

Title (en)

METHOD FOR ROUTING CALLS BASED ON SUBSCRIBER'S LOCATION

Title (de)

VERFAHREN ZUR LEITWEGLENKUNG VON RUFEN BASIEREND AUF DER NUTZER-POSITION

Title (fr)

PROCEDE D'ACHEMINEMENT D'APPELS BASE SUR LA POSITION DE L'ABONNE

Publication

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Application

EP 99949030 A 19991008

Priority

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- FI 982205 A 19981009

Abstract (en)

[origin: WO0022862A1] The present invention is based on defining the location of a connection (7) by means of coordinates. The coordinate system employed is advantageously a conventional coordinate system, in which the location can be resolved by the subscriber (7) or network terminal device using the connection (7) with the help of, e.g., a satellite positioning system. According to the invention, the coordinates of the connection (7) are transmitted from the connection over the telecom network to a location data base (3) maintained by at least one telecom operator. When calls are routed according to the invention, the location of the A- or B-subscriber, or even of both parties, are analyzed by retrieving the coordinates of the respective connection (7) from the location data base (3). If so needed, the coordinates are interpreted with another data base, called a linking data base, where the coordinates and geographical areas are linked with each other. In a service resolving the A-subscriber location, the incoming call can be routed, e.g., to the telephone exchange of the firm owning the destination extension and the location coordinates of the A-subscriber or the geographic area of the calling party can be transmitted over a communication channel to the called firm to be used in internal call forwarding. The location of the calling party and the call forwarding routine linked thereto may also be exhaustively analyzed and defined in the system of the telecom operator with the provision that authorization to such an operation has been given.

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See references of WO 0022862A1

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