

Title (en)

BEAM-SELECTIVE TRANSMISSION POWER CONTROL SCHEME

Title (de)

STRAHLSELEKTIVES SENDELEISTUNGSSTEUERSCHHEMA

Title (fr)

SCHÉMA DE COMMANDE DE PUISSANCE DE TRANSMISSION SÉLECTIVE PAR FAISCEAU

Publication

EP 3895335 A1 20211020 (EN)

Application

EP 19719327 A 20190426

Priority

- EP 2018086659 W 20181221
- EP 2019060792 W 20190426

Abstract (en)

[origin: WO2020126114A1] The present invention relates to transmission power control at a wireless communication device (UE). In particular, the invention provides a UE for performing beam-selective transmission power control, and a device, for example a network device, for supporting beam-selective transmission power control. The UE is configured to receive a first parameter of a downlink beam-formed resource from the device to the UE and a second parameter of a sidelink beam- formed resource from a second UE to the UE. Further, it is configured to measure a first path loss based on the first parameter and a second path loss based on the second parameter, and to determine, based on the first and second path losses and according to a preconfigured determination scheme, a transmission power for a sidelink beam- formed resource to the second UE. The device is accordingly configured to transmit a first parameter of a downlink beam-formed resource from the device to the UE and a second parameter of a sidelink beam- formed resource from a second UE to the UE.

IPC 8 full level

H04B 7/06 (2006.01); **H04B 7/08** (2006.01); **H04W 52/24** (2009.01); **H04W 52/38** (2009.01); **H04W 52/42** (2009.01)

CPC (source: EP)

H04B 7/0617 (2013.01); **H04B 7/086** (2013.01); **H04W 52/242** (2013.01); **H04W 52/383** (2013.01); **H04W 52/42** (2013.01)

Citation (search report)

See references of WO 2020126114A1

Cited by

EP3915306A4; WO2020263064A1; US11388678B2; US11805486B2

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

DOCDB simple family (publication)

WO 2020126114 A1 20200625; CN 113228530 A 20210806; CN 113228530 B 20220916; EP 3895335 A1 20211020; WO 2020126042 A1 20200625

DOCDB simple family (application)

EP 2019060792 W 20190426; CN 201980085860 A 20190426; EP 19719327 A 20190426; EP 2018086659 W 20181221