIDUE FROM CONTAINERS**  
[54] **PROCEDE ET APPAREIL DE NETTOYAGE CRYOGENIQUE DES RESIDUS SUBSISTANT DANS DES RECIPIENTS, ET RECIPIENTS POUR PRODUITS INDUSTRIELS CONCUS POUR LE NETTOYAGE CRYOGENIQUE**  
[72] POPP, CAROLYN, US  
[72] POPP, JAMES L., US  
[71] POPP, CAROLYN, US  
[71] POPP, JAMES L., US  
[85] 1999-08-06  
[86] 1998-02-11 (PCT/US98/02410)  
[87] 1998-09-03 (WO98/37989)  
[30] US (08/798,842) 1997-02-12

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[21] **2,280,886**  
[13] A1  
[51] **Int.Cl. 6A47B 88/00**  
[25] EN  
[54] **TELESCOPIC DRAWER SLIDE WITH SOFT SEQUENCING LATCH**  
[54] **GLISSIERE TELESCOPIQUE A BLOCAGE SEQUENTIEL DOUX**  
[72] PARVIN, JACKIE D., US  
[71] ACCURIDE INTERNATIONAL INC., US  
[85] 1999-08-06  
[86] 1998-02-06 (PCT/US98/02353)  
[87] 1998-08-13 (WO98/34516)  
[30] US (08/796,055) 1997-02-07

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[21] **2,280,887**  
[13] A1  
[51] **Int.Cl. 6C07C 253/34**  
[25] EN  
[54] **METHOD FOR SEPARATING 6-AMINOCAPROIC ACID NITRILE FROM MIXTURES CONTAINING 6-AMINOCAPROIC ACID NITRILE AND AN IMINE**  
[54] **PROCEDE DE SEPARATION DE NITRILE D'ACIDE 6-AMINOCAPROIQUE COMPRIS DANS DES MELANGES CONTENANT DU NITRILE D'ACIDE 6-AMINOCAPROIQUE ET UNE IMINE**  
[72] REHFINGER, ALWIN, DE  
[72] LUYKEN, HERMANN, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 1999-08-06  
[86] 1998-01-30 (PCT/EP98/00505)  
[87] 1998-08-13 (WO98/34912)  
[30] DE (19704613.4) 1997-02-07

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[21] **2,280,888**  
[13] A1  
[51] **Int.Cl. 6C07C 29/149**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF BUTANEDIOL BY LIQUID PHASE HYDROGENATION**  
[54] **PROCEDE DE PRODUCTION DE BUTANEDIOL PAR HYDROGENATION EN PHASE LIQUIDE**  
[72] BERTOLA, ALDO, IT  
[71] PANTOCHIM S.A., BE  
[85] 1999-08-06  
[86] 1999-01-05 (PCT/EP99/00016)  
[87] 1999-07-15 (WO99/35114)  
[30] BE (9800011) 1998-01-08

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,280,889</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 209/84</b> [25] EN [54] <b>METHOD FOR OBTAINING HEXAMETHYLENE DIAMINE FROM MIXTURES CONTAINING HEXAMETHYLENE DIAMINE</b> [54] <b>PROCEDE DE PREPARATION DE DIAMINE D'HEXAMETHYLENE A PARTIR DE MELANGES CONTENANT DE LA DIAMINE D'HEXAMETHYLENE</b> [72] LUYKEN, HERMANN, DE [72] BASSLER, PETER, DE [72] REHFINGER, ALWIN, DE [72] VOIT, GUIDO, DE [72] FISCHER, ROLF, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 1999-08-06 [86] 1998-01-30 (PCT/EP98/00506) [87] 1998-08-13 (WO98/34903) [30] DE (19704612.6) 1997-02-07</p>	<p style="text-align: right;">[21] <b>2,280,893</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/74 6C12N 1/21 6C12Q 1/26</b> [25] EN [54] <b>PLASMIDS ORIGINATING IN AMMONIA OXIDIZING BACTERIA AND USE OF THE SAME</b> [54] <b>PLASMIDES TIRES DE BACTERIES OXYDANT LE GAZ AMMONIAQUE ET LEUR UTILISATION</b> [72] NAKAMURA, YOSUKE, JP [72] OHTAKE, HISAO, JP [72] KATO, JUNICHI, JP [71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP [85] 1999-08-05 [86] 1998-02-04 (PCT/JP98/00454) [87] 1998-08-13 (WO98/35050) [30] JP (9/25232) 1997-02-07 [30] JP (9/77060) 1997-03-28</p>	<p style="text-align: right;">[21] <b>2,280,896</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6C12N 15/11 6A61K 38/17 6C07K 16/18 6C12N 1/21 6C07K 14/47 6C12Q 1/68 6C12N 15/70</b> [25] EN [54] <b>NOVEL HUMAN MAGO NASHI PROTEIN</b> [54] <b>NOUVELLE PROTEINE HUMAINE MAGO NASHI</b> [72] GOLI, SURYA K., US [72] HILLMAN, JENNIFER L., US [71] INCYTE PHARMACEUTICALS, INC., US [85] 1999-08-13 [86] 1998-02-12 (PCT/US98/02814) [87] 1998-08-20 (WO98/36069) [30] US (08/801,741) 1997-02-14</p>
<p style="text-align: right;">[21] <b>2,280,890</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B22C 7/02 6B22C 9/04 6B22C 9/06 6B28B 1/26 6C04B 41/45</b> [25] EN [54] <b>METHOD OF CONSTRUCTING FULLY DENSE METAL MOLDS AND PARTS</b> [54] <b>PROCEDE DE FABRICATION DE PIECES METALLIQUES ET DE MOULES COMPLETEMENT DENSES</b> [72] TOBIN, JAMES ROBERT, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-08-10 [86] 1998-02-09 (PCT/US98/02527) [87] 1998-08-13 (WO98/34744) [30] US (08/799,747) 1997-02-12</p>	<p style="text-align: right;">[21] <b>2,280,894</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/82 6C12P 21/02 6C12N 15/14 6C12N 15/15 6C12N 15/57</b> [25] EN [54] <b>PRODUCTION OF MATURE PROTEINS IN PLANTS</b> [54] <b>PRODUCTION DE PROTEINES MATURES DANS DES PLANTES</b> [72] RODRIGUEZ, RAYMOND L., US [72] SUTLIFF, THOMAS D., US [71] APPLIED PHYTOLOGICS, INC., US [85] 1999-08-10 [86] 1998-02-13 (PCT/US98/03068) [87] 1998-08-20 (WO98/36085) [30] US (60/038,169) 1997-02-13 [30] US (60/037,991) 1997-02-13 [30] US (60/038,170) 1997-02-13 [30] US (60/038,168) 1997-02-13</p>	<p style="text-align: right;">[21] <b>2,280,898</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 11/00 6C11D 17/06 6C11D 1/37</b> [25] EN [54] <b>PROCESS FOR MAKING A DETERGENT COMPOSITION BY ADDING CO-SURFACTANTS</b> [54] <b>PROCEDE DE PREPARATION D'UNE COMPOSITION DETERGENTE PAR L'ADDITION DE COTENSIOACTIFS</b> [72] NAEMURA, KENJI, JP [72] KANDASAMY, MANIVANNAN, JP [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-08-10 [86] 1997-02-27 (PCT/US97/03064) [87] 1998-09-03 (WO98/38279)</p>
<p style="text-align: right;">[21] <b>2,280,892</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47F 5/00 6A47F 7/00</b> [25] EN [54] <b>A SYSTEM AND A SUPPORT AND STORING DEVICE FOR CD'S</b> [54] <b>SYSTEME, SUPPORT ET DISPOSITIF DE RANGEMENT POUR C.D.</b> [72] HAYOUN, ARI MAURICE, IL [71] HAYOUN, ARI MAURICE, IL [85] 1999-08-10 [86] 1998-02-12 (PCT/IL98/00072) [87] 1998-08-20 (WO98/35593) [30] IL (120204) 1997-02-12</p>	<p style="text-align: right;">[21] <b>2,280,895</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 33/28 6G01N 21/35</b> [25] EN [54] <b>DETERMINATION OF PROPERTIES OF OIL</b> [54] <b>DETERMINATION DE PROPRIETES DU PETROLE</b> [72] MARTENS, ANDRÉ, FR [72] KELLY, JAMES, US [72] LAMBERT, DIDIER, FR [71] BP CHEMICALS LIMITED, GB [85] 1999-08-10 [86] 1998-02-13 (PCT/GB98/00450) [87] 1998-08-20 (WO98/36274) [30] EP (97430007.1) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,280,899</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02G 15/02</b> [25] EN [54] <b>CABLE CONNECTOR WITH FLUID INJECTION PORT</b> [54] <b>CONNECTEUR DE CABLES EQUIPE D'UN ORIFICE D'INJECTION DE FLUIDE</b> [72] CHAU, ALBERT W., US [72] STAGI, WILLIAM R., US [72] LANAN, KEITH, US [71] UTILX CORPORATION, US [85] 1999-08-11 [86] 1998-02-12 (PCT/US98/03016) [87] 1998-08-20 (WO98/36482) [30] US (08/799,547) 1997-02-13</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,280,901</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C01B 33/159</b> [25] EN [54] <b>PROCESS FOR MAKING HYDROPHOBIC SILICA WITH REDUCED SURFACE AREA UNDER NEUTRAL CONDITIONS</b> [54] <b>PROCEDE DE FABRICATION DE SILICE HYDROPHOBE PRESENTANT UNE AIRE SPECIFIQUE REDUITE DANS DES CONDITIONS NEUTRES</b> [72] BURNS, GARY T., US [72] DENG, QIN, US [72] HAHN, JAMES R., US [72] REESE, CLIFFORD C., US [71] DOW CORNING CORPORATION, US [85] 1999-08-10 [86] 1998-02-18 (PCT/US98/03153) [87] 1998-08-27 (WO98/37013) [30] US (08/806,002) 1997-02-24</p>	<p style="text-align: right;">[21] <b>2,280,905</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 209/56 6C07D 487/00 6C07D 491/00 6C07D 495/00 6A01N 43/42</b> [25] EN [54] <b>HIGHLY LIPOPHILIC CAMPTOTHECIN DERIVATIVES</b> [54] <b>DERIVES DE CAMPTOTHECINE HAUTEMENT LIPOPHILE</b> [72] REDDY, DASHARATHA G., US [72] SEETHARAMULU, P., US [72] YAO, SHIJIE, US [72] MURALI, DHANABALAN, US [72] HAUSHEER, FREDERICK H., US [72] HARIDAS, KOCHAT, US [72] PETLURU, PAVANKUMAR N. V., US [71] BIONUMERIK PHARMACEUTICALS, INC., US [85] 1999-08-09 [86] 1998-02-11 (PCT/US98/02375) [87] 1998-08-20 (WO98/35940) [30] US (60/037,148) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,280,907</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 7/04 6H04N 7/00</b> [25] EN [54] <b>MULTICHANNEL TELEVISION SOUND STEREO AND SURROUND SOUND ENCODER</b> [54] <b>CODEUR DE SON D'AMBIANCE ET DE SON STEREO MULTICANAUX</b> [72] AVALOS, SEALTIEL, US [72] KAYLOR, ROBERT, US [72] KESSLER, ROBERT, US [72] KAYLOR, KEN, US [71] CABLE ELECTRONICS, INC., US [85] 1999-08-10 [86] 1998-02-09 (PCT/US98/02502) [87] 1998-08-13 (WO98/35495) [30] US (60/037,525) 1997-02-10 [30] US (08/918,754) 1997-08-25</p>
<p style="text-align: right;">[21] <b>2,280,902</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 33/53</b> [25] EN [54] <b>AUTOMATED IMMUNOASSAY CASSETTE</b> [54] <b>CASSETTE POUR DOSAGES IMMUNOLOGIQUES AUTOMATISES</b> [72] HEWETT, GARY E., US [72] BARR, ERIC G., US [72] JONES, RONALD M., US [71] CHOLESTECH CORPORATION, US [85] 1999-08-10 [86] 1998-02-18 (PCT/US98/02952) [87] 1998-08-27 (WO98/37416) [30] US (08/803,677) 1997-02-21</p>	<p style="text-align: right;">[21] <b>2,280,906</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/56 6H04L 9/08</b> [25] EN [54] <b>SECURE PACKET RADIO NETWORK</b> [54] <b>RESEAU DE RADIOCOMMUNICATION PAR PAQUETS PROTEGE</b> [72] LARSEN, MARK SIEVERT, ZA [72] LARSEN, JAMES DAVID, ZA [71] SALBU RESEARCH AND DEVELOPMENT (PROPRIETARY) LIMITED, ZA [85] 1999-08-09 [86] 1998-02-09 (PCT/GB98/00392) [87] 1998-08-13 (WO98/35474) [30] ZA (97/1017) 1997-02-07</p>	<p style="text-align: right;">[21] <b>2,280,908</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 1/04</b> [25] EN [54] <b>FISCHER-TROPSCH SYNTHESIS</b> [54] <b>SYNTHESE DE FISCHER-TROPSCH</b> [72] HOLMEN, ANDERS, NO [72] SCHANKE, DAG, NO [72] BERGENE, EDVARD, NO [71] DEN NORSKE STATS OLJESELSKAP A.S, NO [85] 1999-08-10 [86] 1998-02-27 (PCT/NO98/00065) [87] 1998-09-03 (WO98/38147) [30] GB (9704217.0) 1997-02-28</p>
<p style="text-align: right;">[21] <b>2,280,903</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B05B 1/04 6A01M 7/00 6B05B 1/16 6B05B 1/20</b> [25] EN [54] <b>SPRAY NOZZLE ARRANGEMENT</b> [54] <b>ENSEMBLE BUSE DE PULVERISATION</b> [72] PAICE, MARK EDWARD RUSSELL, GB [72] MILLER, PAUL CHARLES HARVEY, GB [71] BTG INTERNATIONAL LIMITED, GB [85] 1999-08-10 [86] 1998-02-26 (PCT/GB98/00608) [87] 1998-09-03 (WO98/37974) [30] GB (9704179.2) 1997-02-28 [30] GB (9721669.1) 1997-10-13</p>	<p style="text-align: right;">[21] <b>2,280,909</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C01B 33/159</b> [25] EN [54] <b>NEUTRAL-AGED HYDROPHOBIC SILICA GELS WITH REDUCED SURFACE AREA</b> [54] <b>GELS DE SILICE HYDROPHOBES A VIEILLISSEMENT NEUTRE PRESENTANT UNE ZONE SUPERFICIELLE LIMITEE</b> [72] REESE, CLIFFORD C., US [72] BURNS, GARY T., US [72] DENG, QIN, US [72] HAHN, JAMES R., US [71] DOW CORNING CORPORATION, US [85] 1999-08-10 [86] 1998-02-18 (PCT/US98/03311) [87] 1998-08-27 (WO98/37014) [30] US (08/805,097) 1997-02-24</p>	<p style="text-align: right;">[21] <b>2,280,909</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C01B 33/159</b> [25] EN [54] <b>NEUTRAL-AGED HYDROPHOBIC SILICA GELS WITH REDUCED SURFACE AREA</b> [54] <b>GELS DE SILICE HYDROPHOBES A VIEILLISSEMENT NEUTRE PRESENTANT UNE ZONE SUPERFICIELLE LIMITEE</b> [72] REESE, CLIFFORD C., US [72] BURNS, GARY T., US [72] DENG, QIN, US [72] HAHN, JAMES R., US [71] DOW CORNING CORPORATION, US [85] 1999-08-10 [86] 1998-02-18 (PCT/US98/03311) [87] 1998-08-27 (WO98/37014) [30] US (08/805,097) 1997-02-24</p>

