Title (en)

DELAY COMPENSATION FOR A GEOLOCATION MEASUREMENT WITH UPLINK REFERENCE SIGNALS

Title (de)

VERZÖGERUNGSKOMPENSATION FÜR EINE GEOLOKALISIERUNGSMESSUNG MIT UPLINK-REFERENZSIGNALEN

Title (fr)

COMPENSATION DU DÉLAI POUR UNE MESURE DE GÉOLOCALISATION AVEC SIGNAUX DE RÉFÉRENCE MONTANTS

Publication

EP 4281797 A1 20231129 (FR)

Application

EP 22705075 A 20220121

Priority

- FR 2100630 A 20210122
- FR 2022050116 W 20220121

Abstract (en)

[origin: WO2022157461A1] The invention relates to a method for receiving an uplink reference signal (PRS1, PRS2) sent by a mobile terminal (1) to a network entity (DU) through a radio unit (RU) connected to an antenna, and used to geolocate the mobile terminal (1), the method being implemented by the network entity (DU) and comprising: - recording, by way of time of arrival of the reference signal, a time obtained by adding a delay, called the waiting delay, to the time at which the reference signal was sent by the radio unit (RU), the waiting delay being larger in value than a transmit path time of a signal called the comparison signal (S1, S2), between the radio unit (RU) and the network entity (DU), and - sending a message to a geolocation server (Geoloc), comprising information relating to the recorded time of arrival.

IPC 8 full level

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CPC (source: EP US)

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