

Title (en)

MULTI-CARRIER OPERATIONAL MODES IN WIRELESS COMMUNICATIONS PROTOCOL, METHOD OF INITIALIZING A MOBILE STATION IN ORDER TO PREPARE FOR MULTI-CARRIER OPERATION IN SAME, AND CARRIER MANAGEMENT METHOD IN SAME

Title (de)

MEHRTRÄGER-BETRIEBSMODI IN EINEM DRAHTLOSESKOMMUNIKATIONSPROTOKOLL, VERFAHREN ZUR INITIIERUNG EINER MOBILSTATION ZUR VORBEREITUNG AUF DEREN MEHRTRÄGER-BETRIEBSMODUS SOWIE TRÄGERVERWALTUNGSVERFAHREN DAFÜR

Title (fr)

MODES FONCTIONNELS À PORTEUSES MULTIPLES DANS UN PROTOCOLE DE COMMUNICATION SANS FIL, PROCÉDÉ D'INITIALISATION D'UNE STATION MOBILE DANS LE BUT DE PRÉPARER UNE OPÉRATION À PORTEUSES MULTIPLES DANS CELLE-CI, ET PROCÉDÉ DE GESTION DE PORTEUSES

Publication

EP 2425553 A4 20170315 (EN)

Application

EP 10772488 A 20100426

Priority

- US 2010032384 W 20100426
- US 17320409 P 20090428
- US 76617010 A 20100423

Abstract (en)

[origin: WO2010129223A2] Multi-carrier operational modes in a wireless communications protocol are described, along with a method of initializing a mobile station in order to prepare for multi-carrier operation and a carrier management method within a wireless communications protocol.

IPC 8 full level

H04L 5/00 (2006.01)

CPC (source: EP KR)

H04L 5/0007 (2013.01 - KR); **H04L 5/001** (2013.01 - EP KR); **H04L 5/0037** (2013.01 - EP KR); **H04L 5/0098** (2013.01 - EP KR);
H04W 72/0453 (2013.01 - KR); **H04W 72/23** (2023.01 - KR); **H04W 72/54** (2023.01 - KR); **H04L 5/0007** (2013.01 - EP)

Citation (search report)

- [X] "Proposed Text of Multi-carrier MAC Operation for the IEEE 802.16m AWD ; C80216m-09_0951", IEEE DRAFT; C80216M-09_0951, IEEE-SA, PISCATAWAY, NJ USA, vol. 802.16m, 27 April 2009 (2009-04-27), pages 1 - 10, XP017611909
- [A] HSIAO-CHEN LU ET AL: "Multi-Carrier Capability Negotiation and Carrier Assignment during Initial Network Entry and Network Reentry ; C80216m-09_0965", IEEE DRAFT; C80216M-09_0965, IEEE-SA, PISCATAWAY, NJ USA, vol. 802.16m, 27 April 2009 (2009-04-27), pages 1 - 10, XP017731025
- [A] CHIEH-YUAN HO ET AL: "Message Design to support Secondary Carrier Activation ; C80216m-09_0968", IEEE DRAFT; C80216M-09_0968, IEEE-SA, PISCATAWAY, NJ USA, vol. 802.16m, 27 April 2009 (2009-04-27), pages 1 - 3, XP068001670
- [A] JUHEE KIM ET AL: "Proposed IEEE 802.16m Amendment Text on Secondary Carrier Management ; C80216m-09_1016r1", IEEE DRAFT; C80216M-09_1016R1, IEEE-SA, PISCATAWAY, NJ USA, vol. 802.16m, no. r1, 27 April 2009 (2009-04-27), pages 1 - 5, XP017792734
- [A] JUHEE KIM ET AL: "Proposed IEEE 802.16m Amendment Text on Primary Carrier Change ; C80216m-09_0889", IEEE DRAFT; C80216M-09_0889, IEEE-SA, PISCATAWAY, NJ USA, vol. 802.16m, 27 April 2009 (2009-04-27), pages 1 - 7, XP017733978
- See references of WO 2010129223A2

Citation (examination)

- MOTOROLA: "Common PDCCH Design for Carrier Aggregation", 3GPP DRAFT; R1-091327, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. Seoul, Korea; 20090318, 18 March 2009 (2009-03-18), XP050338925
- KANCHEI (KEN) LOA ET AL: "RS operates in multi-carrier operation ; C80216m-09_0389r1", IEEE DRAFT; C80216M-09_0389R1, IEEE-SA, PISCATAWAY, NJ USA, vol. 802.16m, no. r1, 27 February 2009 (2009-02-27), pages 1 - 3, XP017797488
- JAEHEE CHO ET AL: "SDD Text Proposal for Multi-carrier operation ; C80216m-09_0133r1", IEEE DRAFT; C80216M-09_0133R1, IEEE-SA, PISCATAWAY, NJ USA, vol. 802.16m, no. r1, 14 January 2009 (2009-01-14), pages 1 - 16, XP068001474
- JAEHEE CHO ET AL: "Final Multi-Carrier RG Consensus SDD Text Proposal ; C80216m-08_1491", IEEE DRAFT; C80216M-08_1491, IEEE-SA, PISCATAWAY, NJ USA, vol. 802.16m, 13 November 2008 (2008-11-13), pages 1 - 12, XP017792110

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2010129223 A2 20101111; WO 2010129223 A3 20110217; BR PI1011903 A2 20170711; CN 102461014 A 20120516;
CN 102461014 B 20150923; EP 2425553 A2 20120307; EP 2425553 A4 20170315; KR 101364906 B1 20140219; KR 20120016245 A 20120223;
TW 201127103 A 20110801; TW I482508 B 20150421

DOCDB simple family (application)

US 2010032384 W 20100426; BR PI1011903 A 20100426; CN 201080028983 A 20100426; EP 10772488 A 20100426;
KR 20117027416 A 20100426; TW 99113266 A 20100427