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,280,910</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 33/00</b> [25] EN [54] <b>POUCHES FOR PACKAGING FLOWABLE MATERIALS</b> [54] <b>SACHETS DESTINES A EMBALLER DES MATIERES FLUIDES</b> [72] FALLA, DANIEL JAMES, CA [71] THE DOW CHEMICAL COMPANY, US [85] 1999-08-10 [86] 1997-02-11 (PCT/US97/01671) [87] 1998-08-13 (WO98/34844)</p>	<p style="text-align: right;">[21] <b>2,280,913</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 401/12 6C07D 403/12 6C07D 401/14 6A61K 31/495</b> [25] EN [54] <b>2-PEPERAZINONE-1-ACETIC ACID DERIVATIVES AND THEIR USE</b> [54] <b>DERIVES D'ACIDE 2-PIPERAZINONE-1-ACETIQUE ET LEUR UTILISATION</b> [72] TAMURA, NORIKAZU, JP [72] TERASHITA, ZEN-ICHI, JP [71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP [85] 1999-08-10 [86] 1998-03-05 (PCT/JP98/00907) [87] 1998-09-11 (WO98/39324) [30] JP (9/53574) 1997-03-07</p>	<p style="text-align: right;">[21] <b>2,280,915</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 3/00 6G02B 6/00 6C09K 19/00</b> [25] EN [54] <b>METHOD OF MAKING REPLICAS AND COMPOSITIONS FOR USE THEREWITH</b> [54] <b>PROCEDE DE FABRICATION DE REPLIQUES ET COMPOSITIONS UTILISEES</b> [72] SAVANT, GAJENDRA, US [72] LATCHINIAN, JACK, US [71] PHYSICAL OPTICS CORPORATION, US [85] 1999-08-10 [86] 1998-02-11 (PCT/US98/02268) [87] 1998-08-20 (WO98/35827) [30] US (08/800,872) 1997-02-14</p>
<p style="text-align: right;">[21] <b>2,280,911</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 29/06 6C10G 47/16</b> [25] EN [54] <b>PROCESS FOR THE PREPARATION OF A CATALYST COMPOSITION</b> [54] <b>PROCEDE POUR LA PREPARATION D'UNE COMPOSITION DE CATALYSEUR</b> [72] GOSSELINK, JOHAN WILLEM, NL [72] VAN VEEN, JOHANNES ANTHONIUS ROBERT, NL [71] SHELL CANADA LIMITED, CA [85] 1999-08-10 [86] 1998-03-05 (PCT/EP98/01414) [87] 1998-09-11 (WO98/39096) [30] EP (97200676.1) 1997-03-06</p>	<p style="text-align: right;">[21] <b>2,280,914</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/04</b> [25] EN [54] <b>EXPANSILE DEVICE FOR USE IN BLOOD VESSELS AND TRACTS IN THE BODY AND TENSION APPLICATION DEVICE FOR USE THEREWITH AND METHOD</b> [54] <b>DISPOSITIF EXPANSIBLE PREVU POUR ETRE UTILISE DANS LES VAISSEAUX ET FAISCEAUX SANGUINS ET SYSTEME D'APPLICATION DE TENSION PREVU POUR ETRE MIS EN OEUVRE AVEC CELUI-CI ET PROCEDE</b> [72] LEMPert, TODD E., US [72] MARTIN, BRIAN B., US [72] EPSTEIN, GORDON H., US [71] BIOINTERVENTIONAL CORPORATION, US [85] 1999-08-10 [86] 1998-02-06 (PCT/US98/02483) [87] 1998-08-13 (WO98/34546) [30] US (08/798,870) 1997-02-11 [30] US (08/972,383) 1997-11-18</p>	<p style="text-align: right;">[21] <b>2,280,916</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 43/08</b> [25] EN [54] <b>PREPACKED FLUSH JOINT WELL SCREEN</b> [54] <b>FILTRE DE Puits A JOINT LISSE PREFABRIQUE</b> [72] JOHNSON, RUSSELL P., US [71] AMERON INTERNATIONAL CORPORATION, US [85] 1999-08-11 [86] 1998-02-06 (PCT/US98/02556) [87] 1998-08-13 (WO98/35132) [30] US (08/798,072) 1997-02-12</p>
<p style="text-align: right;">[21] <b>2,280,912</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01R 33/035 6G01R 33/022</b> [25] EN [54] <b>MAGNETIC GRADIOMETER</b> [54] <b>GRADIOMETRE MAGNETIQUE</b> [72] SATCHELL, JULIAN SIMON, GB [72] KEENE, MARK NICHOLAS, GB [71] THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT, GB [85] 1999-08-10 [86] 1998-03-06 (PCT/GB98/00685) [87] 1998-09-17 (WO98/40757) [30] GB (9704911.8) 1997-03-10</p>	<p style="text-align: right;">[21] <b>2,280,917</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F02M 35/10 6F02B 27/02 6F02M 35/12</b> [25] EN [54] <b>PIPE WITH A VARIABLE CROSS SECTION</b> [54] <b>TUBULURE A SECTION VARIABLE</b> [72] FUESSER, ROLF, DE [72] LEIPELT, RUDOLF, DE [71] FILTERWERK MANN &amp; HUMMEL GMBH, DE [85] 1999-08-10 [86] 1998-02-05 (PCT/EP98/00616) [87] 1998-08-13 (WO98/35156) [30] DE (197 04 230.9) 1997-02-05</p>	

