

Title (en)

DYNAMIC CSI-RS SHARING SCHEME

Title (de)

DYNAMISCHES CSI-RS-TEILUNGSSCHEMA

Title (fr)

PROTOCOLE DE PARTAGE DYNAMIQUE DE CSI-RS

Publication

EP 3459304 A4 20200729 (EN)

Application

EP 16902027 A 20160520

Priority

CN 2016082814 W 20160520

Abstract (en)

[origin: WO2017197642A1] A method is provided including dividing communication resources into a plurality of resource pools for transmission of at least one reference signal; determining a user specific measurement pattern for each of a plurality of user equipments; assigning the plurality of user equipments to one of the resource pools; and transmitting an indication of the assigned resource pool and the user specific measurement pattern to each of the plurality of user equipments to configure the plurality of user equipments to measure and report quality information using the communication resource within the assigned resource pool.

IPC 8 full level

H04L 5/00 (2006.01); **H04W 72/04** (2009.01); **H04B 7/04** (2017.01); **H04L 1/00** (2006.01); **H04L 25/02** (2006.01); **H04L 27/26** (2006.01)

CPC (source: EP)

H04L 5/0023 (2013.01); **H04L 5/0051** (2013.01); **H04L 5/0064** (2013.01); **H04L 5/0078** (2013.01); **H04L 5/0091** (2013.01);
H04L 25/0226 (2013.01); **H04B 7/0626** (2013.01); **H04L 1/0026** (2013.01); **H04L 1/0027** (2013.01); **H04L 5/0087** (2013.01)

Citation (search report)

- [A] FUJITSU: "Discussion of DL CoMP control signaling", 3GPP DRAFT; R1-122081 DISCUSSION ON DL COMP CONTROL SIGNALLING, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG1, no. Prague, Czech Republic; 20120521 - 20120525, 12 May 2012 (2012-05-12), XP050600370
- [X] JUHO LEE ET AL: "Coordinated multipoint transmission and reception in LTE-advanced systems", IEEE COMMUNICATIONS MAGAZINE, IEEE SERVICE CENTER, PISCATAWAY, US, vol. 50, no. 11, 1 November 2012 (2012-11-01), pages 44 - 50, XP011472334, ISSN: 0163-6804, DOI: 10.1109/MCOM.2012.6353681
- [I] SAMSUNG: "LAA CSI reporting", vol. RAN WG1, no. Anaheim, USA; 20151115 - 20151122, 7 November 2015 (2015-11-07), XP051022496, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg_ran/WG1_RL1/TSGR1_83/Docs/> [retrieved on 20151107]
- [I] ALCATEL-LUCENT ET AL: "Interference measurement for CoMP", 3GPP DRAFT; R1-121241_COMP_INTERFERENCE_FINAL, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG1, no. Jeju, Korea; 20120326 - 20120330, 20 March 2012 (2012-03-20), XP050599534
- See references of WO 2017197642A1

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

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DOCDB simple family (application)

CN 2016082814 W 20160520; EP 16902027 A 20160520