

20 Documents

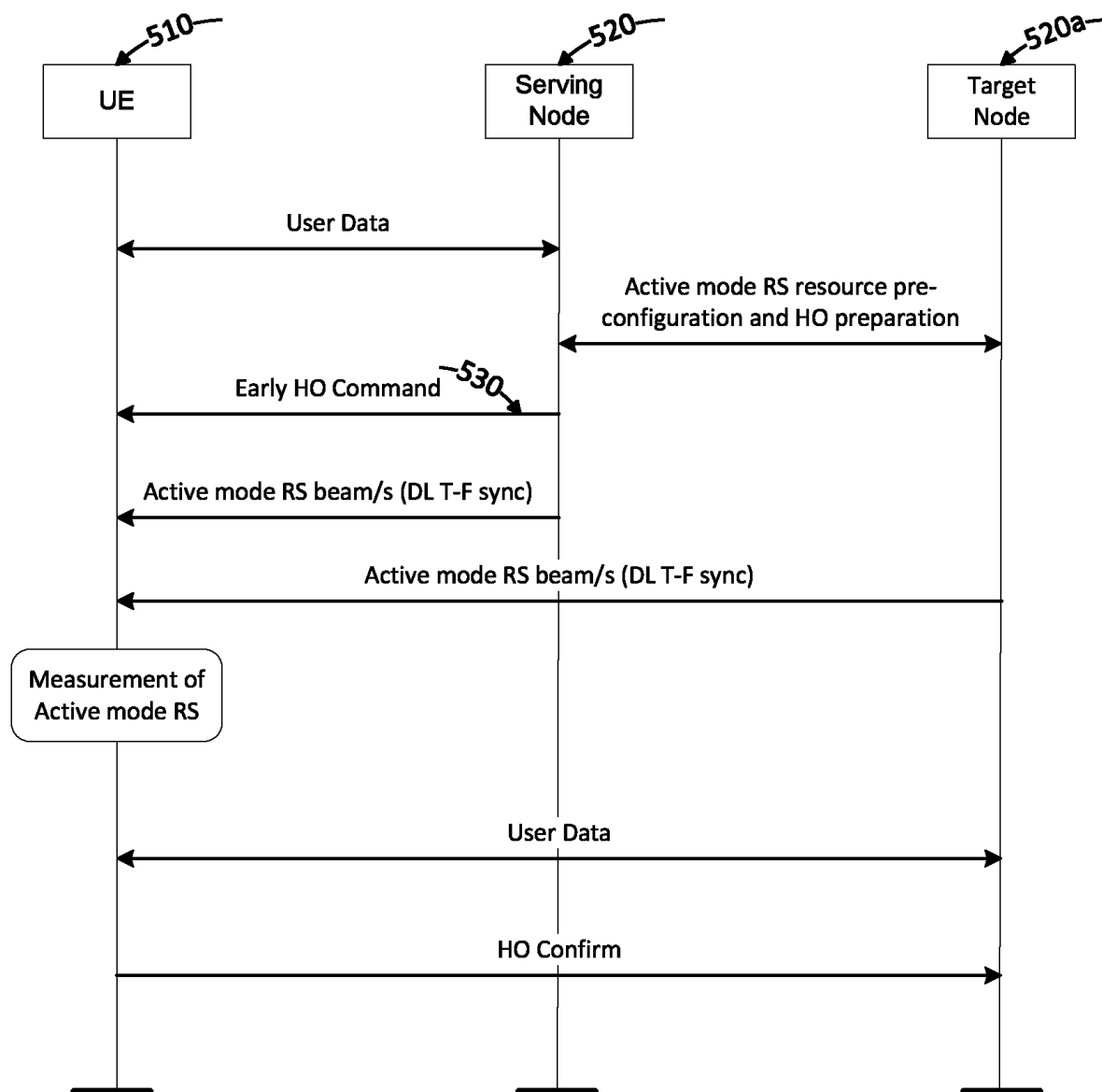
Publication numbers	Title	Current assignees
US20200068458 A1	Wireless hanover	ERICSSON
EP3536025 A1	Identifying a beam for accessing a target cell of a wireless handover	ERICSSON
WO202087371 A1	Apparatus and mechanism to improve mobility robustness in wireless network	MEDIATEK SINGAPORE
EP2695435 A2	Handover apparatus and method for avoiding in-device coexistence interference	APPLE
US20180192347 A1	UE-based expedited handoff	SHARP LABORATORIES OF AMERICA
WO2017138988 A1	Systems, methods, and devices for reduced handover data interruption	INTEL
EP3001888 A1	Handover in heterogeneous cellular networks	BLACKBERRY
EP3603183 A1	Wireless device, radio network node, and methods performed therein for handling communication in a wireless communication network	ERICSSON
EP3202188 A1	Mobile communication in macro-cell assisted small cell networks	INTEL
EP3247151 A1	Node and method for enabling a wireless terminal to be served by multiple cells in a communications network	ERICSSON
EP2805557 A1	Support of switching tti bundling on/off	ERICSSON
WO2016163786 A1	Method and apparatus for handover in wireless communication system using beamforming	SAMSUNG ELECTRONICS
EP2863681 A1	Method of handling handover for dual connectivity communication device and communication device thereof	HTC
EP3619948 A1	Network node indicating beam for handover to a wireless device	ERICSSON
WO201260655 A2	Method for performing handover in wireless communication system	LG ELECTRONICS
EP3455952 A1	User equipment procedures to control uplink beamforming	ERICSSON
EP3443774 A1	Migration of local gateway function in cellular networks	QUALCOMM
EP3277044 A1	Terminal device, base station device, communication method, and integrated circuit	SHARP
EP3585103 A1	Network access through a second wireless network	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS
US20110194478 A1	Method of performing random access in mobile communication system and apparatus for the same	LG ELECTRONICS

Family 1/20 - FAMPAT - ©Questel

Title

(US20200068458)

Wireless hanover

Images**Publication numbers with kind code & date**

US20200068458	A1	2020-02-27	US20200068458
US10484915	B2	2019-11-19	US10484915
US20190110234	A1	2019-04-11	US20190110234

**Abstract**

(US20200068458)

In accordance with particular embodiments, there is disclosed herein a method performed by a wireless device for handover. The method comprises receiving a first handover message from a source network node associated with a source cell. The first handover message comprises an identification of a target cell and access information associated with the target cell. The target cell is different than the source cell and comprises one or more beams. The method also includes identifying at least one beam from among the one or more beams of the target cell. The at least one beam is identified based on the identification of the target cell and the access information from the first handover message. The method further includes accessing the target cell using the identified at least one beam.

Inventors

PEISA JANNE

DA SILVA ICARO L J

Latest standardized assignees - inventors removed

ERICSSON

Family 2/20 - FAMPAT - ©Questel

Title

(EP3536025)

Identifying a beam for accessing a target cell of a wireless handover

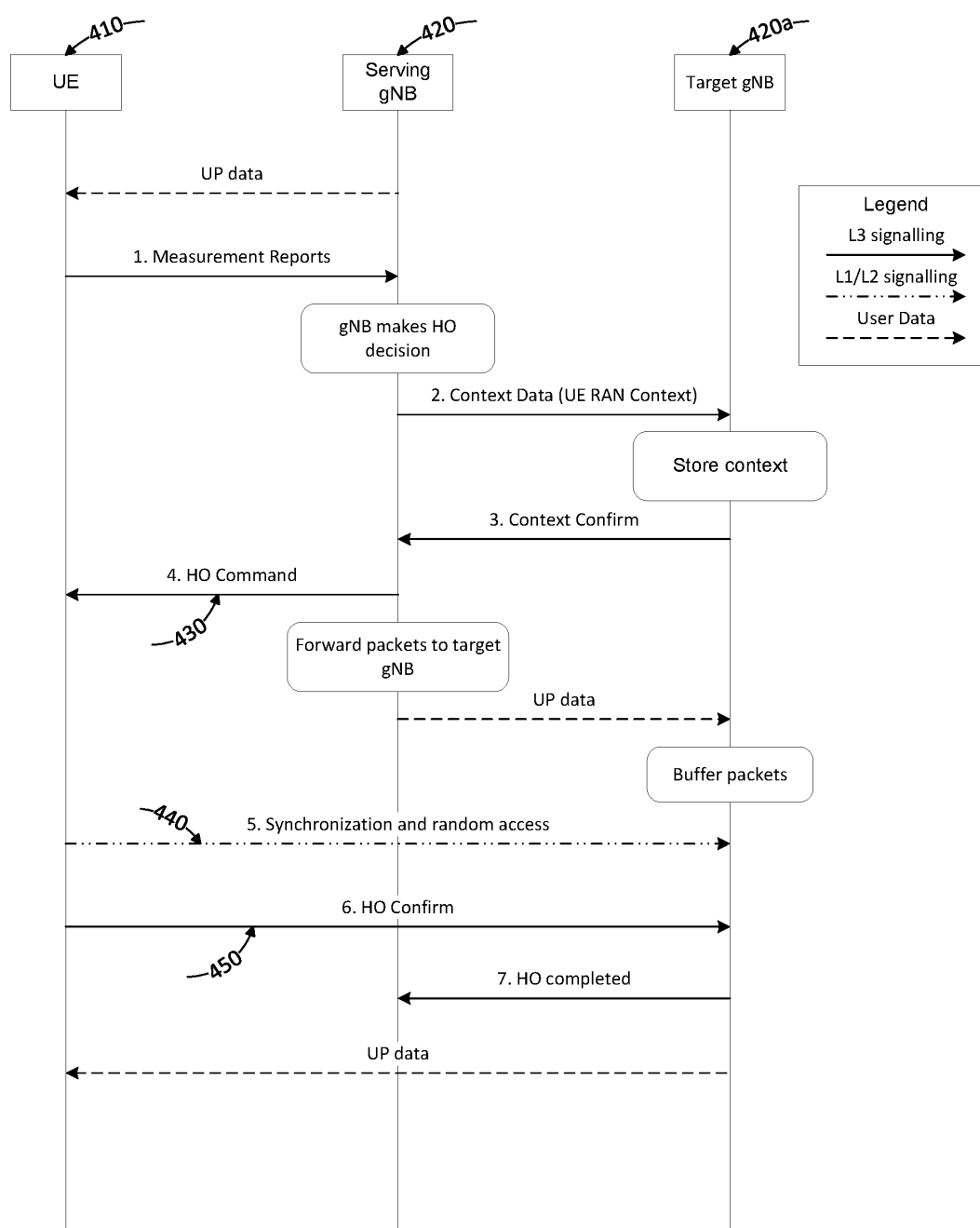
Images

Figure 4



EP3536025	A1	2019-09-11	EP3536025				
CN110115064	A	2019-08-09	CN110115064				
CO2019004594	A2	2019-07-31	CO2019004594				
IN201917017393	A	2019-07-12	IN201917017393				
BR112019008951	A2	2019-07-09	BR112019008951				
KR10-2019-0073557	A	2019-06-26	KR20190073557				
BR112019008951	A1	2019-05-14	BR112019008951				
AR110116	A1	2019-02-27	AR-110116				
WO2018/083649	A1	2018-05-11	WO201883649				

Abstract

(EP3536025)

In accordance with particular embodiments, there is disclosed herein a method performed by a wireless device for handover. The method comprises receiving a first handover message (615) from a source network node associated with a source cell. The first handover message comprises an identification of a target cell and access information associated with the target cell. The target cell is different than the source cell and comprises one or more beams. The method also includes identifying at least one beam (620) from among the one or more beams of the target cell. The at least one beam is identified based on the identification of the target cell and the access information from the first handover message. The method further includes accessing the target cell (625) using the identified at least one beam.

