

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

Publication
EP 1125467 A1 20010822 (EN)

Application
EP 99971624 A 19991029

Priority
• FI 9900908 W 19991029
• FI 982365 A 19981030

Abstract (en)
[origin: WO027152A1] 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).

IPC 1-7
H04Q 7/38

IPC 8 full level
H04W 4/24 (2009.01); **H04W 88/02** (2009.01)

CPC (source: EP)
H04W 4/24 (2013.01); **H04W 88/02** (2013.01)

Citation (search report)
See references of WO 0027152A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 0027152 A1 20000511; AU 1162700 A 20000522; EP 1125467 A1 20010822; FI 982365 A0 19981030; FI 982365 A 20000501

DOCDB simple family (application)
FI 9900908 W 19991029; AU 1162700 A 19991029; EP 99971624 A 19991029; FI 982365 A 19981030