

Title (en)

SPATIAL RELATION CONFIGURATION FOR NEW RADIO (NR) UPLINK TRANSMISSION

Title (de)

KONFIGURATION RÄUMLICHER BEZIEHUNGEN FÜR UPLINK-ÜBERTRAGUNG IN NEW RADIO (NR)

Title (fr)

CONFIGURATION DE RELATIONS SPATIALES POUR UNE TRANSMISSION DE LIAISON MONTANTE NEW RADIO (NR)

Publication

EP 3857800 A4 20220622 (EN)

Application

EP 19865168 A 20190927

Priority

- CN 2018108382 W 20180928
- US 201962805830 P 20190214
- US 201962810218 P 20190225
- US 201962831466 P 20190409
- US 2019053557 W 20190927

Abstract (en)

[origin: WO2020069381A1] A device of a New Radio (NR) User Equipment (UE), a method and a machine readable medium to implement the method. The device includes a Radio Frequency (RF) interface, and processing circuitry coupled to the RF interface, the processing circuitry to: decode a Medium Access Control Control Element (MAC-CE) from a NR evolved NodeB (gNodeB); determine respective spatial relations for respective Physical Uplink Control Channel (PUCCH) resources simultaneously based on the MAC-CE; and encode PUCCHs for transmission to the gNodeB over the respective PUCCH resources based on the respective spatial relations.

IPC 8 full level

H04L 5/00 (2006.01); **H04B 7/06** (2006.01); **H04L 1/06** (2006.01); **H04W 72/12** (2009.01); **H04B 7/08** (2006.01)

CPC (source: EP)

H04B 7/0695 (2013.01); **H04L 5/0023** (2013.01); **H04L 5/0044** (2013.01); **H04L 5/0048** (2013.01); **H04L 5/0094** (2013.01); **H04W 72/1268** (2013.01); **H04B 7/088** (2013.01); **H04L 5/0055** (2013.01)

Citation (search report)

- [XAI] MEDIATEK INC: "Remaining Issues for Beam Management and Beam Failure Recovery", vol. RAN WG1, no. Gothenburg, Sweden; 20180820 - 20180824, 11 August 2018 (2018-08-11), XP051515648, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg%5Fran/WG1%5FRL1/TSGR1%5F94/Docs/R1%2D1808264%2Ezip> [retrieved on 20180811]
- [XI] ERICSSON: "Remaining issues on beam measurement and reporting", vol. RAN WG1, no. Busan, Korea; 20180521 - 20180525, 12 May 2018 (2018-05-12), XP051462385, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg%5Fran/WG1%5FRL1/TSGR1%5F93/Docs> [retrieved on 20180512]
- See also references of WO 2020069381A1

Designated contracting state (EPC)

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