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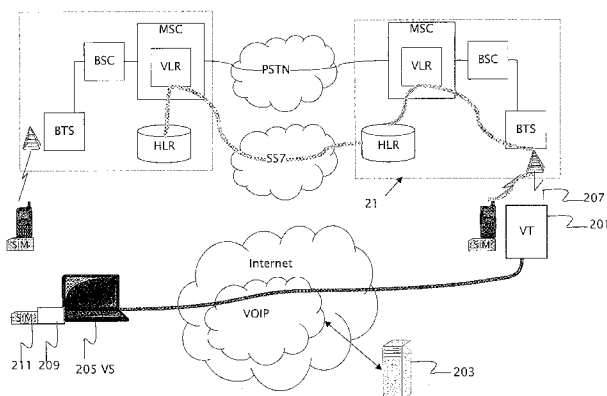
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(54) Title: BRIDGING BETWEEN A MOBILE CELLULAR TELEPHONE NETWORK AND A DATA, VOICE OVER INTERNET ROTOCOL (VOIP) NETWORK



(57) Abstract: A method for providing telephone communications in a system including a wide area data network and a wireless cellular mobile telephone network. A local cellular mobile telephone operator serves the wireless cellular mobile telephone network by providing a radio communications interface within a local region. The local cellular mobile telephone operator issues a subscriber identity module (SIM) to a user of the wireless cellular mobile telephone network. A communications terminal interfaces to the wide area data network using a radio interface to a base transceiver station (BTS) of the wireless cellular mobile telephone network within the local region. The communications terminal includes a communications module for handling a telephone communication through the wide area data network and the wireless cellular mobile telephone network. The communications terminal includes a subscriber identity module (SIM) emulator. A client computer is attached to the wide area data network at a remote site outside the local region. The client computer includes a subscriber identity module (SIM) reader. Telephone communications are provided by (a) inserting the SIM card into the SIM reader (b) transferring SIM identification data of the SIM card to the terminal over the wide area data network and (c) emulating the SIM card based on the SIM identification data. The emulation is performed by the emulator at the communications terminal. The SIM data is provided to the wireless cellular mobile telephone network operator within the local region over the radio communications interface.



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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 709/229

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

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/0051041 A1 (KALAVADE et al) 6 August 2002, paragraphs 56 and 95.	1-9

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

* Special categories of cited documents:

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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