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,280,918</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 10/12</b> [25] EN [54] <b>METHOD AND APPARATUS FOR MAINTAINING AVAILABILITY OF LIFELINE TELEPHONY SERVICE ON A HYBRID FIBER-COAX NETWORK</b> [54] <b>PROCEDE ET APPAREIL POUR ASSURER LA DISPONIBILITE D'UN SERVICE TELEPHONIQUE DE SECOURS SUR UN RESEAU HYBRIDE DE LIGNES COAXIALES ET DE FIBRES</b> [72] BEVERIDGE, GREGORY J., US [71] U S WEST, INC., US [71] MEDIAONE GROUP, INC., US [85] 1999-08-10 [86] 1998-12-31 (PCT/US98/27860) [87] 1999-07-08 (WO99/34541) [30] US (001,642) 1997-12-31</p>	<p style="text-align: right;">[21] <b>2,280,921</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E06C 1/12 6E06C 1/22</b> [25] EN [54] <b>FOLDING LADDER</b> [54] <b>EHELLE PLIANTE</b> [72] GUENTHER, KRAUSE, DE [71] KRAUSE-WERK GMBH &amp; CO. KG, DE [85] 1999-08-09 [86] 1998-02-14 (PCT/EP98/00844) [87] 1998-09-11 (WO98/39546) [30] DE (297 03 876.1) 1997-03-04</p>	<p style="text-align: right;">[21] <b>2,280,930</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 14/00 6A61K 39/00 6C07K 16/18 6G01N 33/574</b> [25] EN [54] <b>PROTEIN MARKERS FOR LUNG CANCER AND USE THEREOF</b> [54] <b>PROTEINES-MARQUEURS POUR LE CANCER DU POUMON ET UTILISATION DE CES DERNIERES</b> [72] HANASH, SAMIR M., US [71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US [85] 1999-08-12 [86] 1998-02-12 (PCT/IB98/00361) [87] 1998-08-20 (WO98/35985) [30] US (60/038,819) 1997-02-12</p>
<p style="text-align: right;">[21] <b>2,280,919</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F23D 11/36</b> [25] EN [54] <b>REDUCED RESISTANCE DEVICE FOR PRODUCING IGNITION SPARKS</b> [54] <b>DISPOSITIF A RESISTANCE REDUITE POUR PRODUIRE DES ETINCELLES D'ALLUMAGE</b> [72] MONNIER, JEAN MICHEL, US [72] McDONOUGH, JAMES M., US [72] ADAMS, PAUL H., US [71] BIC CORPORATION, US [85] 1999-08-10 [86] 1998-02-05 (PCT/US98/02381) [87] 1998-08-27 (WO98/37365) [30] US (08/798,579) 1997-02-10</p>	<p style="text-align: right;">[21] <b>2,280,922</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04H 1/02 6H04N 7/14</b> [25] EN [54] <b>VIDEO, DATA AND TELEPHONY GATEWAY</b> [54] <b>PASSERELLE POUR SERVICES VIDEO, DE DONNEES ET DE TELEPHONIE</b> [72] EAMES, THOMAS R., US [72] ELDERING, CHARLES A., US [71] NEXT LEVEL COMMUNICATIONS, US [85] 1999-08-09 [86] 1998-02-19 (PCT/US98/03232) [87] 1998-08-27 (WO98/37648) [30] US (60/038,276) 1997-02-19</p>	<p style="text-align: right;">[21] <b>2,280,931</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61L 27/00 6A61K 38/18 6C07K 14/51</b> [25] EN [54] <b>MATRIX-FREE OSTEOGENIC DEVICES, IMPLANTS AND METHODS OF USE THEREOF</b> [54] <b>DISPOSITIF OSTEOGENIQUES SANS MATRICE, IMPLANTS ET METHODES D'UTILISATION ASSOCIEES</b> [72] TUCKER, MARJORIE M., US [72] RUEGER, DAVID C., US [71] STRYKER CORPORATION, US [85] 1999-08-05 [86] 1998-02-05 (PCT/US98/02159) [87] 1998-08-13 (WO98/34655) [30] US (60/037,327) 1997-02-07 [30] US (60/047,909) 1997-05-29</p>
<p style="text-align: right;">[21] <b>2,280,920</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E04H 3/28</b> [25] EN [54] <b>A COLLAPSIBLE STAGE OR LIKE STRUCTURE</b> [54] <b>SCENE REPLIABLE OU STRUCTURE SIMILAIRE</b> [72] WOODS, DAVID JOHN, AU [72] WOODS, CARL HENRY, AU [72] WOODS, RUSHTON CARL, AU [71] EZISTAGE PTY LTD, AU [85] 1999-08-10 [86] 1998-02-17 (PCT/AU98/00097) [87] 1998-08-27 (WO98/37291) [30] AU (PO 5145) 1997-02-18</p>	<p style="text-align: right;">[21] <b>2,280,923</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C21D 8/02 6C22C 38/48 6C22C 38/50</b> [25] EN [54] <b>HIGH-TENSILE-STRENGTH STEEL AND METHOD OF MANUFACTURING THE SAME</b> [54] <b>ACIER A RESISTANCE ELEVEE A LA RUPTURE ET PROCEDE DE PRODUCTION</b> [72] FUJIWARA, KAZUKI, JP [72] LUTON, MICHAEL J., US [72] PETERSEN, CLIFFORD W., US [72] BANGARU, NARASIMHA-RAO, US [72] HAMADA, MASAHIKO, JP [72] KOO, JAYOUNG, US [72] KOMIZO, YU-ICHI, JP [72] OKAGUCHI, SHUJI, JP [71] EXXON PRODUCTION RESEARCH COMPANY, US [71] SUMITOMO METAL INDUSTRIES, LTD., JP [85] 1999-08-09 [86] 1998-02-26 (PCT/US98/02966) [87] 1998-09-03 (WO98/38345) [30] JP (9/43630) 1997-02-27</p>	<p style="text-align: right;">[21] <b>2,280,932</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 14/40 6C12N 15/31</b> [25] EN [54] <b>ISOLATED CANDIDA ALBICANS OLIGOPEPTIDE TRANSPORTER GENE</b> [54] <b>GENE TRANSPORTEUR D'OLIGOPEPTIDES ISOLES DE CANDIDA ALBICANS</b> [72] BECKER, JEFFREY M., US [72] LUBKOWITZ, MARK A., US [71] THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION, US [85] 1999-08-05 [86] 1998-02-06 (PCT/US98/02332) [87] 1998-08-13 (WO98/34950) [30] US (60/037,859) 1997-02-07</p>

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<p style="text-align: right;">[21] <b>2,280,933</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68</b> [25] EN [54] <b>A METHOD TO IDENTIFY AND BREED CORN WITH INCREASED KERNEL OIL CONCENTRATION</b> [54] <b>PROCEDE D'IDENTIFICATION ET DE SELECTION DU MAIS POSSEDANT DES GRAINS A TENEUR ELEVEE EN HUILE</b> [72] REITER, ROBERT STEFAN, US [71] E. I. DU PONT DE NEMOURS AND COMPANY, US [85] 1999-08-05 [86] 1998-03-19 (PCT/US98/05550) [87] 1998-10-01 (WO98/42870) [30] US (60/041,515) 1997-03-24</p>	<p style="text-align: right;">[21] <b>2,280,936</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65G 47/84</b> [25] FR [54] <b>ROUE DENTEE DE TRANSFERT POUR PREFORMES OU RECIPIENTS</b> [54] <b>COG WHEEL FOR TRANSFERRING PREFORMS OR CONTAINERS</b> [72] COCHIN, FRANÇOIS, FR [71] ADS, FR [85] 1999-08-06 [86] 1998-12-14 (PCT/FR98/02714) [87] 1999-06-24 (WO99/30994) [30] FR (97/15926) 1997-12-16</p>	<p style="text-align: right;">[21] <b>2,281,479</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04M 11/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR CONNECTING AN INCOMING CALL TO A COMPUTER SYSTEM THAT IS ALREADY ENGAGED IN A COMMUNICATION SESSION</b> [54] <b>PROCEDE ET APPAREIL DE CONNEXION D'UN APPEL ENTRANT A UN SYSTEME INFORMATIQUE DEJA OCCUPE DANS UNE SESSION DE COMMUNICATION</b> [72] MIRASHRAFI, MOJTABA, US [72] PIRKL, KEITH A., US [72] PENDSE, AJIT B., US [72] KEELER, KENNETH L., US [72] TAYLOR, GEORGE L., US [71] EFUSION, INC., US [85] 1999-08-13 [86] 1998-02-03 (PCT/US98/01679) [87] 1998-08-20 (WO98/36551) [30] US (08/801,698) 1997-02-14</p>
<p style="text-align: right;">[21] <b>2,280,934</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68 6A01H 1/04</b> [25] EN [54] <b>A METHOD FOR IDENTIFYING GENETIC MARKER LOCI ASSOCIATED WITH TRAIT LOCI</b> [54] <b>METHODE POUR IDENTIFIER DES LOCI DE MARQUEUR GENETIQUE ASSOCIES A DES LOCI DE TRAITS DE CARACTERE</b> [72] BYRUM, JOSEPH RICHARD, US [72] REITER, ROBERT STEFAN, US [71] E. I. DU PONT DE NEMOURS AND COMPANY, US [71] ASGROW SEED COMPANY, US [85] 1999-08-05 [86] 1998-03-18 (PCT/US98/05135) [87] 1998-09-24 (WO98/41655) [30] US (60/039,844) 1997-03-20 [30] US (08/826,409) 1997-03-27</p>	<p style="text-align: right;">[21] <b>2,280,937</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 6/42 6H01L 23/057</b> [25] FR [54] <b>BOITIER ELECTRONIQUE OU OPTOELECTRONIQUE A INSERT CERAMIQUE</b> [54] <b>ELECTRONIC OR OPTOELECTRONIC HOUSING WITH CERAMIC INSERT</b> [72] DODY, JEAN-NOEL, FR [72] HAVASI, MARC, FR [71] EGIDE S.A., FR [85] 1999-08-10 [86] 1998-02-13 (PCT/FR98/00284) [87] 1998-08-20 (WO98/36305) [30] FR (97/02177) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,281,546</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C04B 35/52 6C22C 26/00</b> [25] EN [54] <b>HIGH STRENGTH, HIGH WEAR RESISTING DIAMOND SINTERED BODY AND TOOL COMPRISING THE DIAMOND</b> [54] <b>CORPS FRITTE EN DIAMANT A HAUTE RESISTANCE ET FORTEMENT RESISTANT A L'USURE ET OUTIL COMPRENANT LEDIT DIAMANT</b> [72] OGATA, YASUNOBU, JP [72] KUKINO, SATORU, JP [72] KANADA, YASUYUKI, JP [72] NAKAI, TETSUO, JP [72] SHIRAISHI, JUNICHI, JP [71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP [85] 1999-08-17 [86] 1998-12-14 (PCT/JP98/05649) [87] 1999-09-02 (WO99/43630) [30] JP (10-45468) 1998-02-26</p>
<p style="text-align: right;">[21] <b>2,280,935</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F03D 9/00 6F03D 9/02 6F03D 7/04</b> [25] FR [54] <b>EOLIENNE A ATTAQUE DIRECTE BASSE VITESSE</b> [54] <b>LOW SPEED DIRECT DRIVEN WIND TURBINE</b> [72] CANINI, JEAN-MARC, FR [72] BRUTSAERT, PATRICK, FR [72] MICHAUX, RAYMOND, FR [71] JEUMONT INDUSTRIE, FR [85] 1999-08-06 [86] 1998-03-09 (PCT/FR98/00468) [87] 1998-09-17 (WO98/40627) [30] FR (97/02808) 1997-03-10</p>	<p style="text-align: right;">[21] <b>2,280,938</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07F 9/28 6H01M 10/08 6C07F 9/535</b> [25] EN [54] <b>LITHIUM FLUOROPHOSPHATES AND THEIR USE AS CONDUCTING SALTS</b> [54] <b>FLUOROPHOSPHATES DE LITHIUM ET LEUR UTILISATION COMME SELS CONDUCTEURS</b> [72] SARTORI, PETER, DE [72] IGNATYEV, NIKOLAI, DE [71] MERCK PATENT GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, DE [85] 1999-04-01 [86] 1997-09-24 (PCT/EP97/05230) [87] 1998-04-16 (WO98/15562) [30] DE (196 41 138.6) 1996-10-05</p>	

