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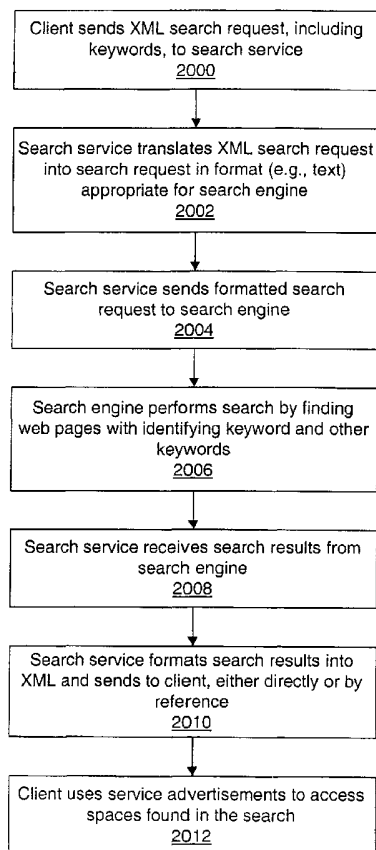
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[Continued on next page]

(54) Title: MECHANISM AND APPARATUS FOR WEB-BASED SEARCHING OF URI-ADDRESSABLE REPOSITORIES IN A DISTRIBUTED COMPUTING ENVIRONMENT



(57) Abstract: A system and method for searching for Internet-based repositories within a distributed computing environment are provided. A client on a device may interact with a search service on the same or a different device to find spaces (i.e., network-accessible XML object repositories) for storage and/or retrieval of data. The client may send an XML search request to the search service. The search request may include one or more desired characteristics, such as keywords, which are sought of a space. Based upon the search request, the search service may generate search results including locations (e.g., URIs) of one or more resulting spaces. The spaces may include web pages. In generating the search results, the search service may interact with a network-accessible third-party search engine, such as a browser-accessible search engine. The search service may obtain a service advertisement for each of the resulting spaces. Each service advertisement includes information which is usable to access the respective space. The search service may send the search results, including the advertisements and/or URIs, to the client to enable the client to access the resulting spaces at their respective locations. The search service may store the search results in a results space and send the address of the results space to the client.

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## INTERNATIONAL SEARCH REPORT

International Application No

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A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 G06F9/46 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)

INSPEC, EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>GUTTMAN E: "Service Location Protocol: Automatic Discovery of IP Network Services"</p> <p>IEEE INTERNET COMPUTING, IEEE SERVICE CENTER, PISCATAWAY, NJ, US, vol. 3, no. 4, 1 July 1999 (1999-07-01), pages 71-80, XP002140936</p> <p>ISSN: 1089-7801</p> <p>the whole document</p> <p style="text-align: center;">---</p> <p style="text-align: center;">-/--</p>	1-30

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

☐ Patent family members are listed in annex.

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## INTERNATIONAL SEARCH REPORT

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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.
Y	<p>PAGUREK B ET AL: "MANAGEMENT OF ADVANCED SERVICES IN H.323 INTERNET PROTOCOL TELEPHONY" PROCEEDINGS IEEE INFOCOM 2000. THE CONFERENCE ON COMPUTER COMMUNICATIONS. 19TH. ANNUAL JOINT CONFERENCE OF THE IEEE COMPUTER AND COMMUNICATIONS SOCIETIES. TEL AVIV, ISRAEL, MARCH, 26-30, 2000, PROCEEDINGS IEEE INFOCOM. THE CONFERENCE ON COMPUTER COMMU, vol. 3 OF 3. CONF. 19, 26 March 2000 (2000-03-26), pages 91-100, XP001004237 ISBN: 0-7803-5881-3 page 93, left-hand column, line 50 -page 97, right-hand column, line 29 ---</p>	1-30
Y	<p>K. EDWARDS: "Core Jini" June 1999 (1999-06) , PRENTICE HALL PTR , 1ST EDITION XP002212130 page 297, line 1 -page 305, line 19 page 320, line 6 -page 329, line 15 page 635, line 1 -page 656, last line ---</p>	1-30
A	<p>WYCKOFF P ET AL: "T spaces" IBM SYSTEMS JOURNAL, 1998, IBM, USA, vol. 37, no. 3, pages 454-474, XP000783107 ISSN: 0018-8670 the whole document ---</p>	1-30
A	<p>CLARK D: "NETWORK NIVANA AND THE INTELLIGENT DEVICE" IEEE CONCURRENCY, IEEE SERVICE CENTER, PISCATAWAY, NY, US, vol. 7, no. 2, April 1999 (1999-04), pages 16-19, XP002927392 ISSN: 1092-3063 page 17, left-hand column, line 9 -right-hand column, line 9 ---</p>	1-30
A	<p>MCKEE P ET AL: "Behavioural specification using XML" DISTRIBUTED COMPUTING SYSTEMS, 1999. PROCEEDINGS. 7TH IEEE WORKSHOP ON FUTURE TRENDS OF CAPE TOWN, SOUTH AFRICA 20-22 DEC. 1999, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 20 December 1999 (1999-12-20), pages 53-59, XP010367828 ISBN: 0-7695-0468-X the whole document -----</p>	1,3,11, 13,21,23