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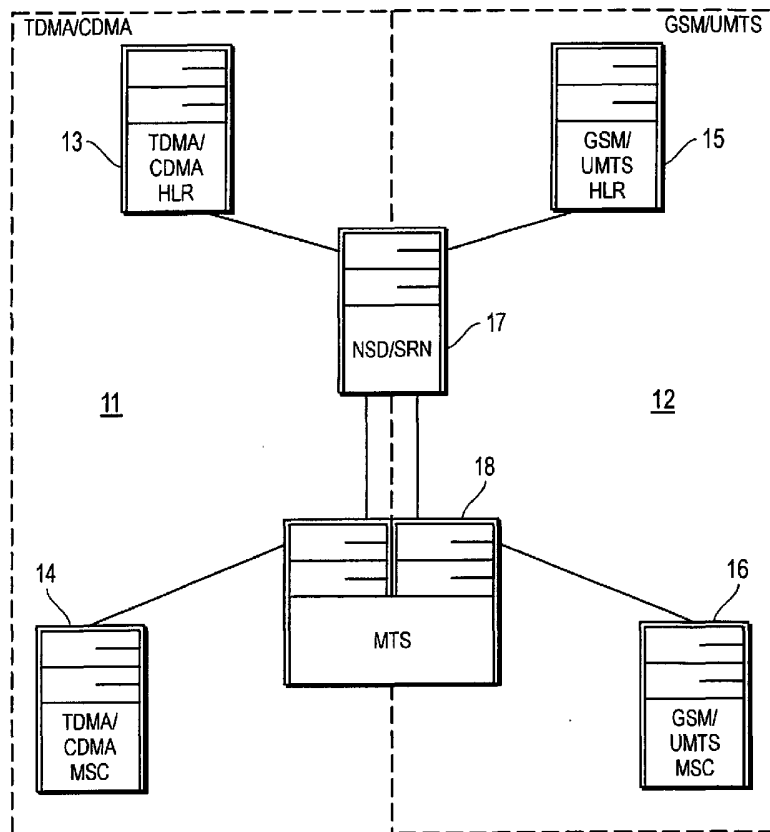
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(54) Title: ARRANGEMENT AND METHOD FOR MOBILE TELECOMMUNICATION NETWORKS



(57) Abstract: An arrangement and method for sending Short Message Service (SMS) messages between a TDMA/CDMA mobile network (11) and a GSM/UMTS mobile network (12). A network subscription database/signaling relay node, NSD/SRN, (17) and a multi-technology short message service center, MTS, (18) are shared between the networks. The MTS receives SMS messages from each network and forwards the messages to destination subscribers in the same or the other network. The NSD/SRN (17) intercepts the request and determines whether the destination subscriber has a subscription in the addressed network. If so, the request is forwarded to the addressed HLR, and routing continues as normal. If not, the NSD/SRN (17) notifies the MTS (18) that the subscriber does not have a subscription in the addressed network. The MTS then requests routing information from the other HLR, and routing continues as normal.



ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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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 H04Q

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02 05580 A (ERICSSON TELEFON AB L M) 17 January 2002 (2002-01-17) abstract page 1, line 1 -page 23, line 5; figures 1-10	1-19
X	WO 02 35866 A (CELLEMETRY LLC) 2 May 2002 (2002-05-02) abstract page 1, line 1 -page 6, line 5; figures 1-4	1-19
X	WO 00 56110 A (ERICSSON TELEFON AB L M) 21 September 2000 (2000-09-21) abstract page 2, line 22 -page 3, line 5; figures 1-5	1-19
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☒ Patent family members are listed in annex.

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