

Title (en)

ORTHOGONAL MULTIPLEXING TECHNIQUES FOR DEMODULATION REFERENCE SIGNALS

Title (de)

ORTHOGONAL-MULTIPLEXING-TECHNIKEN ZUR DEMODULATION VON REFERENZSIGNALEN

Title (fr)

TECHNIQUES DE MULTIPLEXAGE ORTHOGONAL DE SIGNAUX DE RÉFÉRENCE DE DÉMODULATION

Publication

EP 3433965 A1 20190130 (EN)

Application

EP 17715582 A 20170321

Priority

- US 201662311499 P 20160322
- CN 2016078371 W 20160401
- US 201662399732 P 20160926
- US 2017023456 W 20170321

Abstract (en)

[origin: WO2017165450A1] Techniques for orthogonal multiplexing Demodulation Reference Signals (DM-RS) can include transmitting the DM-RS based on a resource allocation and transmitting the data on a subset. Alternatively, the DM-RSs can be transmitted on a subset of subcarriers in the resource allocation. In addition, the DM-RSs of a given UE can be combined utilizing Frequency Division Multiplexing (FDM) with DM-RS of other UEs. The DM-RS of the given UE can also be combined utilizing a cross-subframe orthogonal complimentary code (OCC) of a third or higher order with the DM-RSs of other UEs.

IPC 8 full level

H04L 5/00 (2006.01); **H04L 27/26** (2006.01)

CPC (source: EP US)

H04L 5/0037 (2013.01 - EP); **H04L 5/0051** (2013.01 - EP US); **H04L 27/2613** (2013.01 - EP US); **H04L 5/0026** (2013.01 - EP)

Citation (search report)

See references of WO 2017165450A1

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 2017165450 A1 20170928; EP 3433965 A1 20190130

DOCDB simple family (application)

US 2017023456 W 20170321; EP 17715582 A 20170321