INTERACTIVE WIRELESS INFORMATION AND COMMUNICATIONS AGENT

Abstract: A system and method for an interactive information and communications agent (132) that prepares and customizes user desired information, and manages user communications via wireless links (110). The agent (132) searches the intranet (126) and/or the Internet (112) based on user commanded keywords and user preferences in his profile. The user preference profile enlists the default order of information to receive and defines the user’s range of interest and keyword sets. The agent (132) may collect or update the information based on the user preference profile. The agent (132) delivers the information to the user (102) based on the profile once the user activates the system. The agent (132) also can perform communication management functions including registration of a user’s location, receiving or originating calls or messages for the user (102), and sending commands to functional devices.
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

A. CLASSIFICATION OF SUBJECT MATTER
IPC(7) : H04Q 7/20
US CL. : 455/456
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)
U.S. : 455/456, 412, 461, 709/202

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 practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category *</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>US 5,561,704 A (SALIMANDO) 01 October 1996 (01.10.1996). Figure 1; col. 2 line 25-</td>
<td>1,5,8,13,16,18</td>
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<td></td>
<td>col. 3 line 3</td>
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<tr>
<td>Y</td>
<td>US 6,076,099 A (CHEN et al) 13 June 2000 (13.06.2000), column 4 line 29-column 9</td>
<td>1-6, 9-13,16</td>
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<td>line 18</td>
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<td>Y</td>
<td>US 5,408,683 A (ABLAY et al) 18 April 1995 (18.04.1995), column 6 lines 26-57</td>
<td>7,9,17,19</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C. 
See patent family annex.

Date of the actual completion of the international search: 13 March 2002 (13.03.2002)
Date of mailing of the international search report: 17 APR 2002

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Form PCT/ISA/210 (second sheet) (July 1998)
Continuation of B. FIELDS SEARCHED Item 3:
EAST (BRS)
search terms: intelligent agent, location, position, preference, wireless