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[21] **2,281,685**  
[13] A1  
[51] Int.Cl. 6C07D 207/40 6C07C 53/00  
**6C07C 59/245**  
[25] EN  
[54] PROCESS FOR MAKING MALEIC ANHYDRIDE POLYMERS WHICH INCLUDE MALEAMIC ACID AND/OR ITS CYCLIC IMIDE REPEAT UNITS  
[54] PROCEDE DE PRODUCTION DE POLYMERE D'ANHYDRE MALIQUE COMPRENANT UN ACIDE MALEMIQUE ET/OU SES UNITES DE REPETITION D'IMIDE CYCLIQUE  
[72] KATIRGIS, JOHN A., US  
[72] ULMER, HERBERT W., US  
[71] ISP INVESTMENTS INC., US  
[85] 1999-08-12  
[86] 1998-03-04 (PCT/US98/04240)  
[87] 1998-11-05 (WO98/49143)  
[30] US (08/845,669) 1997-04-25

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[21] **2,281,717**  
[13] A1  
[51] Int.Cl. 6G06K 11/18 6B43K 5/14  
**6G06K 11/14**  
[25] EN  
[54] MARKING DEVICE FOR ELECTRONIC PRESENTATION BOARD  
[54] DISPOSITIF DE MARQUAGE POUR TABLEAU DE PRESENTATION ELECTRONIQUE  
[72] HOLTZMAN, RAFI, US  
[71] ELECTRONICS FOR IMAGING, INC., US  
[85] 1999-08-12  
[86] 1998-02-26 (PCT/US98/03883)  
[87] 1998-09-03 (WO98/38595)  
[30] US (08/808,524) 1997-02-28

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[21] **2,281,731**  
[13] A1  
[51] Int.Cl. 6A61B 5/04  
[25] EN  
[54] COMPUTERIZED EMG DIAGNOSTIC SYSTEM  
[54] SYSTEME DE DIAGNOSTIC ELECTROMYOGRAPHIQUE (EMG) INFORMATISE  
[72] PUGH, DENNIS R., US  
[72] FINNERAN, BRENDA A., US  
[72] BIHARI, THOMAS E., US  
[72] FINNERAN, MARK T., US  
[71] PARASPINAL DIAGNOSTIC CORPORATION, US  
[85] 1999-08-18  
[86] 1998-04-14 (PCT/US98/07850)  
[87] 1998-10-22 (WO98/46129)  
[30] US (60/043,092) 1997-04-15  
[30] US (09/032,730) 1998-02-27

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[21] **2,281,772**  
[13] A1  
[51] Int.Cl. 6H04M 3/40 6H04M 1/76  
[25] EN  
[54] METHOD FOR AUTOMATICALLY ADAPTING LEVELS OF SIGNALS EXCHANGED IN A COMMUNICATION NETWORK  
[54] PROCEDE D'ADAPTATION AUTOMATIQUE DES NIVEAUX DES SIGNAUX ECHANGES DANS UN RESEAU DE COMMUNICATION  
[72] LORIN, CHRISTOPHE, FR  
[71] THOMSON MULTIMEDIA, FR  
[85] 1999-08-16  
[86] 1998-02-16 (PCT/FR98/00295)  
[87] 1998-08-20 (WO98/36549)  
[30] FR (97/01827) 1997-02-17

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[21] **2,281,774**  
[13] A1  
[51] Int.Cl. 6H04Q 11/04 6H04B 10/00  
**6H04Q 11/00 6G02B 6/42 6H04L 12/56**  
[25] EN  
[54] COUPLING SYSTEM FOR A BROADBAND COMMUNICATION SYSTEM  
[54] SYSTEME DE COUPLAGE POUR SYSTEME DE COMMUNICATION A LARGE BANDE  
[72] BRAND, UWE, DE  
[72] KESSLER, JOCHEN, DE  
[72] BURGHARDT, HARTMUT, DE  
[72] ZELLERHOFF, THOMAS, DE  
[72] STEINHAUSER, KARL-AUGUST, DE  
[72] NEUNER, THOMAS, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 1999-08-16  
[86] 1998-02-12 (PCT/DE98/00408)  
[87] 1998-08-27 (WO98/37726)  
[30] DE (197 06 280.6) 1997-02-18

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[21] **2,281,795**  
[13] A1  
[51] Int.Cl. 6A61K 31/47  
[25] EN  
[54] USE OF CYANINES, ISOCYANINES AND PSEUDOISOCYANINES AS DIURETICS  
[54] UTILISATION DE CYANINES, D'ISOCYANINES ET DE PSEUDOISOCYANINES COMME DIURETIQUES  
[72] OSSWALD, HARTMUT, DE  
[72] SCHOMIG, EDGAR, DE  
[72] MUHLBAUER, BERND, DE  
[72] RUSS, HERMANN, DE  
[71] OSSWALD, HARTMUT, DE  
[85] 1999-08-16  
[86] 1997-12-22 (PCT/DE97/02997)  
[87] 1998-08-20 (WO98/35678)  
[30] DE (197 06 161.3) 1997-02-17



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[51] <b>Int.Cl. 6H04N 7/18</b> [25] EN [54] <b>TRANSACTION SYSTEM</b> [54] <b>SYSTEME DE TRANSACTION</b> [72] MCINTYRE, DANIEL S., US [72] BENORE, RANDOLPH C., US [72] FRAZZITTA, BARTHOLOMEW J., US [72] DEPIETRO, MARK, US [72] KALMAN, JEFFREY M., US [71] DIEBOLD, INCORPORATED, US [85] 1999-08-18 [86] 1998-05-05 (PCT/US98/09178) [87] 1998-11-12 (WO98/51082) [30] US (60/045,794) 1997-05-07 [30] US (08/889,033) 1997-07-07	[51] <b>Int.Cl. 6C11B 1/10 6C12F 3/06</b> [25] EN [54] <b>BARLEY MALT OIL CONTAINING VEGETABLE CERAMIDE-ASSOCIATED SUBSTANCES AND PROCESS FOR PRODUCING THE SAME</b> [54] <b>HUILE DE MALT D'ORGE CONTENANT DES SUBSTANCES VEGETALES ASSOCIEES A DES CERAMIDES, ET PROCEDE DE FABRICATION ASSOCIE</b> [72] HIROTA, AKIRA, JP [72] KOBAYASHI, FUJIO, JP [72] ABE, NAOKI, JP [72] KADO, HISAO, JP [71] SAPPORO BREWERIES LIMITED, JP [85] 1999-08-16 [86] 1998-12-24 (PCT/JP98/05855) [87] 1999-07-08 (WO99/33939) [30] JP (366876/1997) 1997-12-26	[51] <b>Int.Cl. 6C07D 251/54 6C09K 21/12 6C08K 5/51</b> [25] EN [54] <b>COMPOSITE SALT OF POLYPHOSPHORIC ACID WITH MELAMINE, MELAM, AND MELEM AND PROCESS FOR PRODUCING THE SAME</b> [54] <b>SEL COMPOSITE D'ACIDE POLYPHOSPHORIQUE AVEC MELAMINE, MELAM ET MELEM ET PROCEDE DE PREPARATION DE CELUI-CI</b> [72] SUZUKI, KEITARO, JP [72] IJIMA, MOTOKO, JP [72] SHINDO, MASUO, JP [71] NISSAN CHEMICAL INDUSTRIES, LTD., JP [85] 1999-08-24 [86] 1998-02-26 (PCT/JP98/00777) [87] 1998-09-11 (WO98/39306) [30] JP (9/49211) 1997-03-04
[21] <b>2,281,818</b> [13] A1	[21] <b>2,281,918</b> [13] A1	[21] <b>2,281,937</b> [13] A1
[51] <b>Int.Cl. 6H04B 7/26 6H04L 1/18 6H04B 1/69</b> [25] EN [54] <b>METHOD TO GAIN ACCESS TO A BASE STATION IN A DISCRETE MULTITONE SPREAD SPECTRUM COMMUNICATIONS SYSTEM</b> [54] <b>PROCEDE DE CODE DE REDONDANCE CYCLIQUE HORS CANAL DESTINE A UN SYSTEME DE COMMUNICATIONS A ETALEMENT DU SPECTRE ET A TONALITES MULTIPLES DISCRETES</b> [72] GIBBONS, DAVID, US [72] MAXWELL, ROBERT LEE, US [72] RYAN, DAVID JAMES, US [71] AT&T WIRELESS SERVICES, INC., US [85] 1999-08-18 [86] 1998-02-24 (PCT/US98/03557) [87] 1998-08-27 (WO98/37647) [30] US (08/803,831) 1997-02-24	[51] <b>Int.Cl. 6C07D 413/14 6C07D 491/056 6A61K 31/445</b> [25] EN [54] <b>OXAZOLIDINES AS 5-HT2A-ANTAGONISTS</b> [54] <b>OXAZOLIDINONES S'UTILISANT COMME 5-HT2A-ANTAGONISTES</b> [72] PRUCHER, HELMUT, DE [72] GREINER, HELMUT, DE [72] BOTTCHEER, HENNING, DE [72] SEYFRIED, CHRISTOPH, DE [72] BARTOSZYK, GERD, DE [71] MERCK PATENT GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, DE [85] 1999-08-24 [86] 1998-02-06 (PCT/EP98/00637) [87] 1998-09-03 (WO98/38189) [30] DE (197 07 628.9) 1997-02-26	[51] <b>Int.Cl. 6A61K 31/675 6A61K 31/66</b> [25] EN [54] <b>REMEDIES FOR INTRAMEDULLARY DISEASES</b> [54] <b>REMEDES CONTRE LES MALADIES INTRAMEDULLAIRES</b> [72] FUNABA, YURIKO, JP [72] KOIKE, JUNZO, JP [72] TANAHASHI, MASAHIKO, JP [72] ITO, MASATOSHI, JP [72] OKAZAKI, SEIJI, JP [71] TORAY INDUSTRIES, INC., JP [85] 1999-08-24 [86] 1998-12-24 (PCT/JP98/05878) [87] 1999-07-08 (WO99/33473) [30] JP (9-358245) 1997-12-25

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Payne, Jewel	1,340,813	Sakaguchi, Shinichi	2,077,426	Straeter, William F.	2,145,490
Pearson, James Eugene	2,122,317	Sakai, Ichiro	2,077,426	Su, Wei-Yang	2,117,580
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(The)	2,155,342	Schellinger, Michael J.	2,105,767	Takaishi, Hideo	2,098,239
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(The)	2,162,666	HEALTHCARE		Tallard, Robert	2,159,267
Procter & Gamble Company		PRODUCTS, INC.	2,123,552	Tallbäck, Göte	2,141,799
(The)	2,167,158	Schick, Jeffrey Carl	2,175,408	Tanaka, Katsu	2,171,020
		SCHMUTZ, Urs	2,116,379	Tanaka, Tatsuo	2,111,815

