Title (en)

COMMUNICATION SYSTEM AND METHOD OF ROUTING INFORMATION

Title (de)

KOMMUNIKATIONSSYSTEM UND METHODE ZUR ROUTING VON INFORMATION

Title (fr)

SYSTEME DE COMMUNICATION, UNITE DE COMMUNICATION SERVEUR, ET PROCEDE DE ROUTAGE D'INFORMATION

Publication

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Application

EP 03773730 A 20031006

Priority

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Abstract (en)

[origin: GB2394148A] 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 (SGSN) (152) processes the request in order to extract a private address. In response to determining that the private address identifies a serving communication unit (SGSN) 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). 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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