Inventors

PEISA JANNE

DA SILVA ICARO L J

Latest standardized assignees - inventors removed

ERICSSON

Family 3/20 - FAMPAT - ©Questel

Title

(WO202087371)

Apparatus and mechanism to improve mobility robustness in wireless network

Images

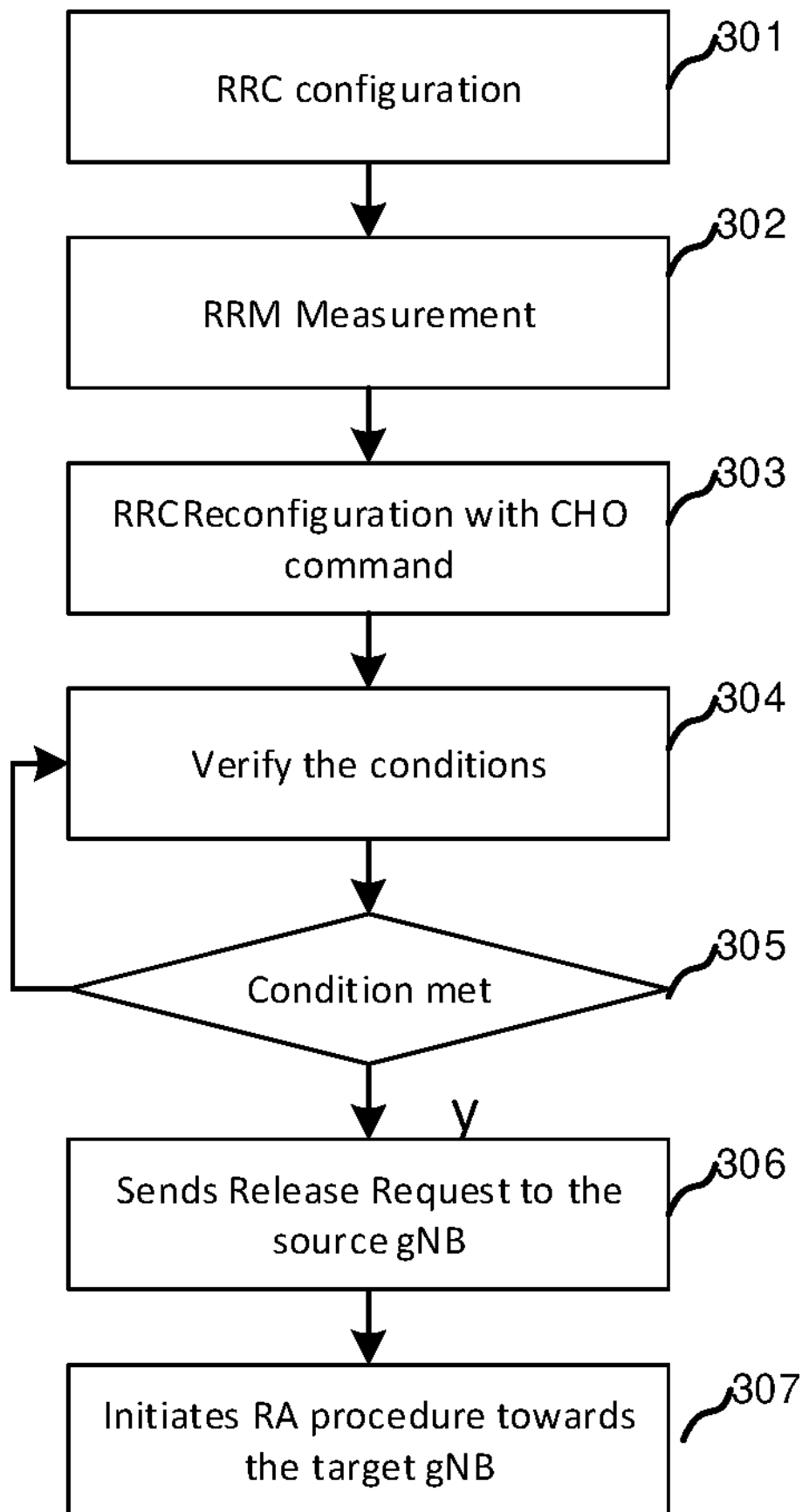
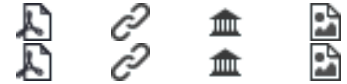


Fig.3

Publication numbers with kind code & date

WO2020/087371	A1	2020-05-07	WO202087371
WO2020/088569	A1	2020-05-07	WO202088569

**Abstract**

(WO2020/087371)

These disclosed embodiments describe a method for a UE and network to perform normal HO and conditional HO. In one novel aspect, if one type of HO command, e. g. conditional HO command is received, UE begins to verify the conditions of the candidate cell (s). If the condition for at least one candidate cell is met, UE considers this candidate cell as the target cell to perform handover. Then UE sends the HO start indication message to the source cell indicating that UE will detach from the source cell and initiate the random access procedure towards the target cell. From the network side, the source gNB determine whether to perform normal HO or conditional HO. If conditional HO is performed, the source gNB receives one or more HO request ACK from one or more candidate gNBs. Then the source gNB generate the conditional HO considering the information received from the one or more candidate gNBs. In one embodiment, the SN status transfer procedure is initiated upon reception of the SN status transfer request from one of the candidate gNB; in one embodiment, the SN status transfer procedure is initiated upon reception of the HO start indication message from the UE side.

Inventors

ZHANG YUANYUAN

TSENG LI-CHUAN

LIU YUNG-HSIANG

Latest standardized assignees - inventors removed

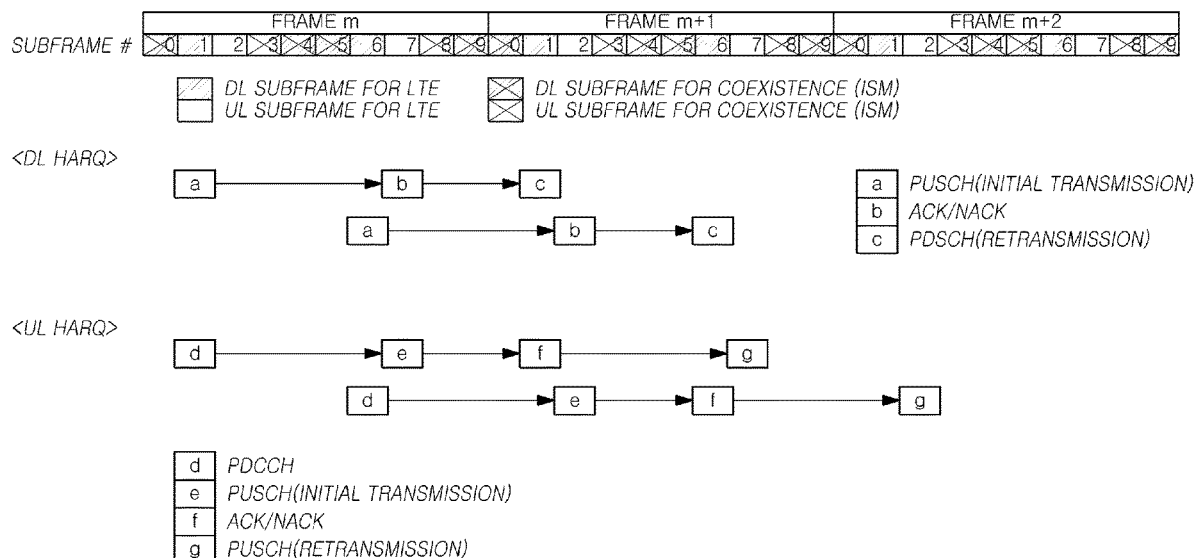
MEDIATEK SINGAPORE

Family 4/20 - FAMPAT - ©Questel

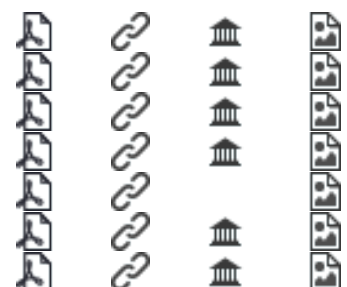
Title

(EP2695435)

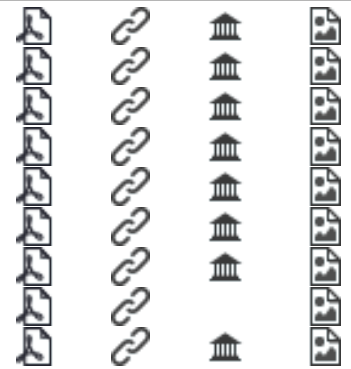
Handover apparatus and method for avoiding in-device coexistence interference

Images**Publication numbers with kind code & date**

US20200112901	A1	2020-04-09	US20200112901
US10512014	B2	2019-12-17	US10512014
US20180295551	A1	2018-10-11	US20180295551
US9986481	B2	2018-05-29	US9986481
KR101832261	B1	2018-02-27	KR101832261
CN103583064	B	2018-01-16	CN103583064B
US20170111837	A1	2017-04-20	US20170111837



US9532287	B2	2016-12-27	US9532287
EP2695435	A4	2015-04-22	EP2695435
JP2014514827	A	2014-06-19	JP2014514827
CN103583064	A	2014-02-12	CN103583064
EP2695435	A2	2014-02-12	EP2695435
US20140022972	A1	2014-01-23	US20140022972
WO2012/134178	A3	2013-01-03	WO2012134178
KR20120111818	A	2012-10-11	KR20120111818
WO2012/134178	A2	2012-10-04	WO2012134178

**Abstract**

(EP2695435)

The present disclosure relates to a handover apparatus and method capable of avoiding in-device coexistence interference. In order to prevent handover failure due to in-device coexistence interference, an SeNB provides TDM information (including TDM pattern information or TDM activation information) to a UE during a handover procedure, and the UE performs the handover with a TeNB according to the provided TDM information. By the disclosure, the UE can perform ISM signal transmission/reception and LTE signal transmission/reception with the TeNB in a discriminated manner according to a particular TDM pattern, so as to prevent handover failure due to the in-UE coexistence interference.

Inventors

AHN JAE HYUN

KWON KIBUM

JUNG MYUNG CHEUL

Latest standardized assignees - inventors removed

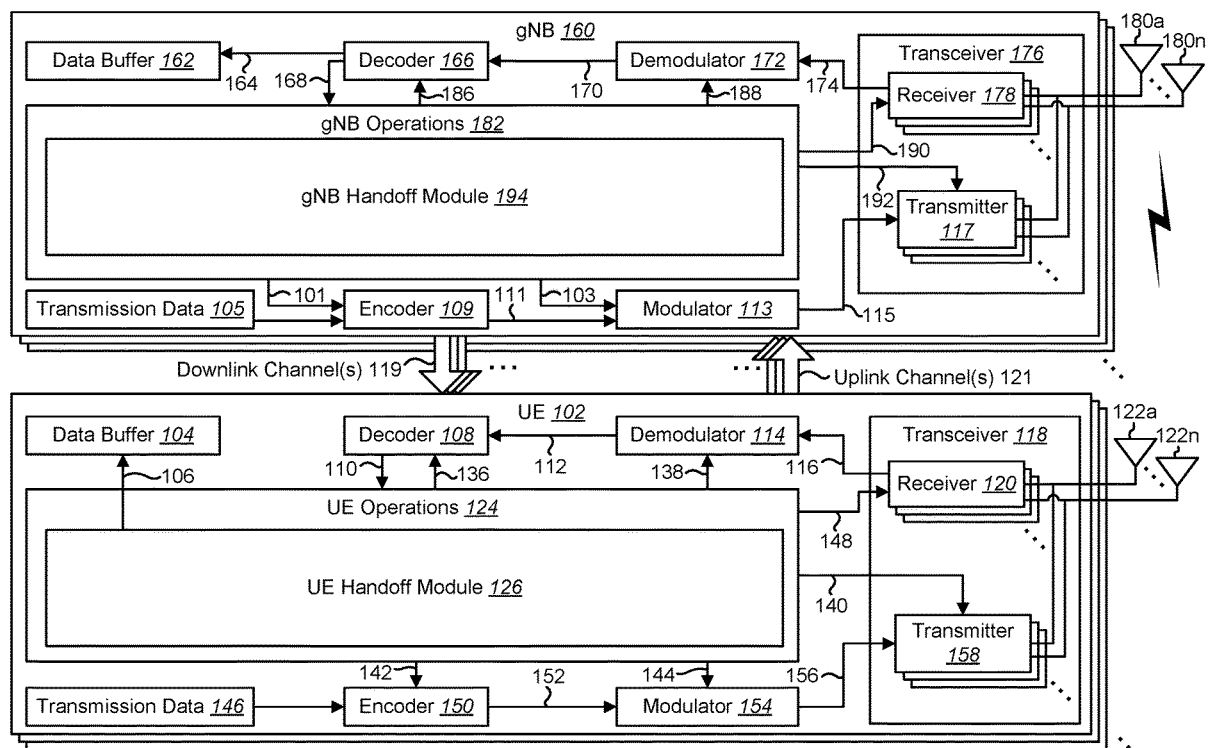
APPLE

Family 5/20 - FAMPAT - ©Questel

Title

(US10694444)

UE-based expedited handoff

Images**Publication numbers with kind code & date**

US10694444

B2 2020-06-23

US10694444



[US20180192347](#)

A1 2018-07-05

US20180192347

**Abstract**

(US20180192347)

A 5G new radio (NR) user equipment (UE) is described. The UE includes a processor and memory in electronic communication with the processor. Instructions stored in the memory are executable to perform a UE-initiated handoff (HO) procedure after enablement from a base station (gNB). The UE-initiated HO procedure may include a PUSH mechanism in handoff. Alternatively, the UE-initiated handoff procedure comprises a PULL mechanism in handoff.

