Title (en)

METHOD FOR PHYSICAL LAYER ACCESS CONTROL BASED ON A PILOT HOPPING SEQUENCE

Title (de)

VERFAHREN ZUR STEUERUNG DES PHYSIKALISCHEN SCHICHTZUGANGS BASIEREND AUF EINER PILOTSPRUNGSEQUENZ

Title (fr)

PROCÉDÉ DE CONTRÔLE D'ACCÈS À UNE COUCHE PHYSIQUE BASÉ SUR UNE SÉQUENCE DE SAUTS PILOTES

Publication

EP 4000328 A1 20220525 (EN)

Application

EP 19937560 A 20190715

Priority

SE 2019050691 W 20190715

Abstract (en)

[origin: WO2021010872A1] A method performed by a UE (10) for handling communication in a wireless communication network. The UE (10) selects (401) pilot hopping sequence based on an identity of the UE (10) and further based on an algorithm known to a radio network node (12) and/or a time stamp of the selection. The selecting comprises mapping the identity, and the algorithm known to the radio network node (12) and/or the time stamp, onto a sequence of integers, and mapping the sequence of integers onto a sequence of pilot waveforms using a pre-determined mapping. The UE (10) transmits (402) the selected pilot hopping sequence to the radio network node (12).

IPC 8 full level

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