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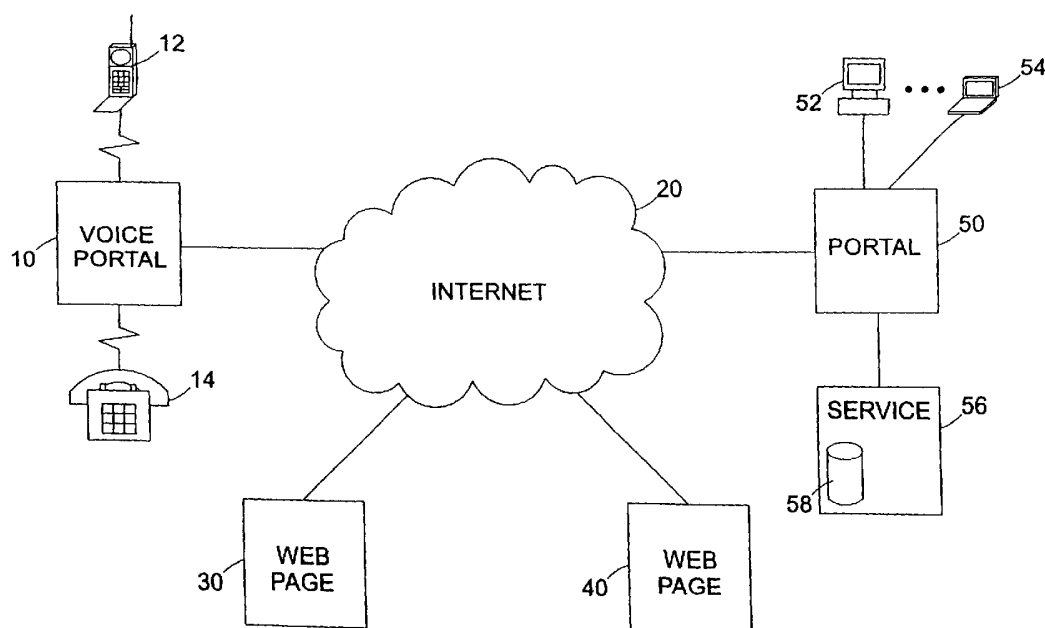
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(54) Title: SYSTEM AND METHOD FOR VOICE ACCESS TO INTERNET-BASED INFORMATION



(57) Abstract: A method of providing voice access to Internet-based information and services includes receiving a signal indicating a communication connection request in which the communication connection request is initiated by a user of a communication apparatus, establishing a communication connection with the communication apparatus of the user, receiving voice information from the user, and communicating voice information responsive to the voice information received from the user. The responsive voice information includes Internet-based information.



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.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 01/08314

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F3/16 H04M3/493 G06F17/30 G06F17/60 G10L15/26

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 H04M G06F G10L

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, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/006126 A1 (JOHNSON ET AL) 17 January 2002 (2002-01-17)	1-3, 10, 11, 15, 33, 34, 38, 39, 42, 51, 52
Y	abstract; figures 2, 7-9 paragraphs '0004!', '0019!', '0026!', '0029!', '0037!', '0039!', '0040!', '0061!', '0063!', '0091! & WO 00 05638 A 3 February 2000 (2000-02-03) --- -/--	4-7, 9, 18-20, 23-26, 29-32, 35-37, 45-50

☒ 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
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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
- *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

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Intel nal 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.
X	<p>US 2002/080927 A1 (UPPALURU) 27 June 2002 (2002-06-27)</p> <p>abstract paragraphs '0002!, '0005!, '0016!</p>	<p>1-3, 12-14, 17,28, 33,34, 40,44, 51,52</p>
Y	<p>EP 0 952 539 A (NORTEL NETWORKS CORP) 27 October 1999 (1999-10-27)</p> <p>abstract paragraphs '0009!, '0030!, '0033!</p>	<p>4,9,30</p>
Y	<p>CHANG A -M ET AL: "'Goodies" in exchange for consumer information on the Internet: the economics and issues" PROCEEDINGS OF THE THIRTY-FIRST HAWAII INTERNATIONAL CONFERENCE ON SYSTEM SCIENCES (CAT. NO.98TB100216), 6 - 9 January 1998, pages 533-542 vol.4, XP002222139 KOHALA COAST, HI, USA, Los Alamitos, CA, USA, IEEE Comput. Soc, USA ISBN: 0-8186-8255-8</p> <p>abstract * section "3.5 Pricing Advertisements on the web" *</p>	<p>5-7,31, 32,35-37</p>
Y	<p>LEE T ET AL: "INFORMATION INTEGRATION WITH ATTRIBUTION SUPPORT FOR CORPORATE PROFILES" PROCEEDINGS OF THE 8TH. INTERNATIONAL CONFERENCE ON INFORMATION KNOWLEDGE MANAGEMENT. CIKM'99. KANSAS CITY, MISSOURI, NOV. 2 - 6, 1999, ACM CIKM INTERNATIONAL CONFERENCE ON INFORMATION AND KNOWLEDGE MANAGEMENT, NEW YORK, NY: ACM, US, November 1999 (1999-11), pages 423-429, XP002943278 ISBN: 1-58113-146-1</p> <p>abstract page 423, right-hand column, paragraph 1</p>	<p>18,20, 23-26, 45,47-50</p>
Y	<p>SALTOR F.: "TUTORIAL on "The BLOOM Model for Database Interoperability" 7TH ERCIM DATABASE RESEARCH GROUP WORKSHOP ON OBJECT ORIENTED DATABASES, 15 - 16 May 1995, XP002222140 Lisbon, Portugal * section "2. Canonical Data Models" *</p>	<p>19,29,46</p>

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 01/08314

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.:

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: 1-3,10-17,28,30,33,34,38-44,51,52

Voice access to internet based information

2. Claims: 4-9,31,32,35-37

selectively providing advertisements

3. Claims: 18-27,29,45-50

gathering and merging information from different data sources

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 01/08314

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