Title (en)

METHOD AND DEVICE FOR LOCALISING PACKET DATA SERVICE ENABLED RADIO STATIONS IN A COMMUNICATION SYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ORTSBESTIMMUNG VON PAKETDATENDIENST-FÄHIGEN FUNKSTATIONEN IN EINEM KOMMUNIKATIONSSYSTEM

Title (fr)

PROCEDE ET DISPOSITIF DE LOCALISATION DE STATIONS RADIO POUVANT PORTER DES SERVICES DE DONNEES DE PAQUETS DANS UN SYSTEME DE COMMUNICATION

Publication

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Abstract (en)

[origin: WO02063909A1] The invention relates to a method for localising packet data service enabled stations (MS) in a radio communication system (GSM), whereby each station (MS) communicates with a network station (BTS) associated therewith on the network thereof via at least one radio interface (V) within a radio cell (Z). Localisation of the position of the stations (MS) is carried out by said network either periodically or according to demand. In order to enable fast provision of said localised information, the actual locations and experienced radio conditions of the station(s) (MS) are stored by the network. The packet data service enabled stations (MS) can be used advantageously for determining other known methods, for example, for other methods known for other purposes, e.g. for determining received field intensity and/or interference level, for carrying out cell change and/or for activating a polling request.

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