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12/721,704 11 March 2010 (11.03.2010) US(71) Applicant (for all designated States except US): **MICROSOFT CORPORATION** [US/US]; One Microsoft Way, Redmond, WA 98052-6399 (US).(72) Inventors: **WANG, Luming**; c/o Microsoft Corporation, LCA - International Patents, One Microsoft Way, Redmond, WA 98052-6399 (US). **YANG, Xiaohong**; c/o Microsoft Corporation, LCA - International Patents, One Microsoft Way, Redmond, WA 98052-6399 (US).**AMIROV, Anton**; c/o Microsoft Corporation, LCA - International Patents, One Microsoft Way, Redmond, WA 98052-6399 (US). **HUSSAIN, Malik**; c/o Microsoft Corporation, LCA - International Patents, One Microsoft Way, Redmond, WA 98052-6399 (US).

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[Continued on next page]

(54) Title: USER ROLE BASED CUSTOMIZABLE SEMANTIC SEARCH

(57) Abstract: User role based customizable searches, where crawled documents may be evaluated against user roles or attributes during crawl time, are provided. Metadata retrieved from searched documents may also be evaluated against the user roles and/or attributes such that customized search results ranking documents based on their content beyond textual content may be provided.

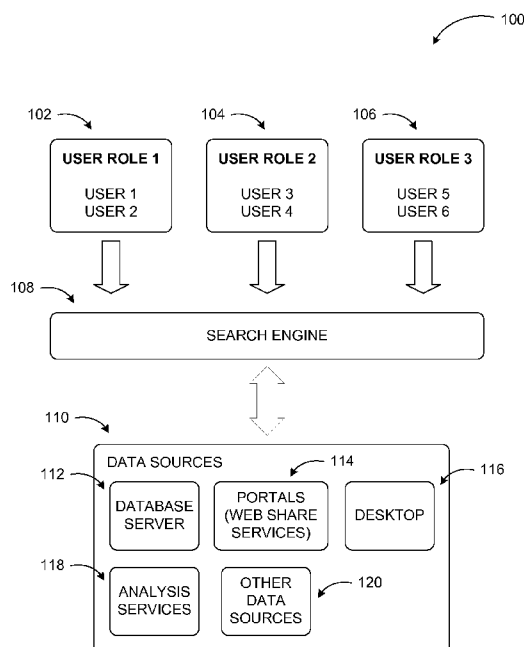


FIG. 1



EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU,
LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK,
SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

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- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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A. CLASSIFICATION OF SUBJECT MATTER**G06F 17/30(2006.01)i**

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 : G06F

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: crawl*, index, rank, user role, metadata, search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2008-0104042 A1 (ZACHARY GUTT et al.) 01 May 2008 See abstract; paragraphs [0017] - [0021]; figure 1	1-15
A	KR 10-2009-0060131 A (ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE) 11 June 2009 See abstract; paragraphs [0014] - [0020]; claim 1	1-15
A	JP 2000-348049 A (FUJITSU LTD.) 15 December 2000 See abstract; paragraphs [0014]-[0022]; claim 1	1-15
A	US 2005-0131762 A1 (KRISHNA BHARAT et al.) 16 June 2005 See abstract; paragraphs [0037] - [0043]; figure 1	1-15



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

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"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

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"&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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