Inventors

Shaheen Kamel M.

Latest standardized assignees - inventors removed

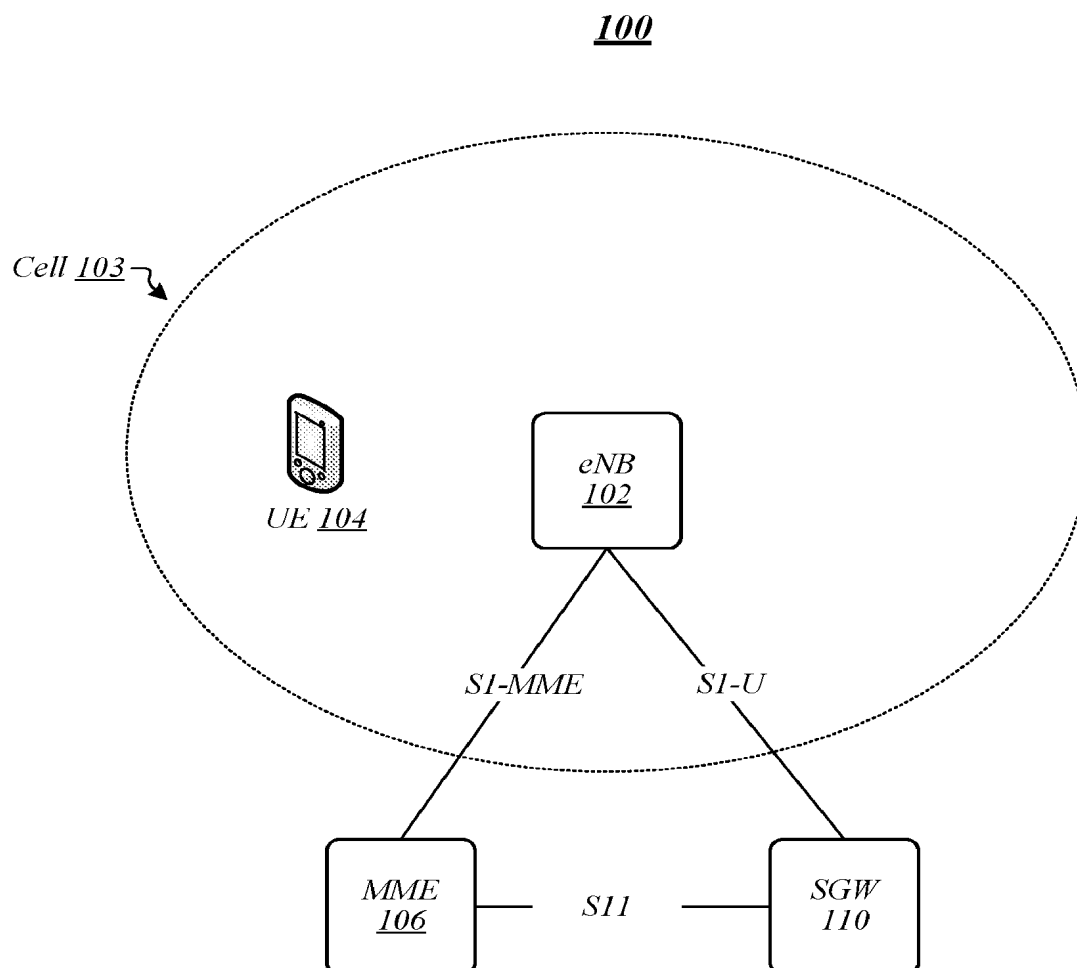
SHARP LABORATORIES OF AMERICA

Family 6/20 - FAMPAT - ©Questel

Title

(WO2017138988)

Systems, methods, and devices for reduced handover data interruption

Images**Publication numbers with kind code & date**[US20190075498](#)

A1 2019-03-07

US20190075498

[WO2017/138988](#)

A1 2017-08-17

WO2017138988

**Abstract**

(WO2017/138988)

User equipment (UE) handover (HO) techniques for reducing or eliminating interruption time during an HO process are described. In one embodiment, for example, an apparatus may include at least one memory and logic for an evolved node B (eNB), at least a portion of the logic comprised in hardware coupled to the at least one memory. The logic may be operative to forward downlink (DL) data received from a serving gateway (SGW) to user equipment (UE), transmit a handover command to the UE to trigger execution of a handover (HO) process to handover the UE to a target eNB, continue forwarding at least a portion of the DL data to the UE following transmission of the handover command, and terminate transmission of the DL data to the UE responsive to detecting a stop DL data event. Other embodiments are described and claimed.

Inventors

YIU CANDY

ZHANG YUJIAN

HEO YOUN HYOUNG

PALAT SUDEEP

FONG MO-HAN

Latest standardized assignees - inventors removed

INTEL

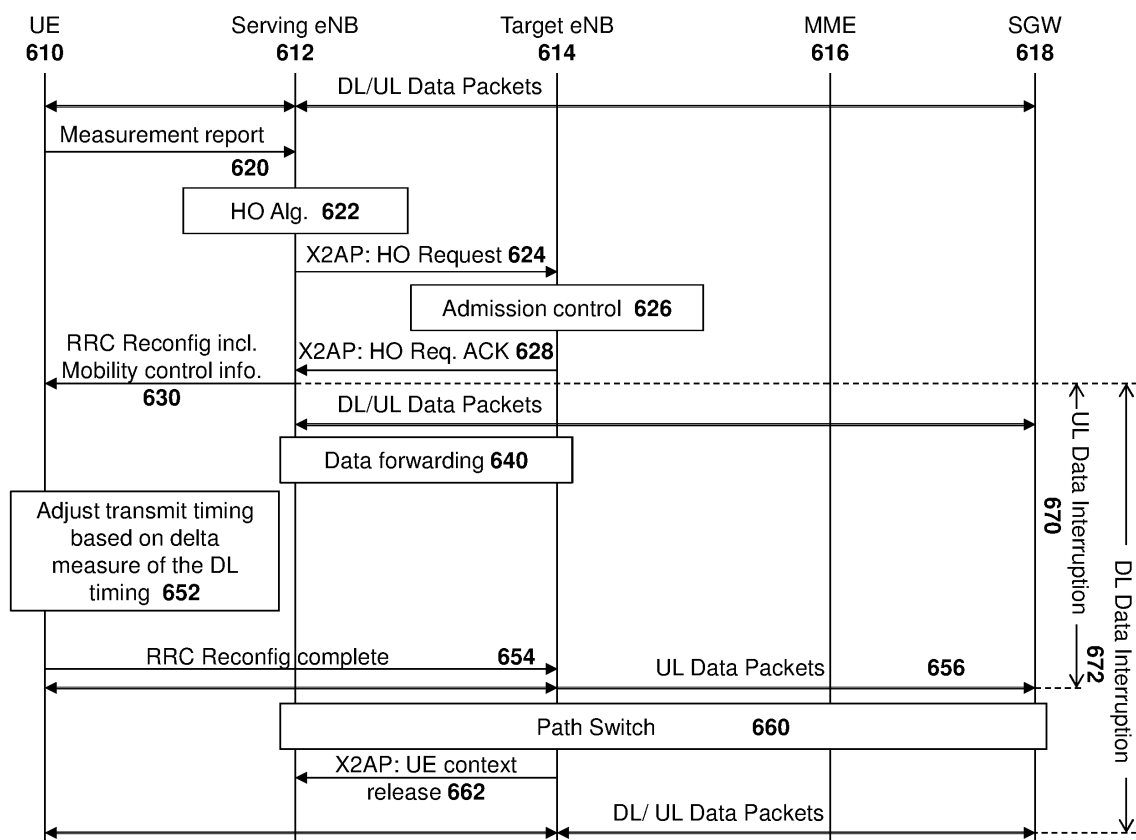
Family 7/20 - FAMPAT - ©Questel

Title

(EP3001888)

Handover in heterogeneous cellular networks

Images



Publication numbers with kind code & date

US10178596	B2	2019-01-08	US10178596
CN104782178	B	2018-08-28	CN104782178B
EP3001888	B1	2017-07-12	EP3001888
US20160219484	A1	2016-07-28	US20160219484



KR101637137	B1	2016-07-06	KR101637137				
EP3001888	A4	2016-06-08	EP3001888				
US9313698	B2	2016-04-12	US9313698				
EP3001888	A1	2016-04-06	EP3001888				
KR20150090024	A	2015-08-05	KR20150090024				
CN104782178	A	2015-07-15	CN104782178				
US20150105084	A1	2015-04-16	US20150105084				
WO2015/053923	A1	2015-04-16	WO201553923				

Abstract

(EP3001888)

A method at a user equipment for handover from a serving cell to a target cell, the method sending a measurement report to the serving cell; and transmitting a reconfiguration complete message to the target cell; wherein the measurement report includes downlink timing measurements for the target cell. Further, a method at a source network element for handover of a user equipment from the source network element to a target network element, the method receiving a measurement report from the user equipment; sending a handover request to the target network element; receiving a handover request acknowledgement from the target network element, the handover request acknowledgement including a reconfiguration message and at least one downlink subframe in which an uplink grant is expected at the target network element for the user equipment; and forwarding the reconfiguration message and at least one downlink subframe to the user equipment.

