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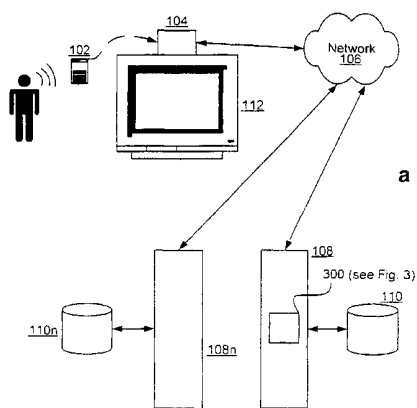
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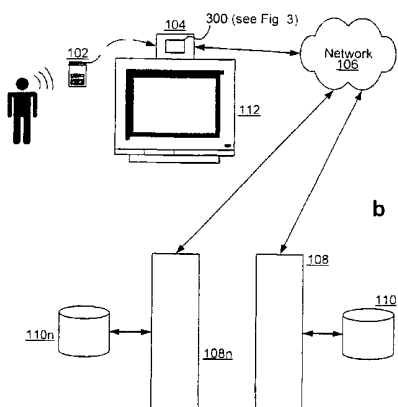
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(54) Title: ACCESSING NETWORK-BASED ELECTRONIC INFORMATION THROUGH SCRIPTED ONLINE INTERFACES USING SPOKEN NATURAL LANGUAGE INPUT



(57) Abstract: A system, method, and article of manufacture are provided for navigating an electronic data source that has a scripted online interface by means of spoken natural language. When a spoken natural language input request is received from a user, it is interpreted. A navigation query is constructed based on the interpretation of the speech input and a template extracted by scraping an online scripted interface to the data source. The resulting interpretation of the request is thereupon used to automatically construct an operational navigation query to retrieve the desired information from one or more electronic network data sources, which is then transmitted to a client device of the user.



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A. CLASSIFICATION OF SUBJECT MATTER
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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 G10L 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, INSPEC, PAJ, 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	EP 0 895 396 A (TEXAS INSTRUMENTS INC) 3 February 1999 (1999-02-03) column 2, line 43 -column 11, line 30 ---	1-94
X	WYARD P J ET AL: "SPOKEN LANGUAGE SYSTEMS - BEYOND PROMPT AND RESPONSE" BT TECHNOLOGY JOURNAL, GB, BT LABORATORIES, vol. 14, no. 1, 1996, pages 187-207, XP000554648 ISSN: 1358-3948 page 187 page 188, right-hand column page 190, right-hand column; figure 5 page 192, right-hand column --- -/--	1, 24, 29, 38, 52, 67, 80



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- *&* document member of the same patent family

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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.
E	EP 1 094 406 A (MATSUSHITA ELECTRIC IND CO LTD) 25 April 2001 (2001-04-25) column 1, line 36 - line 55 column 4, line 10 - line 55 -----	1,24,29, 38,52, 67,80

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0895396 A	03-02-1999	JP 11149297 A	02-06-1999
EP 1094406 A	25-04-2001	NONE	