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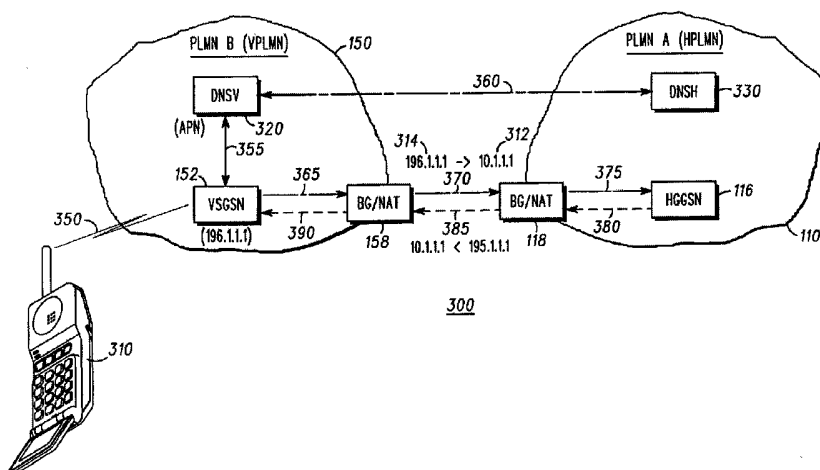
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(54) Title: COMMUNICATION SYSTEM AND METHOD OF ROUTING INFORMATION



(57) Abstract: A method of routing information in a communication system where a serving communicating unit serves a plurality of subscriber units with a communication resource and is identified by both a public and a private address. The method includes the steps of a subscriber unit (310) roaming from a home communication network (110) to a visited communication network (150) and requesting (350), using a GPRS transport protocol message, a communication resource. A visited serving communication unit (152) processes the request in order to extract a serving communication unit private address. In response to determining that the serving communication unit private address identifies a serving communication unit of a different communication network (110), the serving communication unit (152) incorporates its public address in the request and forwards (375) the request to a home serving communication unit (112) containing its public address (312). In this manner, subsequent messages to the subscriber unit can be routed via the visited serving communication unit using its public address. A communication system and serving communication units, for example a serving GPRS service node and a gateway GPRS service node, are also provided.

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Minimum documentation searched (classification system followed by classification symbols)

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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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 99/17497 A (ERICSSON TELEFON AB L M) 8 April 1999 (1999-04-08) page 4, paragraph 18 - paragraph 28 page 11, paragraph 19 - page 15, paragraph 20 figures 5,6	1-25
Y	----- SRISURESH P: "IP Network Address Translator (NAT) Terminology and Considerations" NAT WORKING GROUP, 30 June 1999 (1999-06-30), XP002230939 paragraph '3.1.1! paragraph '04.1! - paragraph '04.3! paragraph '05.0! - paragraph '05.1! ----- -/--	1-25

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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X	"DIGITAL CELLULAR TELECOMMUNICATIONS SYSTEM (PHASE 2+) (GSM); UNIVERSAL MOBILE TELECOMMUNICATIONS SYSTEM (UMTS); GENERAL PACKET RADIO SERVICE (GPRS) SERVICE DESCRIPTION; Stage 2 (3GPP TS 23.060 version 4.3.0 Release 4) ETSI TS 123 060 v4.3.0"	17
A	ETSI TS 123 060 V4.3.0, XX, XX, January 2002 (2002-01), pages 1-198, XP002222634 paragraph '0009! paragraph '13.3! -----	1-16, 18-25

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