

Title (en)

PHYSICAL DOWNLINK CONTROL CHANNELCANDIDATE SELECTION METHOD AND SYSTEM

Title (de)

VERFAHREN UND SYSTEM ZUR AUSWAHL EINES PHYSIKALISCHEN DOWNLINK-STEUERUNGSKANALKANDIDATEN

Title (fr)

PROCÉDÉ ET SYSTÈME DE SÉLECTION DE CANAL DE COMMANDE DE LIAISON DESCENDANTE PHYSIQUE CANDIDAT

Publication

**EP 3777417 A4 20220316 (EN)**

Application

**EP 18913949 A 20180406**

Priority

CN 2018082094 W 20180406

Abstract (en)

[origin: WO2019192018A1] Disclosed are methods, systems and devices for physical downlink control channel (PDCCH) candidate selection. One example method includes performing a communication operation in one or more of a first set of resources, where the resources of the first set of resources are selected in a selection order from a second set of resources that is larger than the first set of resources, and where the selection order for the first set of resources is based on at least one of a period of a search space set, a downlink control information (DCI) format of the search space set, a starting symbol of the search space set, a component carrier type, a component carrier index or an occasion index.

IPC 8 full level

**H04L 5/00** (2006.01); **H04L 1/00** (2006.01); **H04W 72/12** (2009.01)

CPC (source: EP)

**H04L 1/0038** (2013.01); **H04L 5/001** (2013.01); **H04L 5/0053** (2013.01); **H04L 5/0064** (2013.01); **H04L 1/0071** (2013.01); **H04L 5/0032** (2013.01); **H04L 5/0087** (2013.01); **H04L 5/0091** (2013.01)

Citation (search report)

- [A] CATT: "Remaining issues on PDCCH search space", vol. RAN WG1, no. Athens, Greece; 20180226 - 20180302, 17 February 2018 (2018-02-17), XP051397709, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg%5Fran/WG1%5FRL1/TSGR1%5F92/Docs/> [retrieved on 20180217]
- [A] OPPO: "Discussion of search space design", vol. RAN WG1, no. Prague, CZ; 20171009 - 20171013, 8 October 2017 (2017-10-08), XP051341225, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings\_3GPP\_SYNC/RAN1/Docs/> [retrieved on 20171008]
- [I] ZTE ET AL: "Search space design and related issues", vol. RAN WG1, no. Athens, Greece; 20180226 - 20180302, 16 February 2018 (2018-02-16), XP051396965, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg%5Fran/WG1%5FRL1/TSGR1%5F92/Docs/> [retrieved on 20180216]
- [A] ZTE ET AL: "Resource sharing between PDCCH and PDSCH", vol. RAN WG1, no. Nagoya, Japan; 20170918 - 20170921, 17 September 2017 (2017-09-17), XP051339024, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings\_3GPP\_SYNC/RAN1/Docs/> [retrieved on 20170917]
- See references of WO 2019192018A1

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

DOCDB simple family (publication)

**WO 2019192018 A1 20191010**; CN 111869300 A 20201030; CN 111869300 B 20230407; EP 3777417 A1 20210217; EP 3777417 A4 20220316

DOCDB simple family (application)

**CN 2018082094 W 20180406**; CN 201880091487 A 20180406; EP 18913949 A 20180406