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BEEMAN, Robert H.	2,268,646	CHAMBERS, Robert M.	2,234,991	DUNHAM, Lisle J.	2,260,328
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BONAQUIST, Dante Patrick	2,260,722	CSELT - CENTRO STUDI E LABORATORI TELECOMUNICAZIONI S.P.A.	2,268,425	FAY, Martin F.	2,269,231
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HAWKINS, Joel Michael	2,268,680	KAI R&D CENTER CO., LTD.	2,246,898	LU, Robert Zhong	2,265,407
HAWKINS, Joel Michael	2,268,684	KASAI, Masaji	2,268,586	LU, Robert Zhong	2,265,982
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HIGH, Grant Lysle	2,268,580	LIMITED	2,268,687	MAHONEY, Patrick D.	2,268,558
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HINGST, Erin	2,238,154	KLOEPPPEL, Andrew Arno	2,265,407	MALLECOT, Franck	2,264,248
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HONEYWELL INC.	2,268,647	KWOK, Kui-Chiu	2,267,122	MARQUARDT, Ronald	2,228,821
HOSHI, Younosuke	2,264,376	KWOK, Kui-Chiu	2,267,137	MARTEL, Yvon	2,230,270
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HOUGH, Harold	2,262,178	KYOWA HAKKO KOGYO CO.,		MARTIN, Francis P.	2,228,832
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HOWARD, Harry Ralph	2,269,049	LABELL, Daniel	2,269,168	MARTINEAU, Pierre	2,269,012
HRISTOV, Vejen	2,262,849	L'AIR LIQUIDE, SOCIÉTÉ		MARTINI, Thomas	2,269,398
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				MATSUMOTO, Yukihiko	2,269,050

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MAYTAG CORPORATION	2,260,724	NORTEL MATRA CELLULAR	2,268,424	INC.	2,260,722
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MAYTAG CORPORATION	2,261,113	INC.	2,268,855	QIN, RENYAN	2,235,021
McCUE, Karen Ann	2,265,363	NORTHERN TELECOM		QUINN, Kenneth R.	2,234,660
McCUE, Karen Ann	2,265,364	LIMITED	2,234,659	R.W. FERNSTRUM &	
McCUE, Karen Ann	2,265,407	NORTHERN TELECOM		COMPANY	2,268,607
McCUE, Karen Ann	2,265,982	LIMITED	2,269,174	RAA, Jan	2,269,396
MCGIBNEY, Grant	2,234,777	Northman Holdings Inc.	2,234,885	RADIANS, INC.	2,275,057
MCWHINNIE, Elizabeth A.	2,269,192	NORZYME INC.	2,228,821	RAINBOLT, Luke B.	2,269,315
MEDICAL COLLEGE OF		OGASA, Takehiro	2,268,586	RAKOS, Ronald	2,269,310
HAMPTON ROADS	2,268,211	OGAWA, Atsuhisa	2,269,000	RECKITT & COLEMAN INC.	2,265,364
MELIGA, Marina	2,268,428	OGAWA, Takaki	2,267,989	RECKITT & COLMAN INC.	2,265,363
MEMORIAL DOME INC.	2,267,404	OHMORY, Akio	2,269,000	RECKITT & COLMAN INC.	2,265,407
MENASSA, Chérif	2,243,128	OKITA, Masaya	2,268,357	RECKITT & COLMAN INC.	2,265,982
MENCI, Pier Giovanni	2,268,616	OLSON, Thomas A.	2,260,328	REGAN, John P.	2,235,061
MENCI, Romano	2,268,616	OMI KOGYO CO., LTD.	2,256,806	REICHMAN, Ronald	2,268,558
MIKOHN GAMING		OMI, Shohei	2,256,806	REICHMAN, Ronald	2,268,559
CORPORATION	2,264,341	ORIANAN, T. Philips	2,269,047	REITER, Lawrence Alan	2,268,484
MILANESE, Paolo	2,268,754	ORIHHEL, Fabienne	2,269,021	REMMELE, Thomas	2,268,858
MILLS, Vaughn	2,265,956	OTA, Masataka	2,268,730	RENARD, Pierre	2,263,059
MIMURA, Takashi	2,268,586	OTSUKA, Kiyokazu	2,269,150	REYES, Erenio	2,259,875
MITSUBISHI HEAVY		OTTO BOCK		REYES, Erenio	2,259,877
INDUSTRIES, LTD.	2,264,376	ORTHOPÄDISCHE		RHODE, Edward W., III	2,268,201
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MITSUDERA, Hiroyuki	2,268,621	KOMMANDITGESELL	2,266,113	RICHAUD, Johan	2,269,021
MIZUTANI, Mami	2,268,566	OVER, George William	2,268,580	RICOTTA, John Peter	2,260,722
MONDEN, Yukitaka	2,268,566	OWENS-BROCKWAY GLASS		RING, Michael E.	2,241,550
MOORE U.S.A. INC.	2,235,061	CONTAINER INC.	2,267,873	ROBERDS, James	2,269,315
MORISHIMA, Takahito	2,234,859	PALAZZINI, Ernesto	2,267,543	ROBINSON, Edgar C.	2,234,916
MOSAIX, INC.	2,268,757	PALMER, Glenn R.	2,234,893	RODRIGUEZ, Manuel D.	2,268,421
MOSLER, Lüder	2,266,113	PAOLETTI, Roberto	2,268,428	ROHLFING, Gerhard	2,262,849
MUELLER, Eric Owen	2,260,722	PARROT, Lucie	2,230,264	ROHM AND HAAS COMPANY	2,268,676
MULCH SEAL, LLC	2,269,008	PARNICK, David Ross	2,260,722	RORSTAD, Gunnar	2,269,396
MURADOV, Nazim Z.	2,268,469	PATTERSON, MICHAEL R.	2,276,847	ROSS OPERATING VALVE	
MXT INC.	2,234,760	PEROL, Philippe Alfred	2,268,993	COMPANY D/B/A/ ROSS	
MYERS, Ronald T.	2,267,873	PETERSON, Mark W.	2,268,647	CONTROLS	2,267,745
NADEAU, François	2,231,524	PFEIFFER, Bruno	2,263,059	ROSSOTTO, Oriana	2,268,425
NADEAU, François	2,267,586	PFIZER PRODUCTS INC.	2,268,484	ROULLET, Laurent	2,264,338
NAGAI, Katsumi	2,267,989	PFIZER PRODUCTS INC.	2,268,679	RUBBI, Flavia	2,267,543
NAKAGAWA, Atsushi	2,268,563	PFIZER PRODUCTS INC.	2,268,680	RUDKOWSKI, Piotr	2,234,760
NANAVATI, Narendra Vrajlal	2,265,363	PFIZER PRODUCTS INC.	2,268,684	RUTTMANN, Gerhard	2,268,432
NANAVATI, Narendra Vrajlal	2,265,364	PFIZER PRODUCTS INC.	2,268,870	RYPKEMA, Ralph Edward	2,265,363
NANAVATI, Narendra Vrajlal	2,265,407	PFIZER PRODUCTS INC.	2,269,046	RYPKEMA, Ralph Edward	2,265,364
NANAVATI, Narendra Vrajlal	2,265,982	PFIZER PRODUCTS INC.	2,269,049	RYPKEMA, Ralph Edward	2,265,407
NARASIMHAN, Partha	2,265,293	PHILLIPS & TEMRO		RYPKEMA, Ralph Edward	2,265,982
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SLOWINSKI, David N.	2,260,328	TESMA INTERNATIONAL		TECHNOLOGIES, INC.	2,269,168
SMIALOWICZ, Dennis Thomas	2,265,363	INC.	2,269,033	WESTINGHOUSE AIR BRAKE	
SMIALOWICZ, Dennis Thomas	2,265,364	THE GEORGE WASHINGTON		COMPANY	2,239,271
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SMITH, Maryclay	2,238,154	UNIVERSITY	2,240,609	WESTINGHOUSE AIR BRAKE	
SOCIÉTÉ		THE LUBRIZOL		COMPANY	2,241,550
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SOMMERFELD, Howard	2,239,271	THERMOLEC LTÉE.	2,243,128	XU, Jingming	2,269,231
SPINK, Kenneth M.	2,265,956	THIMMESCH, Jan P.	2,268,315	YAMAGUCHI, Tetsuhiko	2,249,719
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BOSTON SCIENTIFIC IRELAND		CAULFIELD, MICHAEL J.	2,280,839	SYSTEMS INC.	2,280,338
LIMITED	2,280,812	CAUWENBERG, GERARD F.	2,280,747	D.S.P.C. TECHNOLOGIES LTD.	2,280,689
BOSTON SCIENTIFIC IRELAND		CENTRAL RESEARCH		D.S.P.C. TECHNOLOGIES LTD.	2,280,767
LIMITED	2,280,814	LABORATORIES LIMITED	2,280,030	DAAGE, MICHEL	2,280,724
BOTTCHER, HENNING	2,281,918	CERUTTI, DANIEL	2,280,054	DALKO, MARIA	2,280,185
BOURNE, ANTHONY	2,280,760	CETNAR, ROMAN	2,280,157	DALUGE, SUSAN MARY	2,280,730
BOURQUE, BERNARD J.	2,280,486	CHAMBERLAIN, STANLEY		DANISCO A/S	2,280,210
BP CHEMICALS LIMITED	2,280,895	DAWES	2,280,761	DANISCO A/S	2,280,230
BRAND, UWE	2,281,774	CHAN, JOSEPH HOWING	2,280,761	DANISCO A/S	2,280,236
BRANKOVIC, VESELIN	2,280,870	CHAN, MICHAEL YUWAH	2,280,726	DARR, RICHARD C.	2,280,797
BRATZ, MATTHIAS	2,280,513	CHANDLER, CLIVE D.	2,280,865	DARWIN DISCOVERY LIMITED	2,280,134
BRENNAN, THOMAS M.	2,280,484	CHAU, ALBERT W.	2,280,899	DARWIN DISCOVERY LIMITED	2,280,135
BRENNEMAN, RODNEY	2,280,757	CHEBURKOV, YURI	2,280,786	DAS, JULIE ROSALYN	2,280,877
BRENNEMAN, RODNEY	2,280,812	CHEN, FUNG-JOU	2,280,018	DAVID, JOHN B.	2,280,734
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(INVESTMENTS) LIMITED	2,280,749	CHILDREN'S HOSPITAL OF LOS		DEAN FOODS COMPANY	2,280,153
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CORPORATION	2,280,819	CHMIELEWSKI, DIETMAR	2,280,849	DEASON, HOWARD THOMAS	2,280,082
BRITISH		CHOLESTECH CORPORATION	2,280,902	deBOISBLANC, BENNET P.	2,280,808
TELECOMMUNICATIONS		CHRETIEN, PIERRE	2,280,156	deBOISBLANC, BENNET P.	2,280,817
PUBLIC LIMITED		CHRIST, GEORGE J.	2,280,770	DEN NORSEK STAT	
COMPANY	2,280,182	CHRISTNER, ARNULF	2,280,086	OLJESLSKAP A.S	2,280,908
BROCKBANK, ROBERT		CHUGAI SEIYAKU KABUSHIKI		DENDREON CORPORATION	2,280,129
GRENVILLE	2,280,182	KAISHA	2,280,875	DENG, QIN	2,280,901
BROOKEY, TOMMY E.	2,280,713	CHWALISZ, KRISTOF	2,280,041	DENG, QIN	2,280,909
BROWN, CHARLES RUPERT		CIBA SPECIALTY CHEMICALS		DEPIETRO, MARK	2,281,814
TELFORD	2,280,189	HOLDING INC.	2,280,268	DETTADIAN, SAAK	2,280,186
BROWN, JENNIFER	2,280,275	CIBA SPECIALTY CHEMICALS		DERVAN, PETER B.	2,280,806
BROWN, JOE E.	2,280,729	HOLDING INC.	2,280,778	DESOBRY, VINCENT	2,280,516
BROWN, SCOTT A.	2,280,718	CIBA SPECIALTY CHEMICALS		DI BUGNO, CRISTINA	2,280,228
BRUNO, MARIA	2,280,190	HOLDING INC.	2,280,867	DIEBOLD, INCORPORATED	2,281,814
BRUTSAERT, PATRICK	2,280,935	CITIBANK, N.A.	2,280,775	DIEDERICH, ANN MARIE	2,279,951
BTG INTERNATIONAL LIMITED	2,280,903	CITTA, RICHARD W.	2,280,161	DIEFENBACH, BEATE	2,280,727
BTG KÄLLE INVENTING AB	2,280,804	CLAGUE, CYNTHIA	2,280,702	DIEING, REINHOLD	2,280,184
BUCHANAN, BRADLEY	2,280,748	CLARINGBOULD, ANTHONY		DIGGINS, DAVID ROBERT	2,280,014
BUCHHOLZ, VIKTOR	2,280,724	CRAIG	2,280,749	DILLON, PATRICK J.	2,280,287
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OLEFINVERBUND GMBH	2,280,086	CLOUTIER, MARK	2,280,878	DODY, JEAN-NOEL	2,280,937
BURGER, DOUGLAS E.	2,280,154	COBBEN, JOHANNES IGNATIUS		DOLLE, THOMAS	2,280,870
BURGHARDT, HARTMUT	2,281,774	MARIE	2,280,793	DOLORES, ALLAN	2,280,149
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MARTIN	2,280,766	COFFEY, KEVIN R.	2,280,148	DONALDSON, IAIN ALASDAIR	2,280,236
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BURNS, GARY T.	2,280,795	COHEN, THOMAS S.	2,280,173	DORRIAN, JOHN F.	2,280,044
BURNS, GARY T.	2,280,901	COHEN, THOMAS S.	2,280,174	DOW CORNING CORPORATION	2,280,795
BURNS, GARY T.	2,280,909	COLD SPRING HARBOR		DOW CORNING CORPORATION	2,280,901
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DYNEON LLC	2,280,256	EZISTAGE PTY LTD	2,280,920	GELLMAN, BARRY N.	2,280,757
E. I. DU PONT DE NEMOURS AND COMPANY	2,280,503	FACO S.A.	2,280,774	GELLMAN, BARRY N.	2,280,812
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HARRIS, ROBERT S.	2,280,160	HOUSKA, RONALD L.	2,280,536	JEFFREY, SCOTT R.	2,280,697
HARRISON, RALPH	2,280,836	HSU, STEVE L.C.	2,280,824	JEREBIC, SIMON	2,280,805
HART, CHARLES M.	2,280,047	HSU, STEVE L.C.	2,280,858	JEUMONT INDUSTRIE	2,280,935
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HARUNA CO., LTD.	2,280,818	HUANG, VICTOR T.	2,280,768	JING, NAIYONG	2,280,256
HASAN, SHIRIN W.	2,280,129	HUBNER, STEFAN	2,280,526	JOCHIM, GEORG	2,280,772
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HASKELL, BARIN GEOFFRY	2,280,882	HUMAN GENOME SCIENCES, INC.	2,280,229	JOHNSON, ROYCE W.	2,280,808
HAUGE, RAYMOND C.	2,280,161	HUMAN GENOME SCIENCES, INC.	2,280,287	JOHNSON, ROYCE W.	2,280,817
HAUSHEER, FREDERICK H.	2,280,905	HUNTSMAN ICI CHEMICALS LLC	2,280,807	JOHNSON, RUSSELL P.	2,280,916
HAVASI, MARC	2,280,937	HURRY, FARIBA	2,279,974	JONES, MALCOLM GLYN	2,280,189
HAWISHER, THOMAS	2,280,733	HUSBY, PER KRISTIAN	2,280,740	JONES, RONALD M.	2,280,902
HAYASHI, MASAHIRO	2,280,046	HUTCHISON, JAMES A., IV	2,280,703	JORGENSEN, KIRSTEN	2,280,236
HAYES, THOMAS K.	2,279,977	HUTTON, JEFFREY D.	2,280,840	JORSBOE, MORTEN	2,280,236
HAYOUN, ARI MAURICE	2,280,892	HYBRID NETWORKS, INC.	2,280,822	JUMP, JOSEPH M.	2,279,293
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HEADSTRONG DESIGN PTY LTD.	2,280,266	HYMAN, JONES M.	2,280,697	KÄFER, STEFAN	2,280,263
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HEGGIE, ALISTAIR SPENCE	2,280,509	IGNATYEV, NIKOLAI	2,280,938	KALYANASUNDARAM, RAMASWAMY	2,280,179
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HEINLOTH, MARKUS	2,280,121	IKEDA, TSUYOSHI	2,280,270	KAMENSKY, LOUIS A.	2,280,154
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HERKES, FRANK EDWARD	2,280,780	IMPERIAL CHEMICAL INDUSTRIES PLC	2,280,769	KANDASAMY, MANIVANNAN	2,280,898
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HEWETT, GARY E.	2,280,902	ING. ERICH PFEIFFER GMBH	2,280,263	KATIRGIS, JOHN A.	2,281,685
HEYSER, JEFFREY A.	2,280,257	INGENITO, ANDRÉ	2,280,534	KATO, JUNICHI	2,280,893
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HILLIGER, MATHIAS	2,280,086	ISHIHARA SANGYO KAISHA LTD.	2,280,744	KAYLOR, KEN	2,280,907
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HITZSCHKE, LOTHAR	2,280,805			KENT, GAGE A.	2,280,846
HNAKLAI, RONI	2,280,752			KERR, DUNCAN	2,280,754



