

Title (en)

METHOD FOR IMPLEMENTING MDT CONTINUITY

Title (de)

VERFAHREN ZUR IMPLEMENTIERUNG VON MDT-KONTINUITÄT

Title (fr)

PROCÉDÉ POUR LA MISE EN UVRE D'UNE CONTINUITÉ MDT

Publication

EP 2862382 A4 20160601 (EN)

Application

EP 13807394 A 20130618

Priority

- CN 201210208896 A 20120619
- KR 2013005343 W 20130618

Abstract (en)

[origin: WO2013191431A1] The present invention provides a method for implementing MDT continuity, for the management based MDT, if the selected PLMN of the UE is the HPLMN of the UE, the EHPLMN of the UE, or the equivalent PLMN of the HPLMN or EHPLMN, the base station obtains the user consent information of the UE, and selects the UE to perform MDT measurement according to the user consent information of the UE; for the signaling based MDT, if the selected PLMN of the UE is the HPLMN of the UE, the EHPLMN of the UE, or the equivalent PLMN of the HPLMN or EHPLMN, the base station obtains the MDT configuration information of the MDT, and performs the MDT measurement according to the MDT configuration information. By using the methods of the present invention, the eNB can select the UE in the scope of the HPLMN of the UE, the EHPLMN of the UE, or the equivalent PLMN of the HPLMN or EHPLMN to perform the MDT measurement and receive the MDT report of the UE, thereby supporting the MDT measurement in the HPLMN, EHPLMN, or the equivalent PLMN of the HPLMN or EHPLMN, and implementing MDT continuity.

IPC 8 full level

H04W 24/00 (2009.01); **H04B 7/26** (2006.01); **H04W 24/10** (2009.01); **H04W 8/18** (2009.01)

CPC (source: EP KR)

H04W 8/18 (2013.01 - KR); **H04W 24/08** (2013.01 - KR); **H04W 24/10** (2013.01 - EP KR); **H04W 36/0005** (2013.01 - KR);
H04W 8/18 (2013.01 - EP)

Citation (search report)

- [XYI] SAMSUNG: "MDT Support in the equivalent PLMN", 3GPP DRAFT; R3-112465(MDT SUPPORT IN THE EQUIVALENT PLMN), 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG3, no. Zhuhai; 20111010, 1 October 2011 (2011-10-01), XP050542248
- [IY] NOKIA SIEMENS NETWORKS ET AL: "MDT operation in networks that use equivalent PLMNs and/or RAN sharing", 3GPP DRAFT; R2-113775 PLMN USAGE WITH MDT, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG2, no. Athens, Greece; 20110822, 16 August 2011 (2011-08-16), XP050539840
- [IA] NOKIA SIEMENS NETWORKS ET AL: "Logged MDT continuity across PLMNs", 3GPP DRAFT; R2-121122 LOGGED MDT CONTINUITY ACROSS PLMNS, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG2, no. Jeju, Korea; 20120326 - 20120330, 20 March 2012 (2012-03-20), XP050606148
- [IA] HUAWEI: "Discussion paper of MDT handling in EPLMN Scenario", 3GPP DRAFT; S5-113029 DISCUSSION PAPER OF MDT HANDLING IN EPLMN SCENARIO, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. SA WG5, no. China; 20111010, 2 October 2011 (2011-10-02), XP050551854
- [IA] SAMSUNG: "Applicability of equivalent PLMNs to Minimized Driving Test (MDT)", 3GPP DRAFT; S2-114092_EPLMN-MDT-DISCUSION_V4, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. SA WG2, no. Jeju Island; 20111010, 4 October 2011 (2011-10-04), XP050549275

Citation (examination)

- CATT: "Discussion on solutions about the continuity of MDT", 3GPP DRAFT; R3-121080, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG3, no. Prague, Czech Republic; 20120521 - 20120525, 12 May 2012 (2012-05-12), XP050611207
- LG ELECTRONICS INC: "inter-PLMN MDT", 3GPP DRAFT; R2-115456 INTER-PLMN MDT, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG2, no. Zhuhai; 20111010, 4 October 2011 (2011-10-04), XP050541097
- NOKIA SIEMENS NETWORKS ET AL: "Multi-PLMN support for MDT in S1AP", 3GPP DRAFT; R3-121099 MDT S1AP, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG3, no. Prague, Czech Republic; 20120521 - 20120525, 11 May 2012 (2012-05-11), XP050611126
- 3GPP: "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Universal Terrestrial Radio Access (UTRA) and Evolved Universal Terrestrial Radio Access (E-UTRA); Radio measurement collection for Minimization of Drive Tests (MDT); Overall description; Stage 2 (Release 10)", 3GPP DRAFT; 37320-A40, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, 24 December 2011 (2011-12-24), XP050563788
- NOKIA SIEMENS NETWORKS: "Report on the email discussion on MDT post RAN3#73bis", 3GPP DRAFT; R3-112871, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG3, no. San Francisco, USA; 20111014 - 20111018, 4 November 2011 (2011-11-04), XP050566090
- See also references of WO 2013191431A1

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 2013191431 A1 20131227; EP 2862382 A1 20150422; EP 2862382 A4 20160601; KR 102072566 B1 20200302;
KR 20150030730 A 20150320; KR 20200012041 A 20200204; KR 20210029296 A 20210315

DOCDB simple family (application)

**KR 2013005343 W 20130618; EP 13807394 A 20130618; KR 20157001138 A 20130618; KR 20207002575 A 20130618;
KR 20217006750 A 20130618**