Title: CONVERSION OF IP-BASED MESSAGE TO PSTN-BASED MESSAGE

Abstract: A node (218) in a converged network converts a session initiation protocol (SIP) message to a signaling system 7 (SS7) message. A SIP INVITE request is received by the node (218) and the node (218) determines whether the SIP INVITE request is destined for an SS7 user (216). If the INVITE request is destined for an SS7 user (216), the node (218) determines whether the INVITE request contains MIME-encoded text and constructs a short message service (SMS) message containing the MIME-encoded text. The SMS message is routed to the SS7 user (216). The node (218) also constructs an initial address message (IAM) and routes the IAM to the SS7 user (216).
(88) Date of publication of the international search report:
    17 August 2006

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:  H04J 3/24 (2006.01); H04L 12/28 (2006.01); 12/66 (2006.01); H04M 3/42 (2006.01); 7/00 (2006.01)

   USPC: 370/338,352,395.52,401,467,379/88.17,220.01

   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. : 370/338, 352, 389, 395.1, 395.52, 401, 465, 466, 467; 379/88.17, 93.01, 93.07, 220.01

   Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

   NONE

   Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

   EAST: search terms: SIP, invite, request, IAM, SMS, MMS, SS7, PSTN, map$4, parameter

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 6,636,596 B1 (GALLANT et al) 21 October 2003, see col. 1, line 55 to col. 2, line 13, col. 3, lines 16-30, col. 3, line 39 to col. 4, line 28.</td>
<td>8, 9, 15</td>
</tr>
<tr>
<td>Y</td>
<td>US 6,438,223 B1 (ESKAFI et al) 20 August 2002, see col. 12, lines 45-55.</td>
<td>10-14</td>
</tr>
</tbody>
</table>

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

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   Date of the actual completion of the international search
   17 March 2006 (17.03.2006)

   Date of mailing of the international search report
   19 APR 2006

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