

Title (en)
COMMON PDCCH (cPDCCH) TRANSMITTED ON AN UNLICENSED CARRIER

Title (de)
AUF EINEM UNLIZENZIERTEN TRÄGER ÜBERTRAGENER GEMEINSAMER PDCCH (CPDCCH)

Title (fr)
PDCCH COMMUN (CPDCCH) TRANSMIS SUR UNE PORTEUSE SANS LICENCE

Publication
EP 3449591 A4 20191120 (EN)

Application
EP 16900768 A 20161208

Priority
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• US 2016065678 W 20161208

Abstract (en)
[origin: WO2017189044A1] Disclosed herein is an apparatus of a user equipment (UE) configured to communicate with an evolved Node B (eNB). The UE may include memory and processing circuitry coupled to the memory. The processing circuitry may be configured to perform a listen-before-talk (LBT) procedure on one or more channels of an unlicensed spectrum of a secondary cell (SCell). The processing circuitry may be further configured to decode cell-specific control information in a current subframe received on a common physical downlink control channel (cPDCCH) of the SCell, the cell-specific control information indicating an uplink (UL) burst duration for a plurality of subsequent UL subframes forming an UL burst. In response to receipt of an UL grant associated with the UL burst, the processing circuitry may be configured to schedule a transmission of the plurality of UL subframes for the UL burst duration to an evolved Node B (eNB).

IPC 8 full level
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CPC (source: EP)
H04L 5/001 (2013.01); **H04L 5/0053** (2013.01); **H04L 27/0006** (2013.01); **H04W 16/14** (2013.01); **H04W 72/23** (2023.01); **H04W 74/0808** (2013.01)

Citation (search report)
• [XAI] WO 2015188557 A1 20151217 - ZTE CORP [CN] & EP 3148108 A1 20170329 - ZTE CORP [CN]
• [XI] INTEL CORPORATION: "On the Support of Cross-burst Scheduling", vol. RAN WG1, no. Busan, Korea; 20160411 - 20160415, 2 April 2016 (2016-04-02), XP051080132, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_84b/Docs/> [retrieved on 20160402]
• [A] INTEL CORPORATION: "Transmission of Uplink Control Information on an LAA SCell", vol. RAN WG1, no. Busan, Korea; 20160411 - 20160415, 2 April 2016 (2016-04-02), XP051080136, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_84b/Docs/> [retrieved on 20160402]
• [A] INTEL CORPORATION: "Introduction of cross-burst scheduling", vol. RAN WG1, no. St. Julian's, Malta; 20160215 - 20160219, 14 February 2016 (2016-02-14), XP051053764, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings_3GPP_SYNC/RAN1/Docs/> [retrieved on 20160214]
• See references of WO 2017189044A1

Designated contracting state (EPC)
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