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(71) Applicant (for all designated States except US): **GM GLOBAL TECHNOLOGY OPERATIONS, INC.** [US/US]; 300 Renaissance Center, P.O. Box 300, Detroit, MI 48265-3000 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **CHAKRABARTY, Sugato** [US/IN]; No. 301 Jos Manor, 129 Charles Campbell Rd, Bangalore, Karnataka 560005 (IN).

(74) Agent: **MILLER, John, A.**; Miller IP Group, PLC, 42690 Woodward Ave., Suite 200, Bloomfield Hills, MI 48304 (US).

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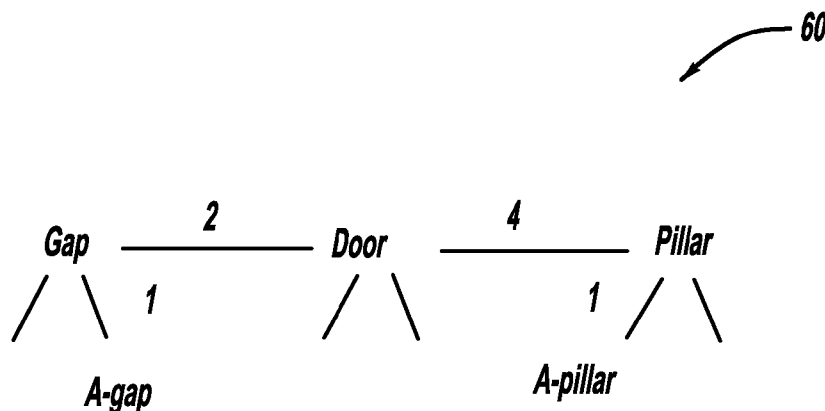
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(54) Title: USING ONTOLOGY TO ORDER RECORDS BY RELEVANCE



**FIG - 3**

(57) Abstract: A method for retrieving records in an order of relevance based on a pre-defined domain ontology. The relevance of each result of the search conducted is decided on the basis of the pre-defined domain ontology. The method includes obtaining a search query as an input from the user containing one or more than one phrases. Then, the set of results from the given set of records is retrieved based on the input search query. The method further includes calculating and assigning a closeness parameter corresponding to each result of the set of results based on the domain ontology. Finally, the set of results is displayed in an order of relevance by sorting in an ascending order the closeness parameter of each of the record present in the set of results.

**A. CLASSIFICATION OF SUBJECT MATTER****G06F 17/30(2006.01)i, G06F 9/44(2006.01)i, G06F 7/76(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)

G06F 17/30; G06F 15/16; H04J 3/22; H04B 7/02

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) &amp; Keywords: search, domain ontology, relevance

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2008-0091633 A1 (RAPAPORT, A. T. et al.) 17 April 2008 See the abstract, figs.1 and 3, paras.[0041]-[0042] and [0051]-[0058], claims 1,2,5-8 and 16.	1-2,9-11,18-20
A	WO 2007-113546 A1 ( DAVIES, N. J. et al.) 11 October 2007 See the abstract, figs.7-10, p.5 lines 24-31, claims 1-2.	1-20
A	WO 2006-071928 A2 ( CHOWDHURY, A. R. et al.) 06 July 2006 See the abstract, figs.4-5, p.3 lines 8-25, claims 9-10	1-20
A	US 2006-0047632 A1 (GUOMING ZHANG) 02 March 2006 See the abstract, paras.[0069] and [0071], fig.1.	1-20



Further documents are listed in the continuation of Box C.



See patent family annex.

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Korean Intellectual Property Office  
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Information on patent family members

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