Title (en)

DELAY COMPENSATION FOR A GEOLOCATION MEASUREMENT WITH DOWNLINK REFERENCE SIGNALS

Title (de)

VERZÖGERUNGSKOMPENSATION FÜR EINE GEOLOKALISIERUNGSMESSUNG MIT DOWNLINK-REFERENZSIGNALEN

Title (fr)

COMPENSATION DU DELAI POUR UNE MESURE DE GEOLOCALISATION AVEC SIGNAUX DE REFERENCE DESCENDANTS

Publication

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Application

EP 22705432 A 20220121

Priority

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Abstract (en)

[origin: WO2022157462A1] The invention relates to a method for transmitting a downlink reference signal (PRS1, PRS2) from a network entity (DU) to a mobile terminal (1) via a radio unit (RU) connected to an antenna, used to geolocate the mobile terminal (1), the method being implemented by the radio unit (RU) and comprising: - receiving the reference signal (PRS1, PRS2) from the network entity (DU) and destined for the mobile terminal (1), and - transmitting the reference signal (PRS1, PRS2) to the mobile terminal (1) upon expiry of what is termed a delay period with respect to the transmission time of the reference signal by the network entity (DU), the delay period having a value greater than a transmission travel time of a signal termed a comparison signal (S1, S2) between the network entity (DU) and the radio unit (RU).

IPC 8 full level

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CPC (source: EP US)

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Designated contracting state (EPC)

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