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KESSLER, JOCHEN	2,281,774	LABOPHARM INC.	2,280,534	MA, XIWEN	2,280,500
KESSLER, ROBERT	2,280,907	LAKE, ANDREW MICHAEL	2,280,018	MACAULAY, CALUM E.	2,280,880
KICK, ELLEN K.	2,280,096	LAMANNA, WILLIAM M.	2,280,786	MACCI, FRANCO	2,280,717
KICKLIGHTER, KEVIN C.	2,280,147	LAMB, KARL J.	2,280,684	MACKINNON, NICHOLAS B.	2,280,880
KIELY, JOHN S.	2,279,977	LAMBERT, DIDIER	2,280,895	MACLEAN, ROGER	2,280,163
KILBURN, L. ROBERT	2,280,265	LAMBERT, JAMES L.	2,280,832	MADAUS, STEFAN	2,280,756
KIMBERLY-CLARK		LAMON, ALAIN H.	2,280,591	MAEDA, KIMIYA	2,280,708
WORLDWIDE, INC.	2,280,018	LANAN, KEITH	2,280,899	MAGGI, CARLO ALBERTO	2,280,228
KIMBERLY-CLARK		LANCE-GOMEZ, EDWARD T.	2,280,035	MAGNA FORCE, INC.	2,280,684
WORLDWIDE, INC.	2,280,726	LANE, DAVID REDICK	2,280,235	MÄKINEN, ELINA	2,280,507
KIMURA, TEIJI	2,280,753	LARSEN, JAMES DAVID	2,280,906	MALETSKY, KERRY D.	2,280,045
KINETIC CONCEPTS, INC.	2,280,808	LARSEN, MARK SIEVERT	2,280,906	MALONE, MARK EMMETT	2,280,189
KINETIC CONCEPTS, INC.	2,280,817	LASHMORE, DAVID S.	2,280,796	MANDRAND, BERNARD	2,280,187
KIRIN BEER KABUSHIKI		LATCHINIAN, JACK	2,280,915	MANDZSU, JOZSEF JR.	2,280,091
KAISHA	2,280,130	LAYTON BIOSCIENCE, INC.	2,280,820	MANDZSU, JOZSEF SR.	2,280,091
KITAZAWA, NORITAKA	2,280,753	LEARY, JAMES J.	2,280,117	MANDZSU, ZOLTAN	2,280,091
KITZMILLER, MICHAEL C.	2,280,797	LEE, ANDREW WILLIAM	2,280,265	MANIWA, SYUJI	2,280,712
KIVEKÄS, OLLI	2,280,507	LEE, CHRISTINA E.	2,280,096	MANNESMANN	
KLAR, ULRICH	2,280,041	LEE, YUE-WEI	2,279,293	AKTIENGESELLSCHAFT	2,280,168
KLOOG, YOEL	2,280,752	LEINER, HELMUT	2,280,872	MANNESMANN	
KLOUBEK, HELENA	2,280,014	LEINHOS, DUANE	2,280,784	AKTIENGESELLSCHAFT	2,280,723
KNEE, MICHAEL JAMES	2,280,819	LEIPELT, RUDOLF	2,280,917	MAP MEDIZINTECHNIK FÜR	
KOBAYASHI, FUJIO	2,281,910	LEISNER, HANS-JURGEN	2,280,501	ARZT UND PATIENT	
KODAS, TOIVO T.	2,280,865	LEISSNER, MIKE	2,280,086	GMBH	2,280,756
KOHN, UWE	2,280,760	LEMPERT, TODD E.	2,280,914	MARANTZ, DANIEL	2,280,019
KOIKE, JUNZO	2,281,937	LENSTRA, ARJEN K.	2,280,775	MARESCH, MARTIN J.	2,280,697
KOISHIHARA, YASUO	2,280,875	LENTZ, CHARLES W.	2,280,795	MARKHAM, ALEXANDER	
KOLB, ROBERT E.	2,280,256	LEONARDO, E. DAVID	2,280,290	FRED	2,280,690
KOMATSU, MAKOTO	2,280,753	LEUNG, LAWRENCE	2,280,132	MARTENS, ANDRÉ	2,280,895
KOMIZO, YU-ICHI	2,280,923	LEWIS, LYMAN, F.	2,280,879	MARTIN, BRIAN B.	2,280,914
KOMORIYA, AKIRA	2,280,811	LEWIS, WILLIAM E.	2,280,724	MARTIN, WILLIAM	2,280,814
KONINKLIJKE PHILIPS		LI, JIA-HE	2,280,742	MARUYAMA, KAZUTOSHI	2,280,130
ELECTRONICS N.V.	2,280,842	LI, WEIL-ZHONG	2,280,845	MÄRZ, JOACHIM	2,280,727
KONRADI, VADIM A.	2,280,165	LI, YI	2,280,287	MASU, MASAYUKI	2,280,290
KONSCHAK, TINO	2,280,870	LIAN, MING-REN	2,280,143	MASUI, KENJI	2,279,402
KOO, JAYOUNG	2,280,923	LIAN, MING-REN	2,280,148	MASUKO, JIRO	2,280,622
KORTH, CARSTEN	2,280,791	LIFE TECHNOLOGIES, INC.	2,280,741	MATERIALS INNOVATION,	
KOSBAB, JOHN V.	2,280,093	LIFETIME PRODUCTS, INC.	2,280,816	INC.	2,280,796
KOSER, STEFAN	2,280,833	LINDQVIST, CHISTER	2,280,759	MATSUI, HIROSHI	2,280,273
KOSZALKA, GEORGE WALTER	2,280,761	LINDSAY, JEFFREY DEAN	2,280,018	MATSUMURA, PAUL M.	2,280,697
KOWA CO., LTD.	2,280,046	LINGHAM, RUSSELL B.	2,280,518	MATSUNAGA, MANABU	2,280,753
KOWALSKY, KEITH	2,280,019	LINNIK, MATTHEW D.	2,280,211	MATTEL, INC.	2,280,720
KOYANAGI, TORU	2,280,270	LITTIG, JANET SUE	2,280,039	MATTISSON, SVEN ERIK	2,280,128
KRAFT, GERHARD	2,280,778	LITWIN, ANDREJ	2,280,128	MAXWELL, IAN	2,280,265
KRAKOWSKY, JOAN M.	2,280,211	LIU, GUANGCHENG	2,280,096	MAXWELL, ROBERT LEE	2,281,818
KRAMER, HANS	2,280,801	LIU, LI	2,279,951	McCAIG, STEVEN V.	2,280,257
KRAUSE-WERK GMBH & CO.		LIU, MARGARET A.	2,280,195	MCDEVITT, RAYMOND ERVIN	
KG	2,280,921	LIU, NEN-CHIN	2,280,148	III	2,280,196
KRIEK, HANS RUDOLF	2,280,119	LIVERMORE, FREDERICK		McDONOUGH, JAMES M.	2,280,919
KRIPPL, KURT	2,280,863	CALDWELL	2,280,862	McGEE, DENNIS EMMETT	2,280,050
KRIPPL, KURT	2,280,864	LIVINGSTONE, DOUGLAS		MCINTYRE, DANIEL S.	2,281,814
KRISTINAT, DETLEF	2,280,168	ALAN	2,280,730	MCKESSON AUTOMATED	
KROGUE, JOHN A.	2,280,083	LIZARDI, JOSE	2,280,486	PRESCRIPTION SYSTEMS,	
KRUPEZEVIC, DRAGAN	2,280,870	LOHMANN GMBH & CO. KG	2,280,772	INC.	2,280,149
KRYCAK, ROMAN	2,280,724	LONG, DEAN R. E.	2,280,698	McNAMARA, DAVID M.	2,280,174
KUBOTA, ATSUHIKO	2,280,753	L'OREAL	2,280,185	McNEIL-PPC INC.	2,280,784
KUFFNER, STEPHEN LEIGH	2,280,800	LORIN, CHRISTOPHE	2,281,772	McPHERSON, ROGER E.	2,280,846
KUKINO, SATORU	2,281,546	LUBKOWITZ, MARK A.	2,280,932	MCVICKER, GARY B.	2,280,724
KUNG, RUTH BEATRICE	2,280,809	LUCAS, BRIAN RONALD	2,280,025	MEADOWS, JAMES C.	2,280,847
KUNTZ, ERWIN D.	2,280,096	LUCAS, BRIAN RONALD	2,280,034	MEDECO SECURITY LOCKS,	
KUNZEL, UWE	2,280,863	LUDWIG, JEROME H.	2,280,828	INC.	2,280,754
KUNZEL, UWE	2,280,864	LUIGI STOPPANI S.P.A.	2,280,127	MEDIAONE GROUP, INC.	2,280,918
KUREHA KAGAKU KOGYO		LUPKE, MANFRED A.A.	2,280,092	MEDTRONIC, INC.	2,280,702
KABUSHIKI KAISHA	2,280,622	LUPKE, STEFAN A.	2,280,092	MEDTRONIC, INC.	2,280,706
KUSIAK, JOHN	2,280,692	LUTHER, ED	2,280,154	MEGADYNE MEDICAL	
KUSTER, KASPAR	2,280,778	LUTON, MICHAEL J.	2,280,923	PRODUCTS, INC.	2,280,696
KVERNELAND KLEPP AS	2,280,691	LUYKEN, HERMANN	2,280,830	MELMAN, ARNOLD	2,280,770
KYDD, PAUL H.	2,280,115	LUYKEN, HERMANN	2,280,887	MENARD, ROBERT	2,280,163
KYOTO PHARMACEUTICAL		LUYKEN, HERMANN	2,280,889	MENARINI RICERCHES S.P.A.	2,280,228
INDUSTRIES, LTD.	2,280,273	LXR BIOTECHNOLOGY INC.	2,280,866	MENCKE, MARKUS	2,280,621



