(54) Title: METHOD AND SYSTEM TO FACILITATE BUILDING AND USING A SEARCH DATABASE

(57) Abstract: A method and system to build a search database (Fig. 4, 23). The system analyzes a data item to be stored in the search database by using a characteristic rule (Fig. 4, 34). The system characterizes the data item based on the analysis (Fig. 4, 25). The system subsequently receives a search request against the search database (Fig. 4, 39), and generates a search result that is automatically filtered based on the characterization of the data item.

Published:
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
16 December 2004

For two-letter codes and other abbreviations, refer to the “Guidance Notes on Codes and Abbreviations” appearing at the beginning of each regular issue of the PCT Gazette.
# INTERNATIONAL SEARCH REPORT

**INTERNATIONAL SEARCH REPORT**

**A. CLASSIFICATION OF SUBJECT MATTER**

<table>
<thead>
<tr>
<th>IPC(7)</th>
<th>US CL</th>
</tr>
</thead>
<tbody>
<tr>
<td>G06F 17/00</td>
<td>707/3</td>
</tr>
</tbody>
</table>

According to International Patent Classification (IPC) or to both national classification and IPC.

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 707/3

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched.

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used).

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
</table>

**Date of actual completion of the international search:**

18 August 2004 (18.08.2004)

**Date of mailing of the international search report:**

27 OCT 2004

Name and mailing address of the ISA/US:

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703)305-3230

Authorized officer

[Signature]

Safet Metwali

Telephone No. 703-305-3900

Form PCT/ISA/210 (second sheet) (July 1998)
A method and system to build a search database (Fig. 4, 23). The system analyzes a data item to be stored in the search database by using a characteristic rule (Fig. 4, 34). The system characterizes the data item based on the analysis (Fig. 4, 25). The system subsequently receives a search request against the search database (Fig. 4, 39), and generates a search results that is automatically filtered based on the characterization of the data item.