

Title (en)

METHOD AND ARRANGEMENT FOR LOCATING A MOBILE STATION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR POSITIONSBESTIMMUNG EINER MOBILSTATION

Title (fr)

PROCEDE ET DISPOSITIF DE LOCALISATION D'UNE STATION MOBILE

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Application

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Abstract (en)

[origin: WO0027152A1] The invention relates to a method and arrangement for locating a mobile station. By means of the invention, it is detected whether said mobile station is located in a predetermined area. The basic idea of the invention is as follows. In the home and/or possibly in some other permanent location of residence, there is installed a transmitter (101), repeatedly transmitting the identity code of said mobile station. The transmission power is so low that the signal can only be detected within the range of a few tens of meters, for example. The signal is formed so that it can be distinguished from other possible signals active in the same area. A mobile station that detects its own identity code in the channel used by the transmitter sends a signal message to the mobile system. The message notifies that the mobile station is in the predetermined area. The system (103) advantageously utilises this information so that at least for those connections originated from said mobile station, there is set a lower tariff than in a case where the mobile station is out of reach of said transmitter (transmitters).

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