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MENTION, JACKY ANDRE		MORITA, MASAYUKI	2,280,270	OHLENBUSCH, CORD W.	2,280,505
GUSTAVE	2,280,857	MORRIS, CHRISTOPHER	2,280,874	OHTAKE, HISAO	2,280,893
MERCK & CO., INC.	2,280,195	MOSELSKY, WILLIAM	2,280,036	OKABE, TADASHI	2,280,753
MERCK & CO., INC.	2,280,206	MOSER MARKUS	2,280,791	OKAGUCHI, SHUJI	2,280,923
MERCK & CO., INC.	2,280,518	MOSIER, DONALD E.	2,280,806	OKAMOTO, HIROSHI	2,280,708
MERCK & CO., INC.	2,280,839	MOTOROLA, INC.	2,280,800	OKAZAKI, SEIJI	2,281,937
MERCK PATENT		MTU MOTOREN- UND		OLIVER, RICHARD	2,280,749
GESELLSCHAFT MIT		TURBINEN-UNION		OLOFSSON, GORAN	2,280,188
BESCHRÄNKTER		MUNCHEN GMBH	2,280,755	OLSSON, BERTIL	2,280,804
HAFTUNG	2,280,233	MUHLBAUER, BERND	2,281,795	ONCOIMMUNIN, INC.	2,280,811
MERCK PATENT		MUHLEBACH, ANDREAS	2,280,268	ORANGE PERSONAL	
GESELLSCHAFT MIT		MULLER, SUSANNE	2,280,190	COMMUNICATIONS	
BESCHRÄNKTER		MUMPER, RUSS	2,280,190	SERVICES LIMITED	2,280,150
HAFTUNG	2,280,727	MUNCH, ROBERT	2,280,057	OSSWALD, HARTMUT	2,281,795
MERCK PATENT		MUNGER, WILLIAM	2,280,190	OSTENDORFF, ERIC CHARLES	2,280,720
GESELLSCHAFT MIT		MURALI, DHANABALAN	2,280,905	OSTERTAG, THOMAS	2,280,142
BESCHRÄNKTER		MURDIN, ANDREW D.	2,280,037	O'SULLIVAN, GERALD	
HAFTUNG	2,280,938	MWO GESELLSCHAFT ZUR		CHRISTOPHER	2,280,704
MERCK PATENT		HERSTELLUNG VON		O'SULLIVAN, MARIAN MARY	
GESELLSCHAFT MIT		CHEMISCH-TECHNISCHEN		GERALDINE	2,280,704
BESCHRÄNKTER		PRODUKTEN MBH	2,280,621	OTTO, BERNHARD	2,280,592
HAFTUNG	2,281,918	MYRON, DOUGLAS D.	2,280,165	OWEN, DAVID ALAN	2,280,134
MEREDITH, DAVID MARK	2,280,690	MYTECH CORPORATION	2,280,165	OWENS, DAVID CARADOC	2,280,521
MERELLO, GIOVANNI	2,280,127	NAEMURA, KENJI	2,280,898	PACK	
METZNER, KLAUS	2,280,086	NAGLER, ARNON	2,280,850	INFORMATIONSTECHNOL	
MIAO, HUA-QUAN	2,280,850	NAINI, AHMAD	2,280,824	OGIE GMBH	2,280,057
MICHAUX, RAYMOND	2,280,935	NAINI, AHMAD	2,280,858	PACKARD, BEVERLY S.	2,280,811
MILLER, PAUL CHARLES		NAINI, AHMAD	2,280,876	PACKWOOD, ROBERT E., JR.	2,279,976
HARVEY	2,280,903	NAKAI, TETSUO	2,281,546	PAGNOL, Frédéric	2,280,186
MILLER, TIMOTHY A.	2,280,702	NAKAMURA, YOSUKE	2,280,893	PAHLCK, HAROLD E.	2,280,815
MILLTRONICS LTD.	2,280,763	NAKAMURA, YUJI	2,280,270	PAICE, MARK EDWARD	
MINE SAFETY APPLIANCES		NASSAR, MARCOS A.	2,280,272	RUSSELL	2,280,903
COMPANY	2,280,851	NAUGHTON, DECLAN	2,280,874	PANDA, FERN A.	2,280,768
MINERALS TECHNOLOGIES,		NAYLOR, MATTHEW	2,280,874	PANTOCHIM S.A.	2,280,881
INC.	2,280,043	NEEF, GUNTER	2,280,041	PANTOCHIM S.A.	2,280,883
MINK, ROBERT IVAN	2,280,740	NEIDLEMAN, SAUL L.	2,280,178	PANTOCHIM S.A.	2,280,888
MINN, KLEMENS	2,280,264	NESVADBA, PETER	2,280,867	PANTON, STANLEY	2,280,763
MINNESOTA MINING AND		NEUNER, THOMAS	2,281,774	PAPATHANASSIU, ADONIA E.	2,280,274
MANUFACTURING		NEWKIRK, JACK C.	2,280,257	PARASPINAL DIAGNOSTIC	
COMPANY	2,280,085	NEXT LEVEL		CORPORATION	2,281,731
MINNESOTA MINING AND		COMMUNICATIONS	2,280,922	PARK, KYONG M.	2,280,272
MANUFACTURING		NIE, HONG	2,280,048	PARKER MEDICAL LIMITED	
COMPANY	2,280,591	NIPPON SHINYAKU CO., LTD.	2,280,776	PARTNERSHIP	2,280,743
MINNESOTA MINING AND		NISHIDE, TSUTOMU	2,279,402	PARKER, JEFFREY D.	2,280,743
MANUFACTURING		NISSAN CHEMICAL		PARSONS, RAMON E.	2,280,097
COMPANY	2,280,786	INDUSTRIES, LTD.	2,281,922	PARTNERSHIPS LIMITED, INC.	2,280,115
MINNESOTA MINING AND		NOMURA, HIDEAKI	2,280,130	PARVIN, JACKIE D.	2,280,886
MANUFACTURING		NORDER, STIG	2,280,804	PATEL, JAYANTILAL	2,280,032
COMPANY	2,280,848	NORDGRAN, RICHARD C.	2,280,816	PATENT-TREUHAND-	
MINTON, MARY L.	2,279,976	NORTHERN TELECOM		GESELLSCHAFT FUR	
MIRAJKAR, YELLOJI RAO K.	2,280,184	LIMITED	2,280,862	ELEKTRISCHE	
MIRASHRAFI, MOJTABA	2,281,479	NORTON, IAN TIMOTHY	2,280,189	GLUEHLAMPEN MBH	2,280,805
MISEO, SABATO	2,280,724	NOVARTICULATE B.V.	2,280,119	PATTERSON, GREG R.	2,280,117
mitsubishi heavy		NOVARTIS AG	2,280,089	PAZ, ARIELLA	2,280,752
INDUSTRIES, LTD.	2,280,712	NOVARTIS AG	2,280,809	PEACOCK, REGINA FLINN	2,280,089
MITSUWA TIGER CO., LTD.	2,280,693	NOVASSO OY	2,280,507	PELAEZ, FERNANDO	2,280,518
MOBIL OIL CORPORATION	2,280,050	NOWLIN, THOMAS EDWARD	2,280,740	PELLETT, ANDY	2,280,808
MOBIL OIL CORPORATION	2,280,740	NUNINGER, COSIMA	2,280,809	PELLETT, ANDY	2,280,817
MOBILTRADING & FINANCING		NUSSEN, PETER	2,280,084	PENDERGAST, WILLIAM	2,279,963
ANSTALT	2,280,783	NYCOMED IMAGING AS	2,280,235	PENDERGAST, WILLIAM	2,280,183
MOCK, JACK J.	2,280,794	NYHOLM, SUNE	2,280,188	PENDSE, AJIT B.	2,281,479
MOEHS, CHARLES P.	2,280,027	O'BRIEN, RICHARD J.	2,280,706	PERLET, KARIN	2,280,086
MOLONEY, SIMON	2,280,500	O'CONNOR, THOMAS	2,280,784	PERON, ALBERTO	2,280,616
MONNIER, JEAN MICHEL	2,280,919	OESCH, BRUNO	2,280,791	PERRIN, AGNES	2,280,187
MONSANTO COMPANY	2,280,847	OGATA, YASUNOBU	2,281,546	PERRY EQUIPMENT	
MONTANA, JOHN GARY	2,280,134	OGAWA, MUNEKAZU	2,280,270	CORPORATION	2,280,083
MOR, EBRAHIM	2,280,028	OGURA, YOSHIFUMI	2,280,744	PERRY, HELEN C.	2,280,195
MORIN, ARMAND A.	2,280,757	O'HANDLEY, ROBERT C.	2,280,143	PERRY, MARNEY DUNMAN JR.	2,280,083
		O'HANDLEY, ROBERT C.	2,280,148	PESTMAN, ROBERT	2,280,780

