



New connection on: : 13-11-2020 : 01:27:48 - Last disconnection on: : 13-11-2020 : 01:27:39

V 4.0.0.44803(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#(D201820)) (RPM D201820)

Welcome to EPOQUE Rebuild under the Production Environment

[EPODOC: SS 9] PLMN and 5G and Core and cell+ and decod+

Results in EPODOC 3

[SS 10] ..li



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PN - [US2020275361](#) A1 20200827
PR - US201816650763
20180928; US201762564483P
20170928; WO20181B57581
20180928
AP - [US201816650763](#) 20180928
DT - **
CCI - [H04W48/12](#)
CCA - [H04W48/18](#) ; [H04W84/042](#)
CI - H04W48/12 (EP, US)
- H04W48/18 (US)
CA - H04W48/18 (EP)
- H04W84/042 (EP, US)
PA - TELEFONAKTIEBOLAGET LM
ERICSSON (PUBL) [SE]
TI - EFFICIENT **PLMN** ENCODING FOR 5G
AB - A method for **decoding PLMN**
information comprises receiving
a message comprising **PLMN**
information for a plurality of **cells**
and determining **PLMN**
information from the message
for a first group of **cells** that
comprises at least one **cell**,
each **cell** of the first group of **cells**
associated with a first **core**
network type. The method further
comprises determining **PLMN**

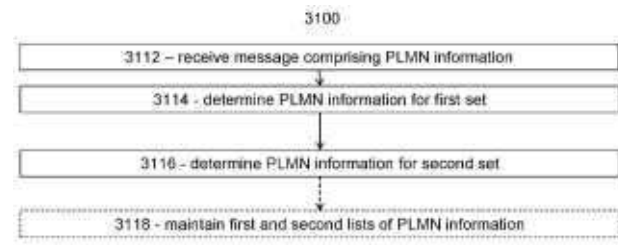


Fig. 3

information from the message for a second group of **cells** that comprises at least one **cell**, each **cell** of the second group of **cells** associated with a second **core** network type. At least one **cell** is a part of the first group of **cells** and the second group of **cells**. The **PLMN** information for the at least one **cell** in the first group of **cells** and the second group of **cells** is provided only once.

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- PN - [CN111165022](#) A 20200515
- PR - US201762564483P
20170928; WO20181857581
20180928
- AP - [CN20188063351](#) 20180928
- DT - I
- CCI - [H04W48/12](#)
- CCA - [H04W48/18](#) ; [H04W84/042](#)
- CI - H04W48/12 (EP, US)
H04W48/18 (US)
- CA - H04W48/18 (EP)
H04W84/042 (EP, US)
- PA - ERICSSON TELEFON AB L M
- TI - Efficient **PLMN** encoding for 5G
- AB - A method for **decoding PLMN** information comprises receiving a message comprising **PLMN** information for a plurality of **cells** and determining **PLMN** information from the message for a first group of **cells** that comprises at least one **cell**, each **cell** of the first group of **cells** associated with a first **core** network type. The method further comprises determining **PLMN** information from the message for a second group of **cells** that comprises at least one **cell**, each **cell** of the second group of **cells** associated with a second **core** network type. At least one **cell** is a part of the first group of **cells** and the second

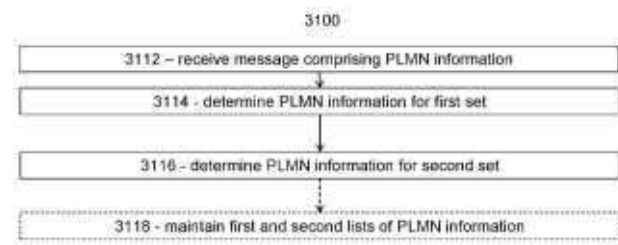


Fig. 3

group of **cells**. The **PLMN** information for the at least one **cell** in the first group of **cells** and the second group of **cells** is provided only once.

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PN - [WO2019064271](#) A1 20190404

PR - US201762564483P 20170928

AP - [WO20181857581](#) 20180928

DT - *; Rep

CT - */EP/ ISR (A1)*

[XP051435937](#) A[XP];

[XP051318054](#) A[Y];

[XP051301007](#) A[Y];

[EP2809102](#) A1 20141203 [A] (SAMSUNG ELECTRONICS CO LTD [KR])

[A] 1-34

* paragraphs [0012], [0013], [0116] - [0120] *

CTNP - */EP/ ISR (A1)*

[XP] - CATT, "Summary of Offline discussion #08 on coding of PLMNs list", vol. RAN WG2, no. Sanya, China; 20180416 - 20180420, (20180420), 3GPP DRAFT; R2-1806439, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, URL: <http://www.3gpp.org/ftp/tsg%5Fran/WG2%5FRL2/TSGR2%5F101bis/Docs/>, (20180420), XP051435937

[XP] 1-34

* Section 2.3; pages 7-11 *

[Y] - ZTE, "Consideration on CN type indication", vol. RAN WG2, no. Berlin, Germany; 20170821 - 20170825, (20170820), 3GPP DRAFT; R2-1708151 CONSIDERATION ON CN TYPE INDICATION, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, URL: http://www.3gpp.org/ftp/Meetings_3GPP_SYNC/RAN2/Docs/, (20170820), XP051318054

[Y] 1-34

* Section 2; pages 1-2 *

[Y] - ERICSSON, "Encoding of broadcasted system information", vol. RAN WG2, no. Qingdao, China; 20170627

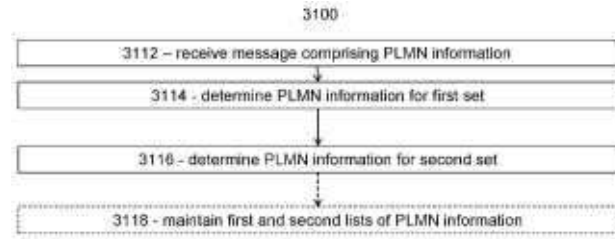


Fig. 3

- 20170629, (20170626), 3GPP DRAFT; R2-1706502 ENCODING OF BROADCASTED SYSTEM INFORMATION, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRAN,
 URL: [http://www.3gpp.org/ftp/Meetings_3GPP_SYNC/RAN2/Docs/\(20170626\),XP051301007](http://www.3gpp.org/ftp/Meetings_3GPP_SYNC/RAN2/Docs/(20170626),XP051301007)
 [Y] 1-34
 * Subsection 2.1, 2.2; pages 2-3; figures 1, 2 *

- CCI - [H04W48/12](#)
- CCA - [H04W48/18](#) ; [H04W84/042](#)
- CI - H04W48/12 (EP, US)
 - H04W48/18 (US)
- CA - H04W48/18 (EP)
 - H04W84/042 (EP, US)
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