 declarations on the front page.

(54) Title: SYSTEM AND METHOD FOR MANAGING COMMUNICATION INTEROPERABILITY SWITCHES

(57) Abstract: A method and system (100) can automatically configure a communication interoperability switch (10) and communication devices associated with the switch (10) to support first responder agency communications based on the type of event for which response is required and the jurisdictions in which the event occurs. The method and system (100) use jurisdiction data, agency data and rules. The jurisdiction data includes data representing one or more jurisdictions, wherein each jurisdiction defines operational boundaries of one or more agencies. The agency data includes one or more communication device frequencies associated with the one or more agencies. The rules include rules for selecting one or more communication device frequencies and one or more networks of the selected communication device frequencies. The rules are used to automatically determine configuration information for configuring the switch (10) to interconnect a communication device to be operated by an agency selected from the one or more agencies. The switch (10) can thereby be configured to interconnect the communication devices operated by a plurality of selected agencies.
Published:  
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17 November 2005

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) : H04L 12/28; H04M 11/04
US CL. : 370/254; 455/404.2

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.: 370/254,270,328,329,343,401,480; 455/404.1,404.2; 379/45

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)

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>Y</td>
<td>US 2003/0125022 (Blossom et al.) 03 July 2003 (03.07.2003), Figure 2 [paragraph 0006-0007; 0009; 0013]; Figure 3 [paragraph 0045]; [paragraph 0048; 0050-0051]</td>
<td>1-13</td>
</tr>
<tr>
<td>A</td>
<td>US 5894478 (Barzegar et al.) 13 Apr. 1999 (13.04.1999), column 1, lines 45-64.</td>
<td></td>
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</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: 25 July 2005 (25.07.2005)

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