Inventors

BONTU CHANDRA SEKHAR

SONG YI

CAI ZHIJUN

Latest standardized assignees - inventors removed

BLACKBERRY

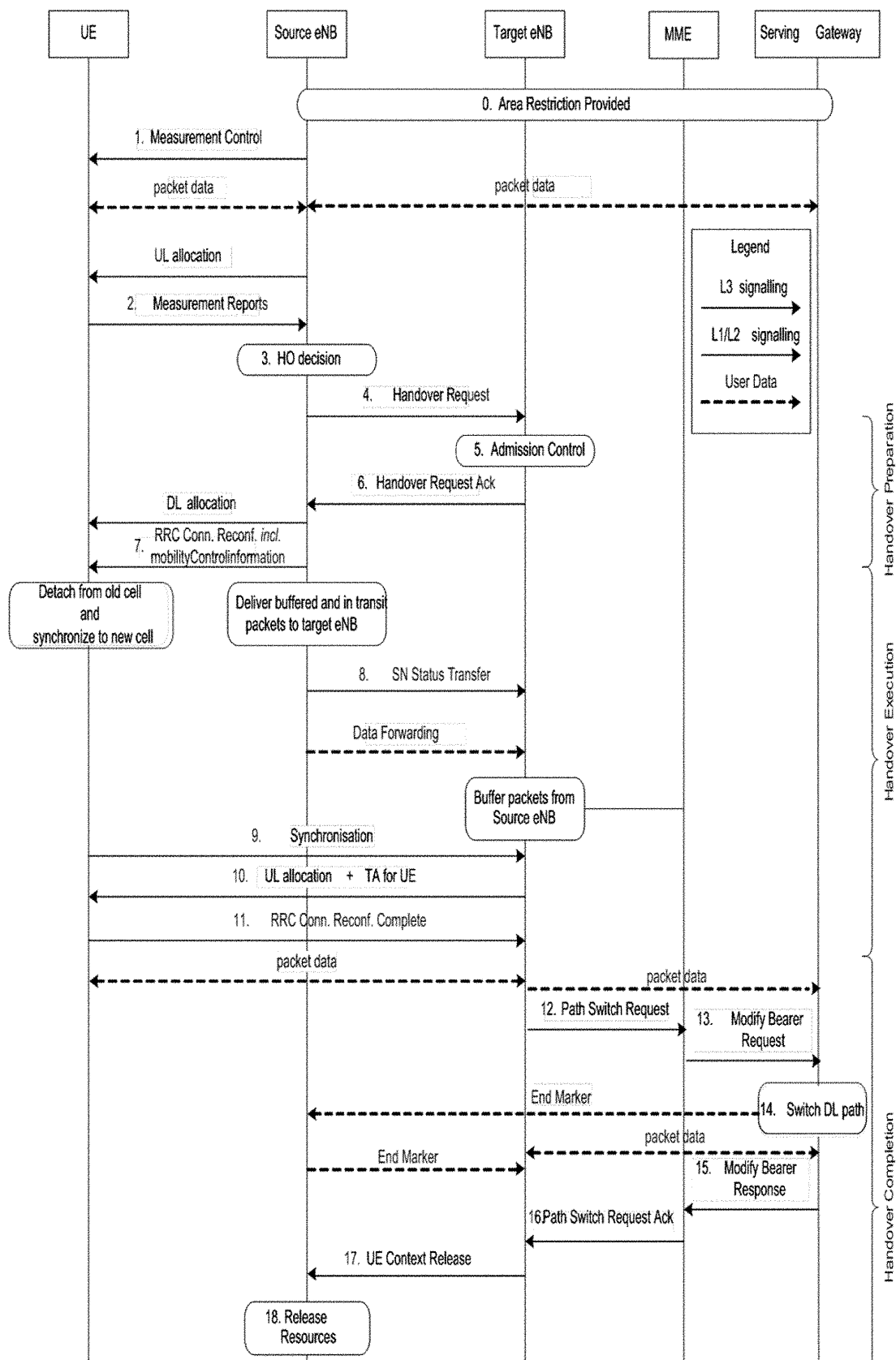
Family 8/20 - FAMPAT - ©Questel

Title

(EP3603183)

Wireless device, radio network node, and methods performed therein for handling communication in a wireless communication network

Images

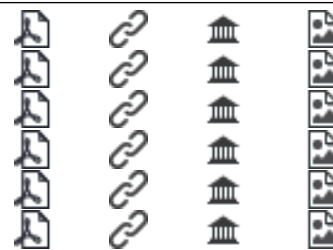


Publication numbers with kind code & date

US20200084089	A1	2020-03-12	US20200084089
EP3603183	A1	2020-02-05	EP3603183
EP3603192	A1	2020-02-05	EP3603192
EP3603192	A4	2020-02-05	EP3603192
US20190320355	A1	2019-10-17	US20190320355
IN201947037530	A	2019-09-27	IN201947037530



IN201947037535	A	2019-09-27	IN201947037535
CN110268741	A	2019-09-20	CN110268741
CN110226343	A	2019-09-10	CN110226343
WO2018/174800	A8	2019-05-02	WO2018174800
WO2018/174800	A1	2018-09-27	WO2018174800
WO2018/174801	A1	2018-09-27	WO2018174801



Abstract

(EP3603183)

Some embodiments herein relate to a method performed by a wireless device for handling communication of the wireless device in a wireless communication network, wherein the wireless device is served by a radio network node (12). The wireless device performs a beam tracking of one or more beams for a set of detected neighbour cells for tracking one or more best beams of respective neighbour cell based on measured signal strength or measured signal quality. The wireless device further receives an indication from the radio network node (12), wherein the indication indicates a target cell for the wireless device. When the target cell is in the set of detected neighbour cells, the wireless device (10) further initiates a random access procedure associated with a best target beam for the target cell, wherein the best target beam is selected based on the beam tracking performed prior to receiving the indication.

Inventors

DA SILVA ICARO L J

Latest standardized assignees - inventors removed

ERICSSON

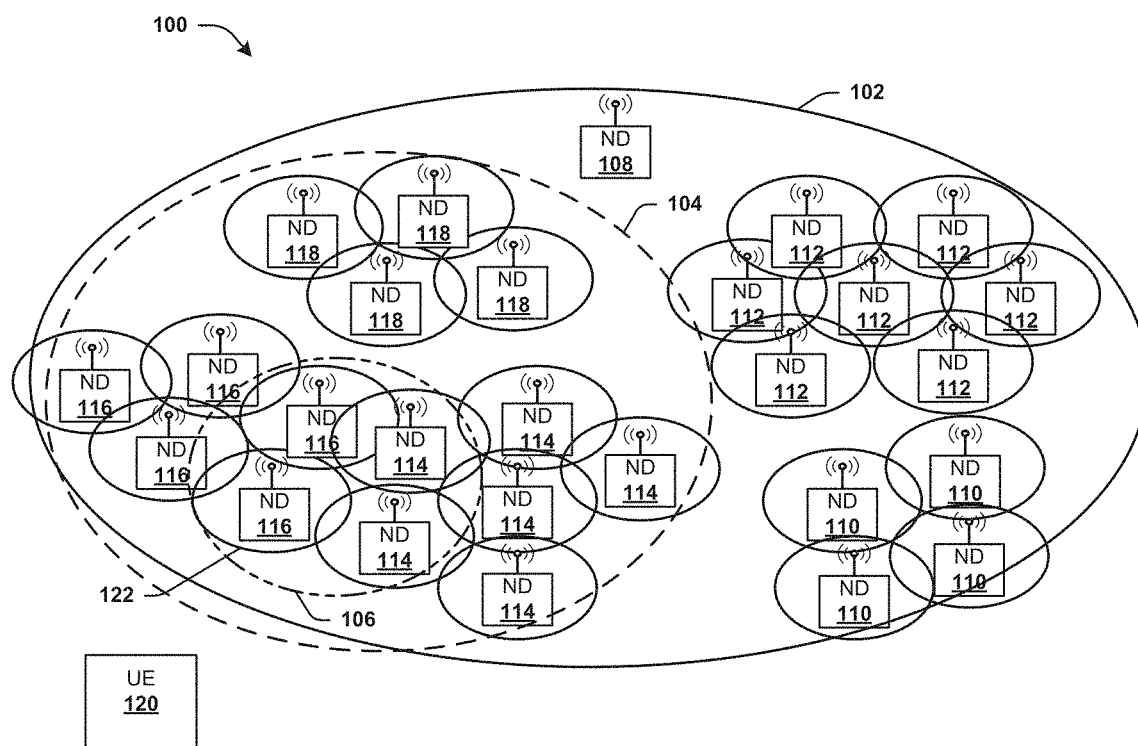
Family 9/20 - FAMPAT - ©Questel

Title

(EP3202188)

Mobile communication in macro-cell assisted small cell networks

Images



Publication numbers with kind code & date

US10271252	B2	2019-04-23	US10271252
JP6386168	B2	2018-09-05	JP6386168
EP3202188	A4	2018-04-11	EP3202188



BR112017003647	A2	2017-12-05	BR112017003647				
US20170311217	A1	2017-10-26	US20170311217				
JP2017527217	A	2017-09-14	JP2017527217				
EP3202188	A1	2017-08-09	EP3202188				
CN107005932	A	2017-08-01	CN107005932				
IN201747005910	A	2017-04-21	IN201747005910				
KR20170042305	A	2017-04-18	KR20170042305				
TWI578839	B	2017-04-11	TWI578839				
BR112017003647	A1	2017-03-07	BR112017003647				
TW201622475	A	2016-06-16	TW201622475				
WO2016/053426	A1	2016-04-07	WO201653426				

Abstract

(EP3202188)

A User Equipment (UE) device operates to directly determine a target small cell for access or handover with the assistance of a macro cell network. The UE directly generates the connection and selects which small cell to access from among a subset of small cells chosen of a set of candidate small cells. The UE is provided dedicated assistance information from the evolved node B (eNB) or macro network device. The dedicated assistance information enables the UE to measure data from the candidate small cells within a heterogeneous network environment. The UE shares the measured data and connects directly to the selected small cell for an access or handover operation.

Inventors

JUNG HYEJUNG

YIU CANDY

LI QINGHUA

ZONG PINGPING

HEO YOUN HYOUNG

ZHANG YUJIAN

FONG MO-HAN

BHORKAR ABHIJEET

Latest standardized assignees - inventors removed

INTEL

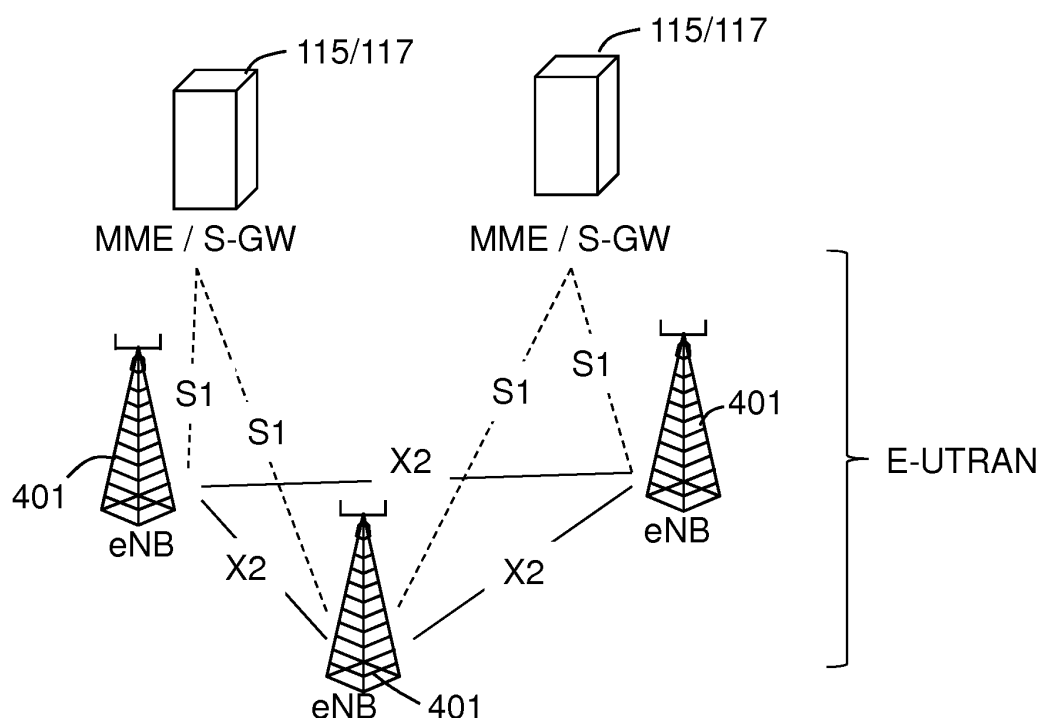
Family 10/20 - FAMPAT - ©Questel

Title

(EP3247151)

