Title (en)

EUCA SECONDARY CELL DIRECT ACTIVATION

Title (de)

DIREKTE AKTIVIERUNG VON EUCA-SEKUNDÄRZELLEN

Title (fr)

ACTIVATION DIRECTE DE CELLULE SECONDAIRE EUCA

Publication

EP 3834485 A4 20220427 (EN)

Application

EP 19848414 A 20190809

Priority

- US 201862717554 P 20180810
- US 2019045946 W 20190809

Abstract (en)

[origin: WO2020033856A1] An apparatus of a user equipment (UE) includes processing circuitry, where to configure the UE for enhanced utilization of carrier aggregation (euCA) secondary cell (SCell) direct activation, the processing circuitry is to decode radio resource control (RRC) signaling from a source base station. The RRC signaling includes a handover command for a handover to a primary serving cell (PSCell) of a target base station, and an SCell activation command for euCA direct activation of a SCell of the target base station. A random access channel (RACH) procedure is performed in connection with the handover to the PSCell of the target base station. Upon completion of the handover, cell measurements of the SCell of the target base station are performed. The cell measurements are encoded for transmission to the PSCell in a channel state information (CSI) report, to activate the SCell of the target base station.

IPC 8 full level

H04W 36/00 (2009.01); **H04L 5/00** (2006.01); **H04W 36/08** (2009.01); **H04W 72/54** (2023.01); H04W 74/08 (2009.01)

CPC (source: EP US)

H04L 5/001 (2013.01 - EP); **H04L 5/0053** (2013.01 - EP); **H04L 5/0057** (2013.01 - EP); **H04L 5/0098** (2013.01 - EP); **H04W 36/0072** (2013.01 - EP US); **H04W 36/0094** (2013.01 - EP); **H04W 72/542** (2023.01 - EP); H04W 36/08 (2013.01 - EP US); H04W 74/0833 (2013.01 - EP)

Citation (search report)

- [XI] US 2013028236 A1 20130131 - JUNG MYUNGCHEUL [KR], et al
- [I] MEDIATEK INC: "Handover with Carrier Aggregation", 3GPP DRAFT; R2-102808_HANDOVER WITH CARRIER AGGREGATION, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG2, no. Montreal, Canada, 3 May 2010 (2010-05-03), XP050605116
- [I] CATT: "Handover for Carrier Aggregation", 3GPP TSG RAN WG2 MEETING #66BIS R2-093722,, 29 June 2009 (2009-06-29), pages 1 - 3, XP008153769
- [A] MOTOROLA: "Principles for Handover with Carrier Aggregation", 3GPP DRAFT; R2-103171-PRINCIPLES FOR HANDOVER WITH 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, 4 May 2010 (2010-05-04), XP050605153
- See also references of WO 2020033856A1

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 2020033856 A1 20200213; EP 3834485 A1 20210616; EP 3834485 A4 20220427; EP 4221334 A1 20230802

DOCDB simple family (application)

US 2019045946 W 20190809; EP 19848414 A 20190809; EP 23164557 A 20190809