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PETERS, KARL	2,280,169	REITER, ROBERT STEFAN	2,280,933	SCHOLL, GERD	2,280,142
PETERSEN, CLIFFORD W.	2,280,923	REITER, ROBERT STEFAN	2,280,934	SCHOLZ, KARL-HEINZ	2,280,169
PETIT, JOCELYN I.	2,280,191	RESEARCH TRIANGLE		SCHOMIG, EDGAR	2,281,795
PETLURU, PAVANKUMAR N. V.	2,280,905	INSTITUTE	2,279,293	SCHULTE, KLAUS	2,280,863
PHANOS TECHNOLOGIES, INC.	2,280,133	RESTELLI, SERGIO	2,280,716	SCHULTE, KLAUS	2,280,864
PHARMACIA & UPJOHN		RIBOULET, GEORGES	2,280,872	SCHULTE, PETER	2,280,501
COMPANY	2,280,718	RICHARD, DAVID L.	2,280,115	SCHULTZ, DAVID A.	2,280,794
PHARMACIA & UPJOHN		RICHARDSON, DONALD G.	2,280,095	SCHULTZ, SHELDON	2,280,794
COMPANY	2,280,855	RICOR RACING AND		SCHULTZE, DIRK	2,280,790
PHARMACIA & UPJOHN S.P.A.	2,280,100	DEVELOPMENT, L.P.	2,280,095	SCHWEDE, WOLFGANG	2,280,041
PHARMOS CORPORATION	2,280,181	RIDEOUT, JANET L.	2,279,963	SEETHARAMULU, P.	2,280,905
PHILSAR ELECTRONICS INC.	2,280,878	RIDEOUT, JANET L.	2,280,183	SEIBERG, MIRI	2,280,747
PHYSICAL OPTICS		RIEDIGER, WOLFGANG	2,280,772	SEIKMANN GMBH	2,280,192
CORPORATION	2,280,915	RIEGO, DOMINGO	2,280,847	SELBY, THOMAS P.	2,280,515
PIERCY, VALERIE	2,280,871	RIGHI, NARDINO	2,280,716	SEMLER, CHARLES	2,280,733
PIETERSE, HERMAN	2,280,733	RIJPERS, JOHANNES C. N.	2,280,842	SENSORMATIC ELECTRONICS	
PIETRAS, BERND-GEORG	2,280,025	RIPPMANN, FRIEDRICH	2,280,727	CORPORATION	2,280,143
PINES, MARK	2,280,850	ROBINSON, MARK LOUIS	2,280,018	SENSORMATIC ELECTRONICS	
PINTAURO, WILLIAM	2,280,757	ROCKHOLD, DAVID R.	2,280,027	CORPORATION	2,280,148
PINTAURO, WILLIAM	2,280,812	RODGERS, DONALD B.	2,280,728	SENSORMATIC ELECTRONICS	
PIRKL, KEITH A.	2,281,479	RODRIGUEZ, RAYMOND L.	2,280,894	CORPORATION	2,280,843
PLANT BIOSCIENCE LIMITED	2,280,207	ROE, DIANA C.	2,280,096	SEPRACOR, INC.	2,280,140
PLASTIPAK PACKAGING, INC.	2,280,797	ROHM CO., LTD.	2,280,852	SEREX, PATRICK	2,280,054
POISSANT, JOSEPH E.	2,280,702	ROKENBOK TOY COMPANY	2,280,803	SEXTON, FRANKLIN E.	2,280,847
POPP, CAROLYN	2,280,885	ROSEN, CRAIG A.	2,280,229	SEYFRIED, CHRISTOPH	2,281,918
POPP, JAMES L.	2,280,885	ROSENBAUM, LARRY	2,280,748	SHAFIEE, ALI	2,280,518
POSUSNY, GUSTAV	2,280,169	ROSENGER, CHRISTOPHER	2,280,264	SHAMBROOM, W. DAVID	2,280,869
POTEPALOU, GALINA	2,280,149	ROTH, MARTIN	2,280,086	SHANNON, J. CHRISTOPHER	2,280,044
POTLATCH CORPORATION	2,279,976	ROTHSCHILD, OMRI	2,280,514	SHAPIRO, STANLEY S.	2,280,747
POULSEN, PETER	2,280,210	ROUBIN, GARY S.	2,280,131	SHARPLES, MARTIN	2,280,877
POULSEN, PETER	2,280,230	RUBIN, PAUL D.	2,280,140	SHAW, CHRISTOPHER K.	2,280,813
POWELL, KEN R.	2,280,175	RUEGER, DAVID C.	2,280,931	SHELL CANADA LIMITED	2,280,911
POWELL, QUINT H.	2,280,865	RUEGGE, ANTON	2,280,778	SHELL INTERNATIONALE	
PPG INDUSTRIES OHIO, INC.	2,280,084	RUHRGAS		RESEARCH	
PPG INDUSTRIES OHIO, INC.	2,280,849	AKTIENGESELLSCHAFT	2,280,169	MAATSCHAPPIJ B.V.	2,279,973
PRAKASH, INDRA	2,280,176	RUNE, JOHAN	2,280,750	SHELL INTERNATIONALE	
PROLIFIX MEDICAL, INC.	2,280,117	RUSS, HERMANN	2,281,795	RESEARCH	
PROTEGENE LABORATORIES,		RUSSELL, MARK	2,280,500	MAATSCHAPPIJ B.V.	2,280,799
INC.	2,280,484	RYAN, DAVID JAMES	2,281,818	SHENKIRYK, MYRON	2,280,828
PRUCHER, HELMUT	2,281,918	S. C. JOHNSON & SON, INC.	2,280,035	SHERWOOD SERVICES AG	2,280,692
PUGH, DENNIS R.	2,281,731	SADLO, JAMES L.	2,280,848	SHIBUYA, TAKESHI	2,280,179
PULSE ENGINEERING, INC.	2,280,735	SAFIEH, ERIC	2,280,856	SHINDO, MASUO	2,281,922
PURI, ATUL	2,280,038	SAKO, AKIRA	2,280,712	SHINKAI, HISASHI	2,280,708
PURI, ATUL	2,280,882	SALAFSKY, BERNARD	2,280,179	SHIRAIISHI, JUNICHI	2,281,546
PURSLEY, MATT D.	2,280,729	SALBU RESEARCH AND		SHIRLEY, DAVID A.	2,280,095
QUALCOMM INCORPORATED	2,280,703	DEVELOPMENT		SHIVER, JOHN W., JR.	2,280,195
RABONE, KENNETH LESLIE	2,280,877	(PROPRIETARY) LIMITED	2,280,906	SHOWA DENKO K.K.	2,280,098
RACKE, MARGARET M.	2,280,211	SANDSTEDT, JONAS	2,280,762	SIDDIQI, SUHAIB M.	2,279,963
RACKLEY, RAYMOND	2,280,814	SANDSTROM, PAUL A.	2,280,275	SIEGLE, GARY S.	2,280,257
RADDATZ, PETER	2,280,727	SANROMA BORDALLO, JOSE		SIEKMANN, MANFRED	2,280,192
RADIANT MEDICAL, INC.	2,280,781	LUIS	2,280,857	SIEMENS	
RAINISH, DORON	2,280,767	SAPPORO BREWERIES		AKTIENGESELLSCHAFT	2,280,142
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RAKO, SUSAN	2,280,033	SARTORI, PETER	2,280,938	AKTIENGESELLSCHAFT	2,280,725
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RAMSDEN, STEVEN L.	2,280,846	SATCHELL, JULIAN SIMON	2,280,912	AKTIENGESELLSCHAFT	2,281,774
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REHFINGER, ALWIN	2,280,830	SCHMIDT, ROBERT LEWIS	2,280,882	SKILLMAN, A. GEOFFREY	2,280,096
REHFINGER, ALWIN	2,280,887	SCHNEIDER, JURGEN KLAUS		SKJAEVELAND, MAGNE	2,280,691
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SMITH & NEPHEW, INC.	2,280,589	COMPANY, LIMITED	2,280,711	FELLOWS OF HARVARD	
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SMITHKLINE BEECHAM		SUMITOMO METAL		COMPANY	2,280,040
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