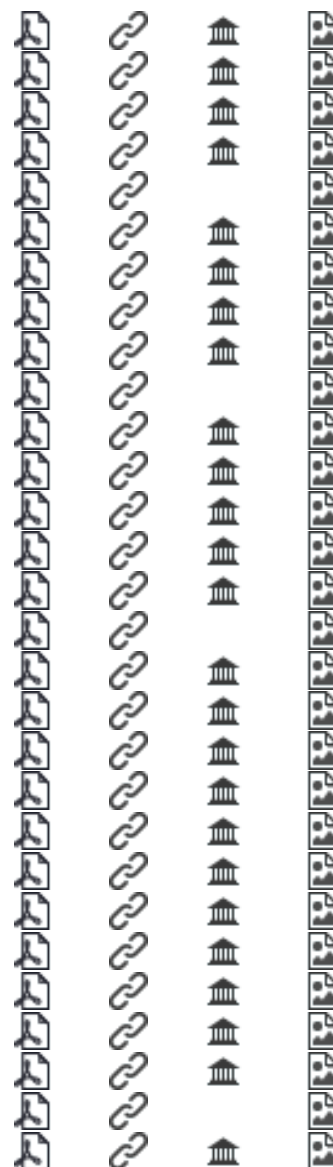
Node and method for enabling a wireless terminal to be served by multiple cells in a communications network

Images



Publication numbers with kind code & date

EP3668181	A1	2020-06-17	EP3668181
EP3220685	B1	2020-05-27	EP3220685
CN110062430	A	2019-07-26	CN110062430
CN104509167	B	2019-04-05	CN104509167B
RU2018100107	A	2019-02-20	RU2018100107
EP3429270	A1	2019-01-16	EP3429270
EP3340680	A1	2018-06-27	EP3340680
EP3337235	A1	2018-06-20	EP3337235
JP6321643	B2	2018-05-09	JP6321643
RU2642831	C1	2018-01-29	RU2642831
EP3247151	A1	2017-11-22	EP3247151
EP3220685	A1	2017-09-20	EP3220685
EP2880908	B1	2017-04-19	EP2880908
EP2880909	B1	2017-04-05	EP2880909
EP2880910	B1	2017-04-05	EP2880910
MX345527	B	2017-02-03	MX-345527
US9510248	B2	2016-11-29	US9510248
EP2880911	B1	2016-11-16	EP2880911
US9479973	B2	2016-10-25	US9479973
US9462513	B2	2016-10-04	US9462513
IN0507/KOLNP/2015	A	2015-12-18	IN2015KN00507
JP2015530019	A	2015-10-08	JP2015530019
EP2880908	A2	2015-06-10	EP2880908
EP2880909	A2	2015-06-10	EP2880909
EP2880910	A2	2015-06-10	EP2880910
EP2880911	A2	2015-06-10	EP2880911
CN104509167	A	2015-04-08	CN104509167
MX2015001289	A	2015-04-08	MX2015001289
US20140293958	A1	2014-10-02	US20140293958



US20140293958	A1	2014-10-02	US20140293958				
US20140206361	A1	2014-07-24	US20140206361				
WO2014/021761	A3	2014-04-24	WO201421761				
WO2014/021763	A3	2014-04-24	WO201421763				
WO2014/021764	A3	2014-04-24	WO201421764				
WO2014/021765	A3	2014-04-24	WO201421765				
US20140092866	A1	2014-04-03	US20140092866				
US20140080484	A1	2014-03-20	US20140080484				
WO2014/021761	A2	2014-02-06	WO201421761				
WO2014/021763	A2	2014-02-06	WO201421763				
WO2014/021764	A2	2014-02-06	WO201421764				
WO2014/021765	A2	2014-02-06	WO201421765				

Abstract

(EP3247151)

Example embodiments presented herein are directed towards a wireless terminal and base station, and corresponding methods therein, for providing a handover for a subset of bearers associated with the wireless terminal. The subset of bearers is less than a total number of bearers associated with the wireless terminal. Thus, upon the completion of the handover procedure, at least one bearer will stay connected with a source base station.

Inventors

TEYEB OUMER

CENTONZA ANGELO

WAGER STEFAN

JOHANSSON NIKLAS

GUNNARSSON FREDRIK

WALLENTIN PONTUS

Latest standardized assignees - inventors removed

ERICSSON

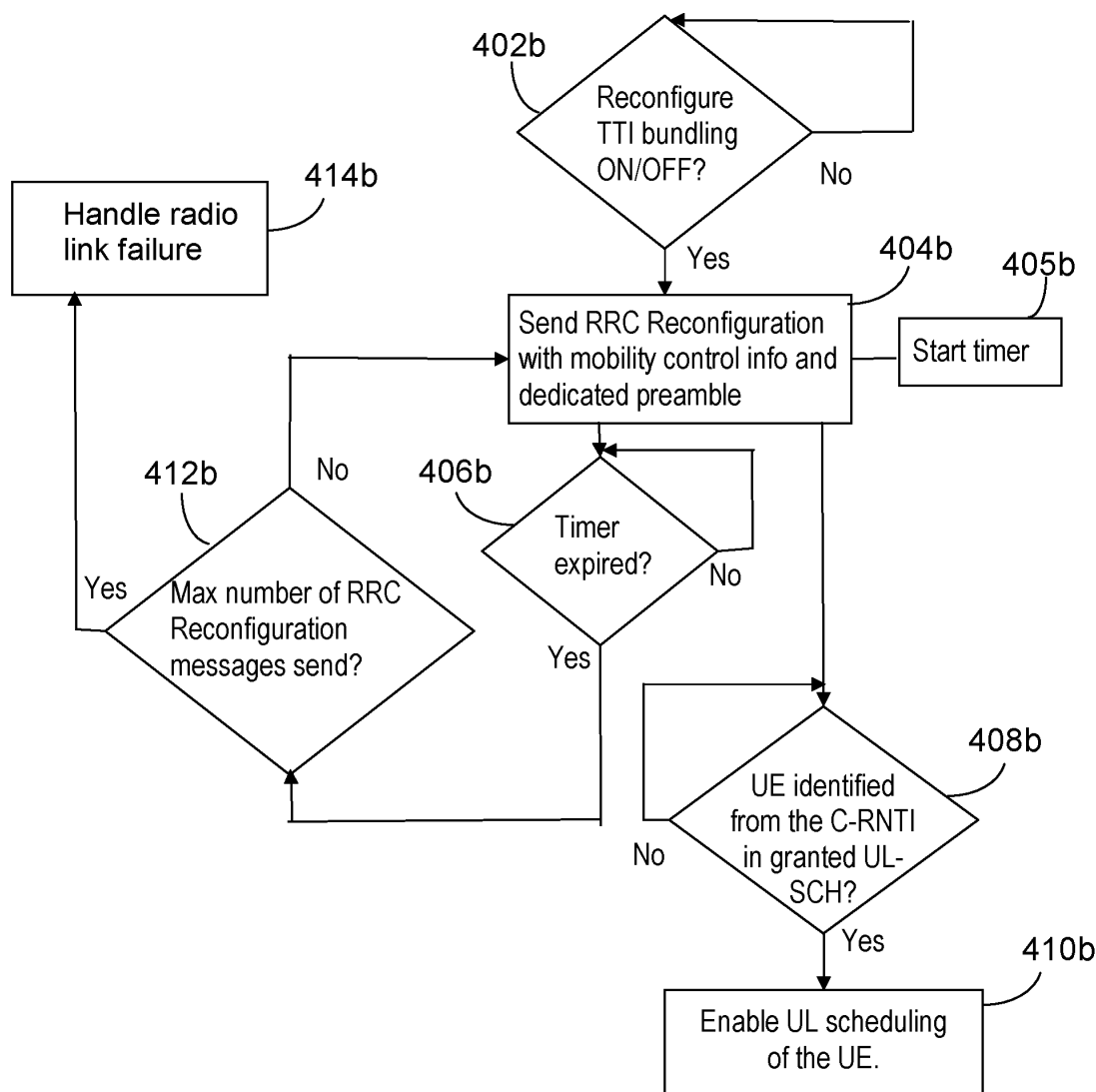
Family 11/20 - FAMPAT - ©Questel

Title

(EP2805557)

Support of switching tti bundling on/off

Images



Publication numbers with kind code & date

RU2014133743	A	2016-03-20	RU2014133743
IN3541/DELNP/2014	A	2015-02-13	IN2014DN03541
EP2805557	A1	2014-11-26	EP2805557
US20140334448	A1	2014-11-13	US20140334448
CN103999531	A	2014-08-20	CN103999531
WO2013/109177	A1	2013-07-25	WO2013109177



Abstract

(EP2805557)

Network Node, NN, (500, 202, 302) and User Equipment, UE, (700, 201, 301) and methods therein, for changing a state of transmission time interval, TTI, Bundling. The method in a NN involves determining whether a transmission time interval, TTI, Bundling setting of the UE should be changed from one state to the other of a state ON and a state OFF. When it is decided (402) that the TTI Bundling setting of the UE should be changed, a message is transmitted to the UE, indicating the decided change of TTI Bundling setting. Further, as a consequence of the decision to change the TTI Bundling setting, and in association with the transmission of the message, mobility control information is transmitted to the UE, indicating the cell A as target cell, in order to cause the UE to perform an intra-cell hand over procedure.

Inventors

LANGEREIS ALEXANDER
 SANDBERG DAVID
 TYNDERFELDT TOBIAS
 NORDSTRAND INGRID

Latest standardized assignees - inventors removed

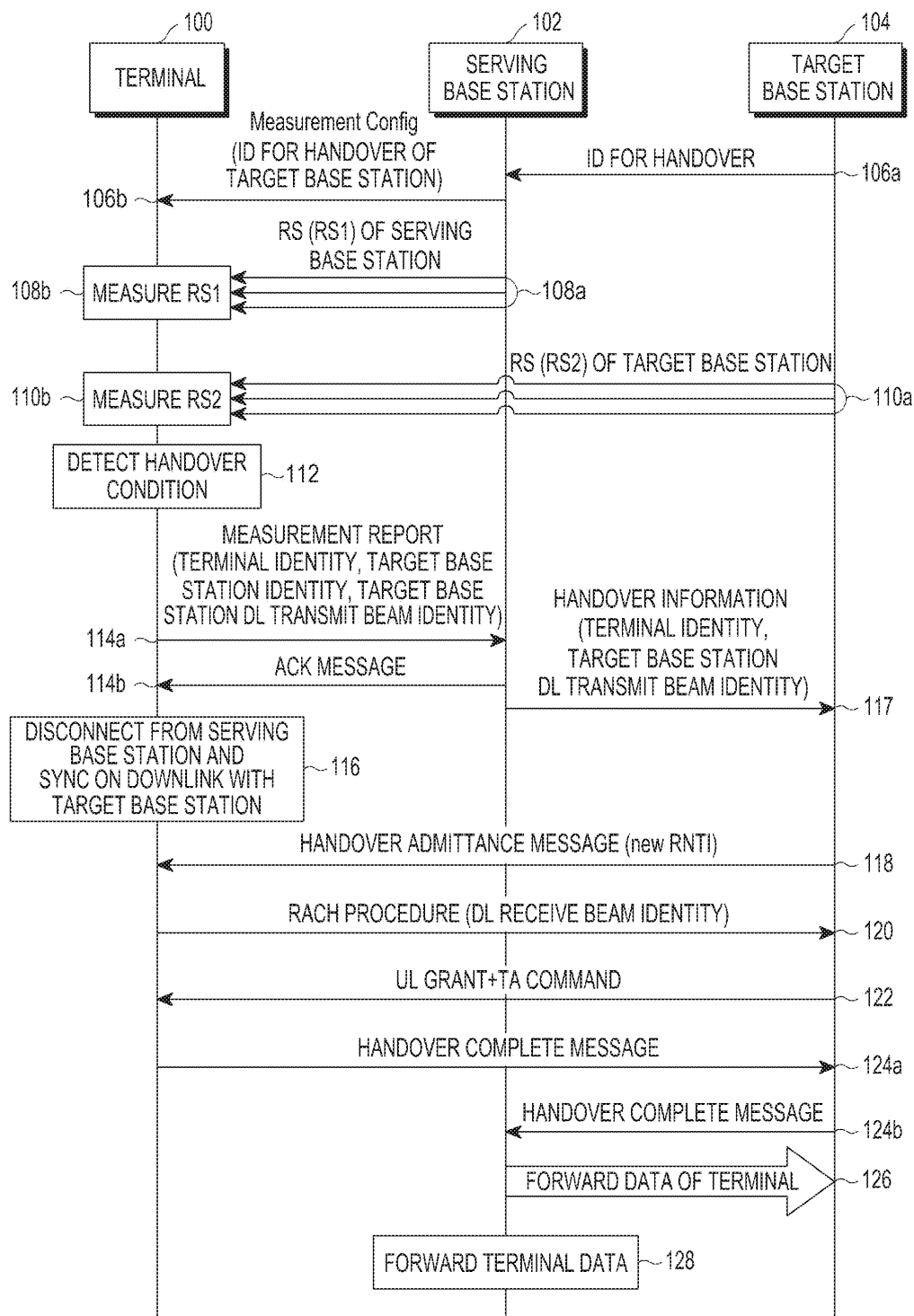
ERICSSON

Family 12/20 - FAMPAT - ©Questel

Title

(WO2016163786)

