

Title (en)

SOUNDING REFERENCE SIGNAL POWER CONTROL WITH NON-SCHEDULING DOWNLINK CONTROL INFORMATION

Title (de)

KLANGREFERENZSIGNALLEISTUNGSSTEUERUNG MIT NICHT-SCHEDULING VON DOWNLINK-STEUERINFORMATIONEN

Title (fr)

COMMANDE DE PUISSANCE DE SIGNAL DE RÉFÉRENCE DE SONDAGE AVEC DES INFORMATIONS DE COMMANDE DE LIAISON DESCENDANTE NON DE PROGRAMMATION

Publication

EP 4320939 A1 20240214 (EN)

Application

EP 22719147 A 20220405

Priority

- US 202163171501 P 20210406
- US 202217713068 A 20220404
- US 2022023556 W 20220405

Abstract (en)

[origin: WO2022216757A1] Aspects relate to wireless communication having sounding reference signal (SRS) power control using non-scheduling downlink control information (DCI) that is configured to trigger aperiodic SRS without scheduling data and without a channel state information (CSI) request. The non-scheduling is configured to include at least two transmit power control (TPC) commands. A first TPC command is configured for power control of a physical uplink shared channel (PUSCH) transmitted by a UE to a base station. A second TPC command is configured for power control of one or more sounding reference signal (SRS) resource sets. Additionally, the first TPC command may be independent from the second TPC command where different power control is implemented for the PUSCH and the SRS transmissions. Additionally, the non-scheduling DCI may be formatted according to a DCI format 0_1 or a DCI format 0_2.

IPC 8 full level

H04W 52/14 (2009.01); **H04L 5/00** (2006.01); **H04W 52/32** (2009.01); **H04W 72/04** (2023.01)

CPC (source: EP)

H04L 5/0048 (2013.01); **H04L 5/0091** (2013.01); **H04W 52/146** (2013.01); **H04W 52/325** (2013.01); **H04L 5/001** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022216757 A1 20221013; EP 4320939 A1 20240214

DOCDB simple family (application)

US 2022023556 W 20220405; EP 22719147 A 20220405