

Title (en)
METHOD AND APPARATUS FOR CONFIGURING POWER HEADROOM INFORMATION IN MOBILE COMMUNICATION SYSTEM
SUPPORTING CARRIER AGGREGATION

Title (de)
VERFAHREN UND VORRICHTUNG ZUR KONFIGURATION VON LEISTUNGSRESERVENINFORMATIONEN IN EINEM
MOBILKOMMUNIKATIONSSYSTEM MIT UNTERSTÜTZUNG VON TRÄGERAGGREGATIONEN

Title (fr)
PROCÉDÉ ET APPAREIL DE CONFIGURATION D'INFORMATIONS DE MARGE DE PUISSANCE DANS UN SYSTÈME DE COMMUNICATION
MOBILE ACCEPTANT L'AGRÉGATION DE PORTEUSES

Publication
EP 2603991 A4 20151007 (EN)

Application
EP 11816592 A 20110810

Priority

- KR 20110074076 A 20110726
- US 41049310 P 20101105
- US 39243610 P 20101012
- US 38947610 P 20101004
- US 38343710 P 20100916
- US 37416010 P 20100816
- US 37245210 P 20100810
- KR 2011005818 W 20110810

Abstract (en)
[origin: WO2012020976A2] A method and apparatus for configuring Power Headroom Report (PHR) of a User Equipment (UE) efficiently in a mobile communication system supporting carrier aggregation are provided. The method includes generating a header including a LCID for identifying extended PHR and L indicating a length of the extended PHR, and inserting Power Headrooms (PHs) of multiple activated carriers into the extended PHR of one of the carriers.

IPC 8 full level
H04J 11/00 (2006.01); **H04B 7/26** (2006.01); **H04W 24/10** (2009.01); **H04W 52/00** (2009.01); **H04W 52/36** (2009.01)

CPC (source: CN EP KR US)
H04L 5/001 (2013.01 - CN EP KR); **H04L 5/006** (2013.01 - KR); **H04L 5/0098** (2013.01 - CN EP KR); **H04W 24/10** (2013.01 - KR); **H04W 52/34** (2013.01 - EP KR US); **H04W 52/365** (2013.01 - CN EP KR US); **H04W 52/58** (2013.01 - US); **H04L 5/006** (2013.01 - CN EP); **H04W 52/34** (2013.01 - CN); **H04W 88/02** (2013.01 - US); **H04W 88/08** (2013.01 - US); **Y02D 30/70** (2020.08 - KR)

Citation (search report)

- [XYI] LG ELECTRONICS INC: "PHR format for CA", 3GPP DRAFT; R2-103937 PHR FORMAT FOR CA, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG2, no. Stockholm, Sweden; 20100628 - 20100702, 22 June 2010 (2010-06-22), XP050605240
- [IJ] ZTE: "Parallel transmission of two types PHR", 3GPP DRAFT; R2-103725 PARALLEL TRANSMISSION OF TYPE1 2 PHR, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG2, no. Stockholm, Sweden; 20100628, 22 June 2010 (2010-06-22), XP050451200
- [XAI] POTEVIO: "Remaining Issues on PHR for CA", 3GPP DRAFT; R2-102770 REMAINING ISSUES ON PHR FOR CA, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG2, no. Montreal, Canada; 20100510, 1 May 2010 (2010-05-01), XP050422890
- [YA] NOKIA SIEMENS NETWORKS ET AL: "Details of PHR for carrier aggregation", 3GPP DRAFT; R2-103558 DETAILS OF PHR FOR CARRIER AGGREGATION, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG2, no. Stockholm, Sweden; 20100628 - 20100702, 22 June 2010 (2010-06-22), XP050605217
- See references of WO 2012020976A2

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 2012020976 A2 20120216; WO 2012020976 A3 20120518; CN 103069732 A 20130424; CN 103069732 B 20160120; CN 103081384 A 20130501; CN 103081384 B 20160323; CN 105392193 A 20160309; CN 105392193 B 20210205; EP 2603991 A2 20130619; EP 2603991 A4 20151007; EP 2603992 A2 20130619; EP 2603992 A4 20151007; EP 2603992 B1 20181205; EP 3537637 A1 20190911; EP 3537637 B1 20220928; JP 2013535926 A 20130912; JP 2013538503 A 20131010; JP 2016129409 A 20160714; JP 2016197920 A 20161124; JP 5964301 B2 20160803; JP 5990521 B2 20160914; JP 6162279 B2 20170712; JP 6297639 B2 20180320; KR 101881891 B1 20180824; KR 101894916 B1 20181012; KR 20120014867 A 20120220; KR 20120024381 A 20120314; WO 2012020980 A2 20120216; WO 2012020980 A3 20120518

DOCDB simple family (application)
KR 2011005818 W 20110810; CN 201180039225 A 20110810; CN 201180039243 A 20110810; CN 201510818852 A 20110810; EP 11816592 A 20110810; EP 11816596 A 20110810; EP 19171087 A 20110810; JP 2013524037 A 20110810; JP 2013524038 A 20110810; JP 2016040438 A 20160302; JP 2016159129 A 20160815; KR 2011005835 W 20110810; KR 20110074076 A 20110726; KR 20110074084 A 20110726