Method and apparatus for handover in wireless communication system using beamforming

Images**Publication numbers with kind code & date**

CN107667481	A	2018-02-06	CN107667481
IN201737039193	A	2017-12-08	IN201737039193
US20170215117	A1	2017-07-27	US20170215117
KR20160120250	A	2016-10-17	KR20160120250



WO2016/163786

A1

2016-10-13

WO2016163786

**Abstract**

(WO2016/163786)

The present disclosure relates to a method for a terminal for handover in a communication system using beamforming, the method comprising the steps of: receiving handover information from a serving base station; measuring, on the basis of beam scanning, a first reference signal transmitted from the serving base station and a second reference signal transmitted from a target base station; if the result of the measurement satisfies handover conditions, transmitting the result of the measurement to the serving base station; and receiving, on the basis of the handover information, a handover permission message from the target base station.

Inventors

KWON SANG-WOOK

BAEK SANG-KYU

CHANG YOUNG-BIN

KANG HYUN-JEONG

Latest standardized assignees - inventors removed

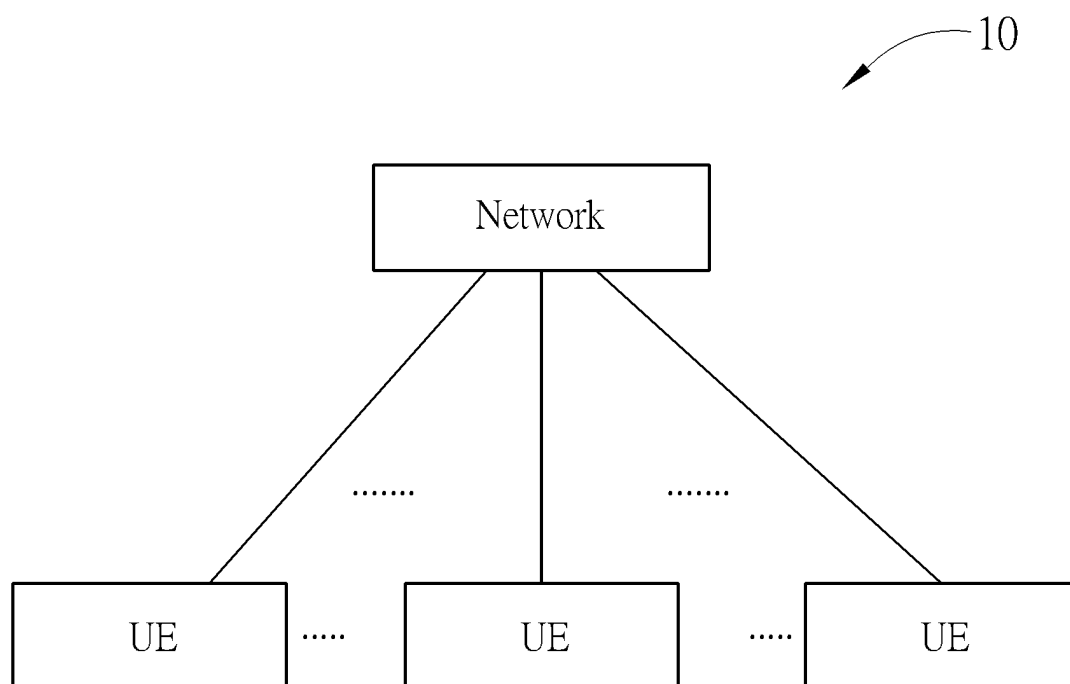
SAMSUNG ELECTRONICS

Family 13/20 - FAMPAT - ©Questel

Title

(EP2863681)

Method of handling handover for dual connectivity communication device and communication device thereof

Images**Publication numbers with kind code & date**

CN104581843

B

2018-07-03

CN104581843B

EP2863681

B1

2017-08-23

EP2863681

US9560556

B2

2017-01-31

US9560556

US20160227448

A1

2016-08-04

US20160227448

US9338711

B2

2016-05-10

US9338711



[CN104581843](#)

A

2015-04-29

CN104581843

[US20150111580](#)

A1

2015-04-23

US20150111580

[EP2863681](#)

A1

2015-04-22

EP2863681

**Abstract**

(EP2863681)

A method of handling handover for a network of a wireless communication system, wherein a user equipment (UE) is connected to at least one first cell of a master base station and at least one second cell of a secondary base station of the network, includes when the master base station decides to hand over the UE to a target master base station of the network, transmitting, by the master base station, a first message to the secondary base station to instruct the secondary base station to release the at least one second cell.

Inventors

WU CHIH-HSIANG

Latest standardized assignees - inventors removed

HTC

Family 14/20 - FAMPAT - ©Questel

Title

(EP3619948)

Network node indicating beam for handover to a wireless device

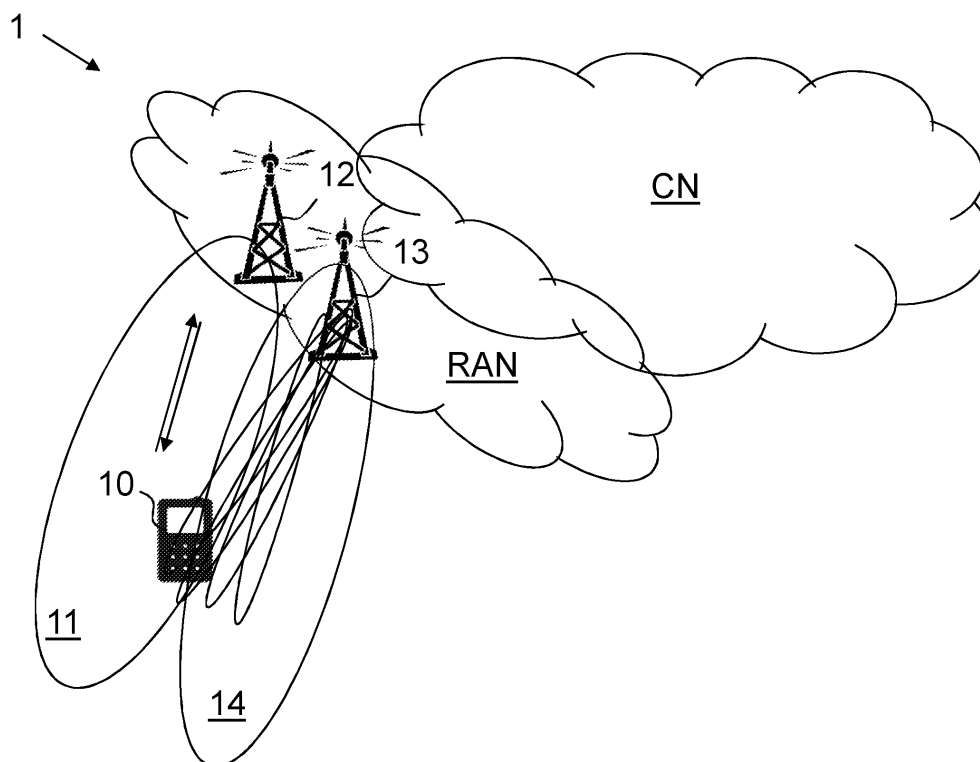
Images

Fig. 9a

Publication numbers with kind code & date[EP3619948](#)

A1

2020-03-11

EP3619948

[CN110574427](#)

A

2019-12-13

CN110574427

[IN201947044306](#)

A

2019-11-08

IN201947044306

[WO2018/203816](#)

A1

2018-11-08

WO2018203816



Abstract

(EP3619948)

Some embodiments herein relate to a method performed by a wireless device (10) for handling communication of the wireless device (10) in a wireless communication network (1), wherein a first radio network node serves the wireless device (10) and the wireless communication network (1) further comprises a second radio network node (13). The wireless device receives a handover command from the first radio network node (12) indicating a handover to a cell served by the second radio network node (13), the handover command comprises a beam indication, such as a threshold, controlling which beam of the cell to select by the wireless device (10). The wireless device (10) further selects a beam of the cell based on at least the beam indication.

Inventors

FAN RUI

DA SILVA ICARO L J

PEISA JANNE

RAMACHANDRA PRADEEPA

Latest standardized assignees - inventors removed

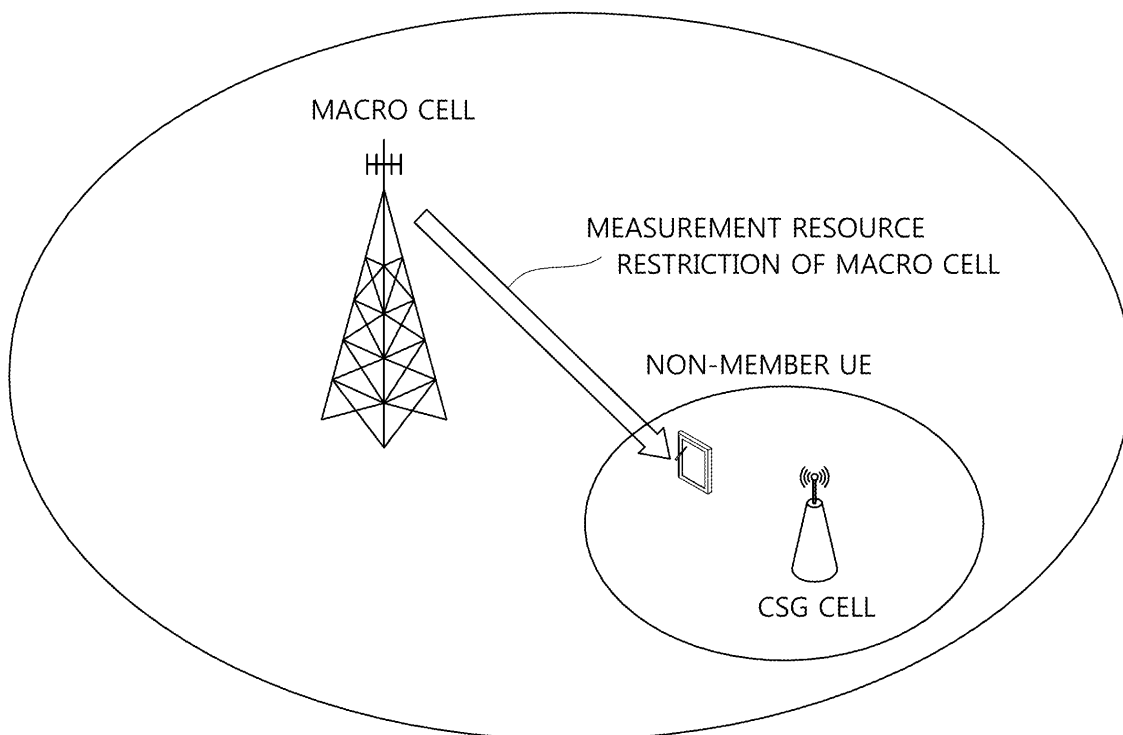
ERICSSON

Family 15/20 - FAMPAT - ©Questel

Title

(WO201260655)

