

Title (en)

MINIMIZING BLOCK ERROR RATE (BLER) ASSOCIATED WITH A BEAM SWITCH

Title (de)

MINIMIERUNG DER BLOCKFEHLERRATE (BLER) IN VERBINDUNG MIT EINEM STRAHLSSCHALTER

Title (fr)

RÉDUCTION À UN MINIMUM DU TAUX D'ERREUR DE BLOC (BLER) ASSOCIÉ À UN COMMUTATEUR DE FAISCEAU

Publication

EP 4005108 A1 20220601 (EN)

Application

EP 20750473 A 20200608

Priority

- US 201916528451 A 20190731
- US 201916528457 A 20190731
- US 2020036617 W 20200608

Abstract (en)

[origin: WO2021021295A1] Aspects of the disclosure relate to minimizing the block error rate (BLER) experienced by a user equipment (UE) upon a downlink beam switch at the base station. The UE may measure the reference signal received power (RSRP) of each of a plurality of downlink beams during a beam sweep and modify an automatic gain control (AGC) state of the UE based on the difference in RSRP between a current downlink beam and an expected downlink beam expected to be selected by the base station for subsequent unicast downlink transmissions to the UE. In some examples, the expected downlink beam may have a highest RSRP among all of the measured RSRPs of the different downlink beams. Other aspects, features, and embodiments are also claimed and described.

IPC 8 full level

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

CPC (source: CN EP)

H04B 7/0632 (2013.01 - CN); **H04B 7/0691** (2013.01 - CN EP); **H04B 17/13** (2015.01 - CN EP); **H04B 17/318** (2015.01 - CN EP); **H04L 1/0003** (2013.01 - CN EP); **H04L 1/0009** (2013.01 - CN EP); **H04L 1/0034** (2013.01 - CN EP); **H04L 1/06** (2013.01 - CN EP); **H04W 52/245** (2013.01 - CN EP); **H04W 52/52** (2013.01 - CN EP); **H04B 7/0632** (2013.01 - EP)

Citation (search report)

See references of WO 2021021295A1

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)

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US 2020036617 W 20200608; CN 202080054007 A 20200608; CN 202080054215 A 20200626; EP 20743433 A 20200626; EP 20750473 A 20200608; US 2020039835 W 20200626