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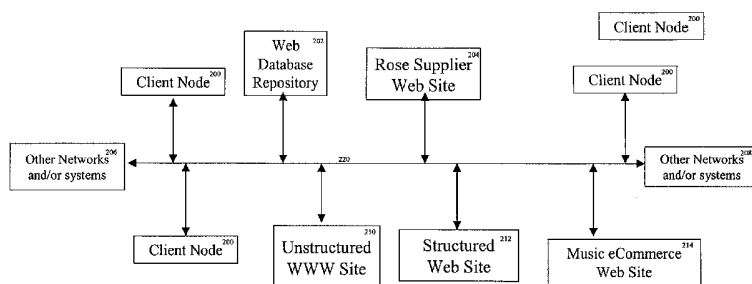
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25 September 2003

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.

(54) Title: METHOD AND SYSTEM FOR EXTRACTING, ANALYZING, STORING, COMPARING AND REPORTING ON DATA STORED IN WEB AND/OR OTHER NETWORK REPOSITORIES AND APPARATUS TO DETECT, PREVENT AND OBFUSCATE INFORMATION REMOVAL FROM INFORMATION SERVERS



Shows a typical example embodiment where the invention is installed into a plurality of Client Nodes extracting data from a plurality of data repositories.

(57) Abstract: A system, method and apparatus providing for the search, identification, retrieval and analysis of data contained in World Wide Web (WWW) and network pages and storage repositories. Mechanisms are provided to facilitate selection of such data as is required by a user, to report in a manner required by the user and to present the results in a plurality of ways. Also disclosed is a system, method to protect information retrieval from Information Servers such as those found on the world wide web (WWW). A method is described to analyze accesses to the information server for patterns indicating the type of system accessing the server. A method is described to format information such that it cannot be easily machine analyzed by such apparatus as lexical analysis and textual search methods. A method is described to include information into information server contents such that it would mislead and otherwise confuse non-human systems used to retrieve the data. Other methods describe access signature analysis and how this can be used to detect and optionally prevent or modify information requests.

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 01/05895

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F17/30

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)

IPC 7 G06F

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 practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 05618 A (MICROSOFT CORP) 4 February 1999 (1999-02-04) page 10, line 30 -page 13, line 8 page 16, line 7 -page 18, line 18 ---	1
X	DAS B ET AL: "Experiments in using agent-based retrieval from distributed and heterogeneous databases" PROCEEDINGS. IEEE KNOWLEDGE AND DATA ENGINEERING EXCHANGE WORKSHOP, XX, XX, pages 27-35, XP002144267 page 27 -page 28 page 30, column 2 page 32 ---	1
X	US 5 680 511 A (YAMRON JONATHAN P ET AL) 21 October 1997 (1997-10-21) column 4, line 64 -column 8, line 24 --- -/--	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

18 February 2003

Date of mailing of the international search report

10. 07 2003

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INTERNATIONAL SEARCH REPORT

International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 873 056 A (LIDDY ELIZABETH D ET AL) 16 February 1999 (1999-02-16) column 1, line 6 -column 4, line 33 ---	1-13
A	EP 0 938 053 A (HEWLETT PACKARD CO) 25 August 1999 (1999-08-25) abstract column 2, line 13 -column 2, line 64 ---	1
A	US 5 701 469 A (BRANDLI STEPHEN A ET AL) 23 December 1997 (1997-12-23) abstract -----	1

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 01/05895

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-13

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-13

Method of retrieving data based on a query in accordance with a context

2. Claims: 14-25

Method for emulating/identifying the access of a type of mechanism to a data repository.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 01/05895

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