Method for performing handover in wireless communication system

Images**Publication numbers with kind code & date**

CN105682162	B	2019-04-09	CN105682162B
DE112011103680	B4	2018-05-17	DE112011103680
US9603073	B2	2017-03-21	US9603073
CN103202067	B	2016-08-10	CN103202067B
CN105682162	A	2016-06-15	CN105682162
JP5809284	B2	2015-09-18	JP5809284
GB2520204	B	2015-07-15	GB2520204



GB2520204	A	2015-05-13	GB2520204				
GB2498898	B	2015-04-15	GB2498898				
GB201501972	D0	2015-03-25	GB201501972				
KR101505762	B1	2015-03-24	KR101505762				
JP2013545396	A	2013-12-19	JP2013545396				
KR20130105669	A	2013-09-25	KR20130105669				
US20130223409	A1	2013-08-29	US20130223409				
DE112011103680	T5	2013-08-01	DE112011103680				
GB2498898	A	2013-07-31	GB2498898				
CN103202067	A	2013-07-10	CN103202067				
GB201308764	D0	2013-06-26	GB201308764				
WO2012/060655	A3	2012-06-28	WO201260655				
WO2012/060655	A2	2012-05-10	WO201260655				

Abstract

(WO2012/060655)

Provided is a method for a user equipment performing a handover in a wireless communication system. The method comprises a step of receiving from a source cell a handover command message, which indicates the handover to a target cell, and a step of performing the handover to the target cell, wherein the handover command message includes information on a low-interference wireless resource to be used by the user equipment inside the target cell. The low-interference wireless resource can be a wireless resource which is operated by the source cell in order to mitigate inter-cell interference, when the source cell is an interfering cell and the target cell is an interfered cell.

Inventors

JUNG SUNG HOON

YI SEUNG JUNE

LEE YOUNG DAE

CHUN SUNG DUCK

PARK SUNG JUN

Latest standardized assignees - inventors removed

LG ELECTRONICS

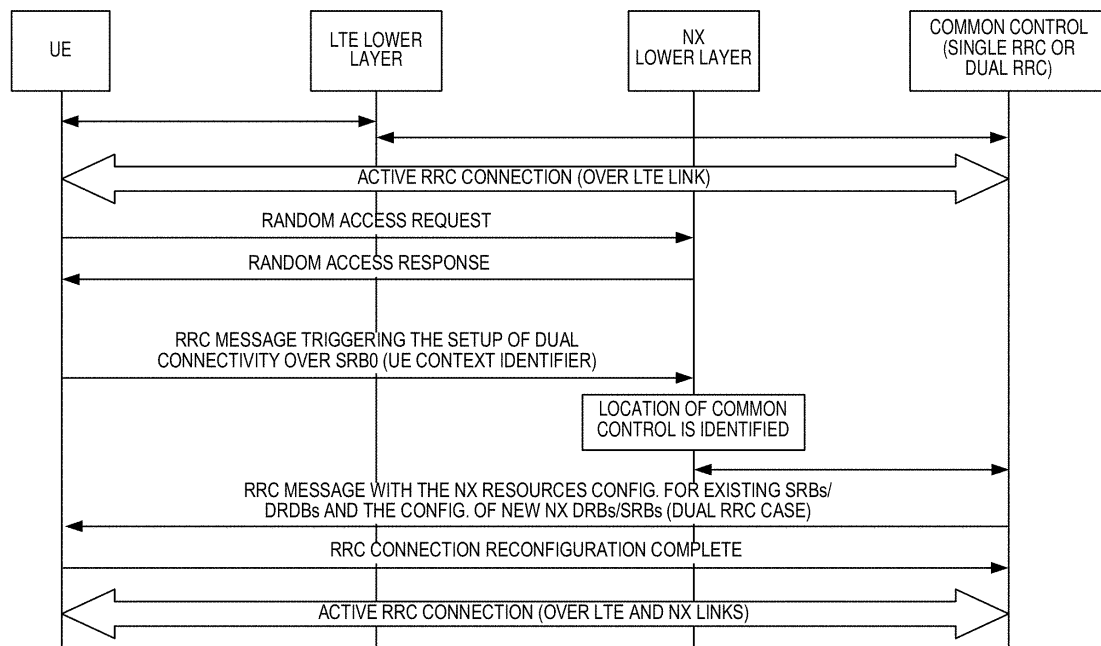
Family 16/20 - FAMPAT - ©Questel

Title

(EP3455952)

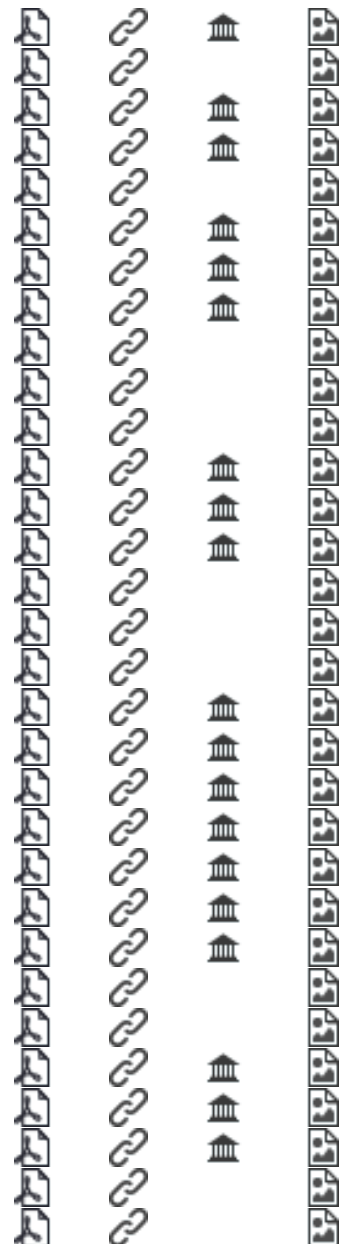
User equipment procedures to control uplink beamforming

Images



Publication numbers with kind code & date

EP3456083	B8	2020-06-17	EP3456083
KR10-2115809	B1	2020-05-27	KR102115809
AU2017262847	B2	2020-04-30	AU2017262847
EP3456083	B1	2020-03-18	EP3456083
ZA201807511	B	2020-02-26	ZA201807511
EP3456107	B1	2020-02-19	EP3456107
MA43614	B1	2020-01-31	MA--43614
US20200028745	A1	2020-01-23	US20200028745
ZA201806721	B	2019-12-18	ZA201806721
RU2699387	C1	2019-09-05	RU2699387
PH12018502331	A1	2019-09-02	PH12018502331
US10367677	B2	2019-07-30	US10367677
JP2019521567	A	2019-07-25	JP2019521567
JP2019519978	A	2019-07-11	JP2019519978
RU2019118801	A	2019-07-10	RU2019118801
RU2693848	C1	2019-07-05	RU2693848
PH12018502069	A1	2019-06-24	PH12018502069
US20190158345	A1	2019-05-23	US20190158345
CN109588064	A	2019-04-05	CN109588064
EP3455952	A1	2019-03-20	EP3455952
EP3456083	A1	2019-03-20	EP3456083
EP3456107	A1	2019-03-20	EP3456107
CN109417414	A	2019-03-01	CN109417414
IN201817044091	A	2019-03-01	IN201817044091
VN61905	A	2019-02-25	VN--61905
MX2018013592	A	2019-02-21	MX2018013592
BR112018073187	A2	2019-02-19	BR112018073187
BR112018073312	A2	2019-02-19	BR112018073312
CN109314552	A	2019-02-05	CN109314552
KR10-2019-0010864	A	2019-01-31	KR20190010864
KR10-2019-0007465	A	2019-01-22	KR20190007465



IN201847046544	A	2018-12-21	IN201847046544				
AU2017262847	A1	2018-11-29	AU2017262847				
BR112018073187	A1	2018-11-21	BR112018073187				
BR112018073312	A1	2018-11-21	BR112018073312				
SG11201808313R	A	2018-10-30	SG11201808313R				
US20180234153	A1	2018-08-16	US20180234153				
US20180227166	A1	2018-08-09	US20180227166				
CA3023879	A1	2017-11-16	CA3023879				
CA3024192	A1	2017-11-16	CA3024192				
US20170331670	A1	2017-11-16	US20170331670				
WO2017/196243	A1	2017-11-16	WO2017196243				
WO2017/196244	A1	2017-11-16	WO2017196244				
WO2017/196247	A1	2017-11-16	WO2017196247				
WO2017/196249	A1	2017-11-16	WO2017196249				

Abstract

(EP3455952)

In an aspect, a wireless device with a plurality of transmitter chains that can be selectively used to transmit a beam-formed signal determines a targeted receive power for the beam-formed signal, with respect to a target receiving device. The wireless device selects a number of the plurality of transmitter chains for forming the beam- formed signal, based on the targeted receive power and based on an estimated power consumption for each of the plurality of transmitter chains. The selection is performed so as to minimize a total power consumption, given the estimated power consumptions. The wireless device transmits a beam-formed signal, using the selected number of the plurality of transmitter chains.

Inventors

PALENIUS TORGNY

KARIPIDIS ELEFThERIOS

HESSLER MARTIN

BALDEMAIR ROBERT

SEMAAN ELIANE

LINCOLN BO

Latest standardized assignees - inventors removed

ERICSSON

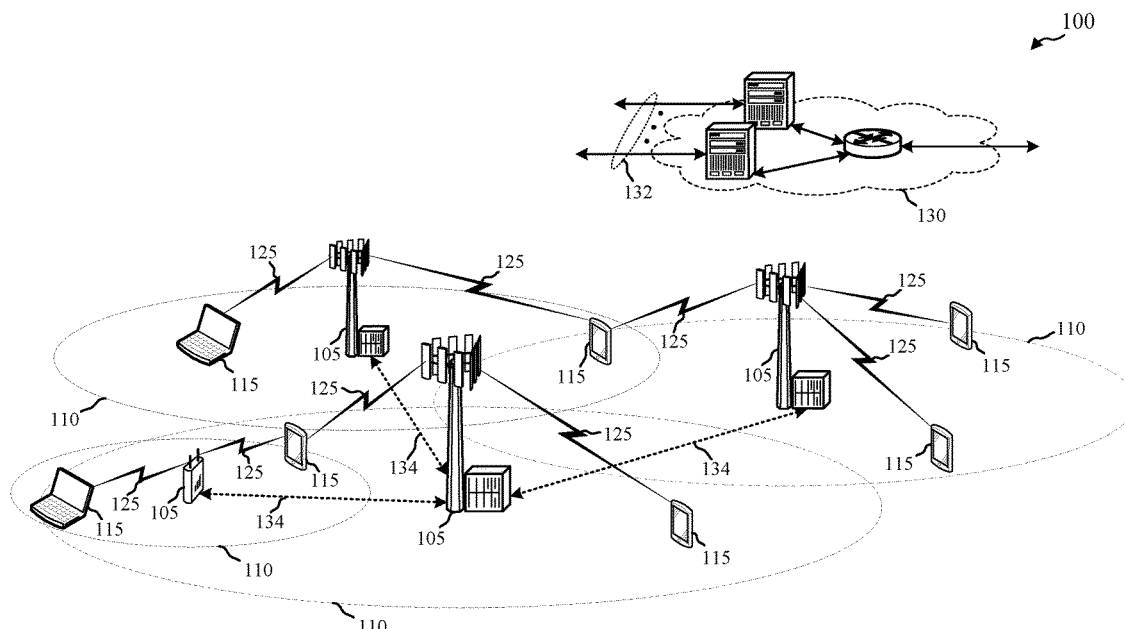
Family 17/20 - FAMPAT - ©Questel

Title

(EP3443774)

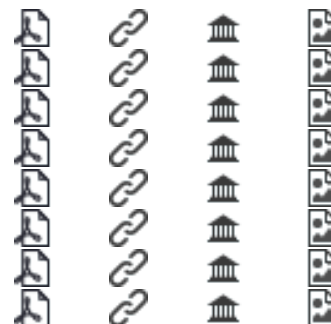
Migration of local gateway function in cellular networks

Images



Publication numbers with kind code & date

EP3443774	A1	2019-02-20	EP3443774
BR112018070986	A2	2019-01-29	BR112018070986
CN109076407	A	2018-12-21	CN109076407
BR112018070986	A1	2018-10-23	BR112018070986
AU2017249014	A1	2018-09-13	AU2017249014
IN201847031966	A	2018-09-07	IN201847031966
US20170303169	A1	2017-10-19	US20170303169
WO2017/180262	A1	2017-10-19	WO2017180262



Abstract

(EP3443774)

Methods, systems, and devices for wireless communication are described. A user equipment (UE) may establish a packet data network (PDN)-connectivity session to a PDN using a cellular radio access technology (RAT) and migrate the PDN-connectivity session from a source access node (AN) to a target AN. Migration may initiate when a decision to perform a handover is made. The target AN may receive a network address and information about a first data radio link established between the UE and source AN. The target AN may establish a second data radio link with the UE based at least in part on the first data radio link information, and may transmit, to the PDN, a path update including the network address and an updated path via the target AN. In some cases, the target AN may forward packets between the UE and the PDN via the second data radio link.

Inventors

HAMPEL KARL GEORG
 PARK VINCENT DOUGLAS
 CHENG HONG
 HORN GAVIN BERNARD

Latest standardized assignees - inventors removed

QUALCOMM

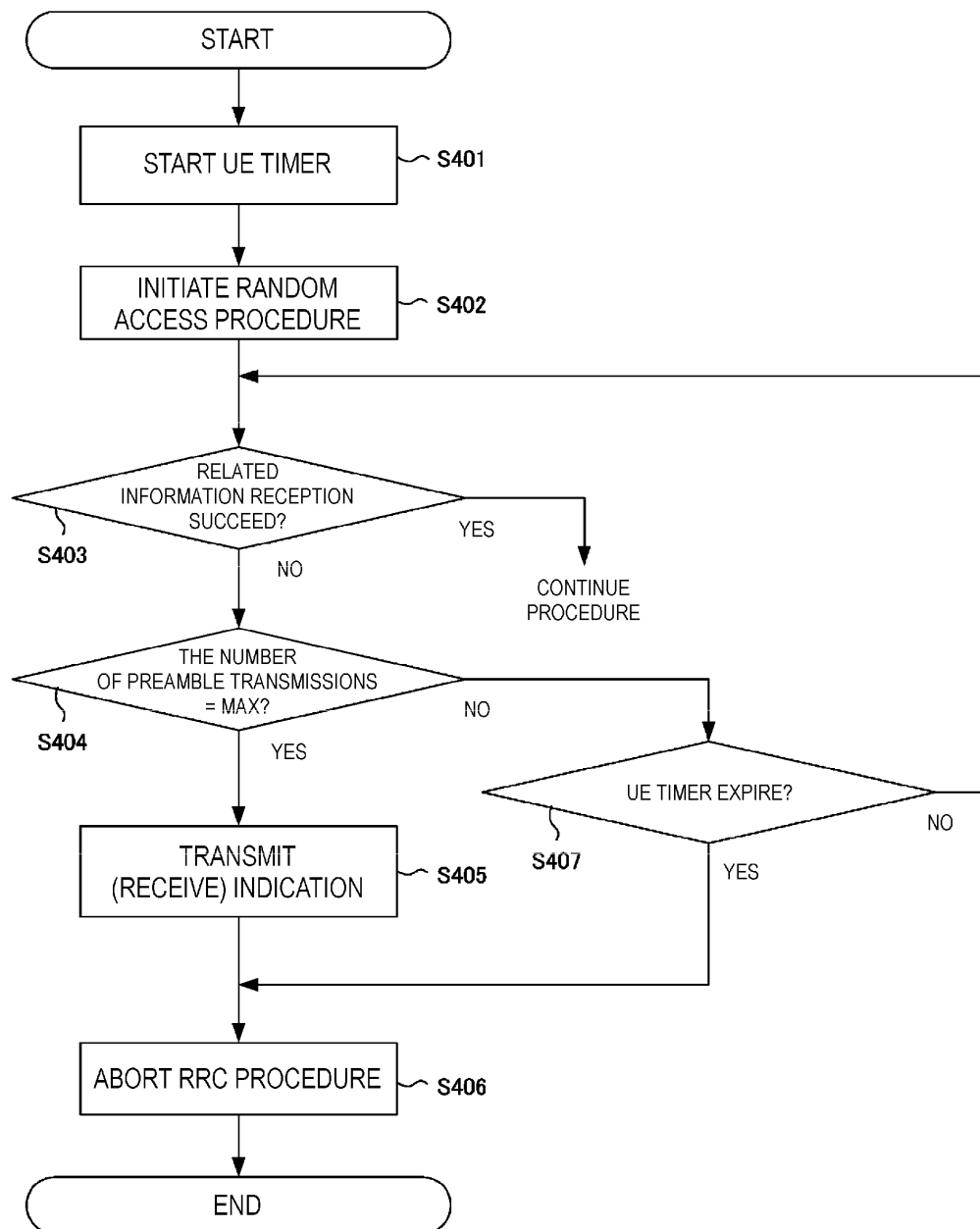
Family 18/20 - FAMPAT - ©Questel

Title

(EP3277044)

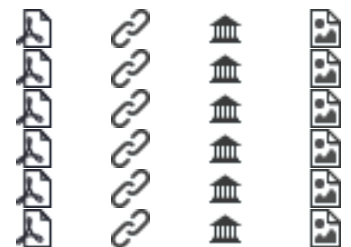
Terminal device, base station device, communication method, and integrated circuit

Images



Publication numbers with kind code & date

EP3277044	A4	2018-10-10	EP3277044
JP2018085545	A	2018-05-31	JP2018085545
US20180070403	A1	2018-03-08	US20180070403
EP3277044	A1	2018-01-31	EP3277044
CN107409420	A	2017-11-28	CN107409420
WO2016/153025	A1	2016-09-29	WO2016153025



Abstract

(EP3277044)

Provided is technology relating to: a terminal device, a base station device, a communication system, a communication method, and an integrated circuit capable of efficiently performing a radio resource control procedure. The terminal device is provided with a first sublayer and a second sublayer that is a lower sublayer than the first sublayer. The first sublayer creates an RRC message corresponding to an RRC procedure and starts a timer relating to the RRC procedure on the basis of coverage level information. The second sublayer executes a random access procedure relating to the RRC procedure on a serving cell, determines the coverage level information in the random access procedure, and selects a

random access preamble group on the basis of the determined coverage level information.

Inventors

UEMURA KATSUNARI

YAMADA SHOHEI

KATO YASUYUKI

TSUBOI HIDEKAZU

Latest standardized assignees - inventors removed

SHARP

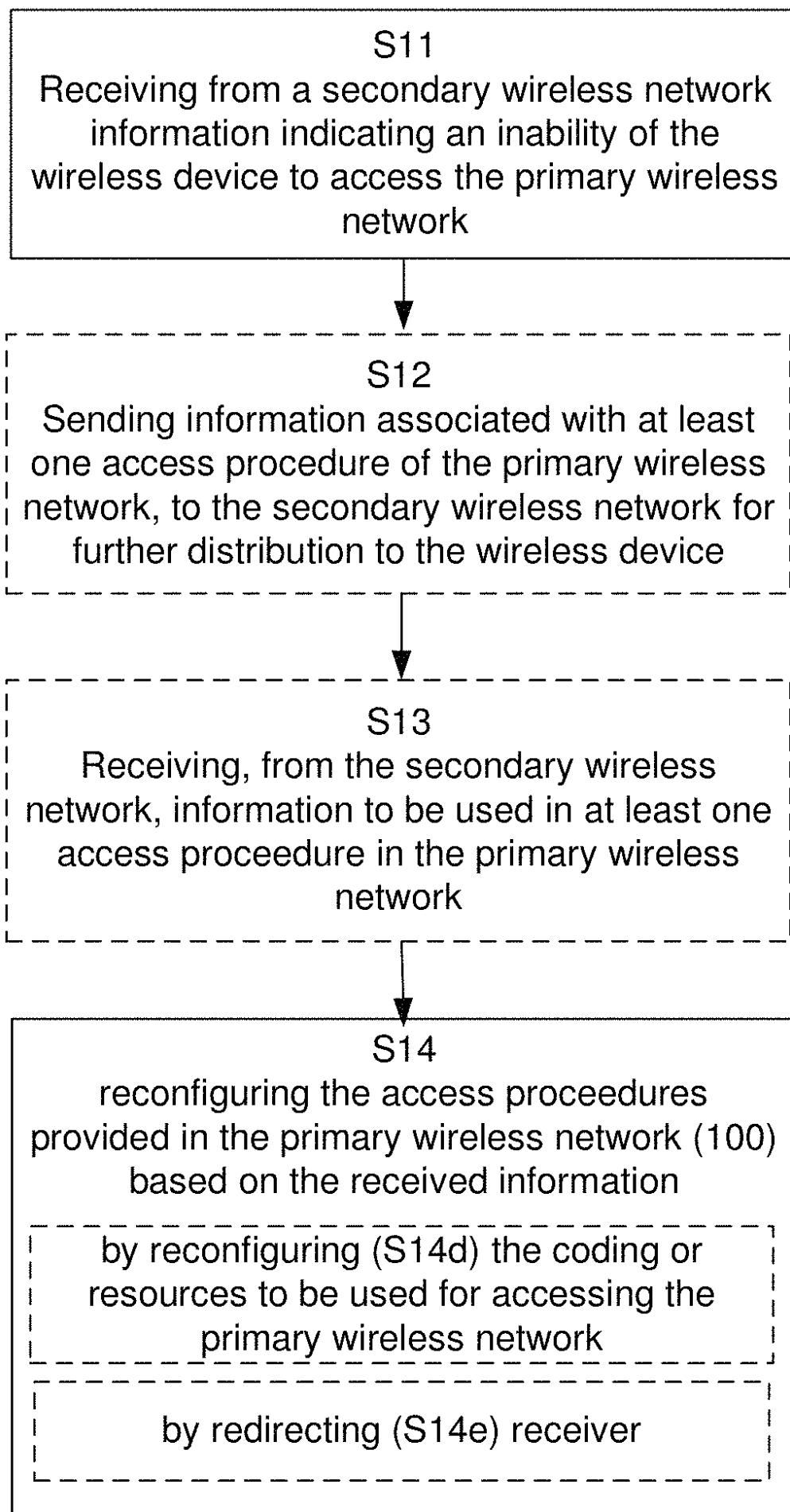
Family 19/20 - FAMPAT - ©Questel

Title

(EP3585103)

Network access through a second wireless network

Images



Publication numbers with kind code & date

US20200196228	A1	2020-06-18	US20200196228				
HUE046867	T2	2020-04-28	HUE046867				
ES2751384	T3	2020-03-31	ES2751384				
US10575247	B2	2020-02-25	US10575247				
PL3085161	T3	2020-01-31	PL3085161				
EP3585103	A1	2019-12-25	EP3585103				
EP3585104	A1	2019-12-25	EP3585104				
DK3085161	T3	2019-11-04	DK3085161T				
PT3085161	T	2019-11-04	PT3085161T				
US10455490	B2	2019-10-22	US10455490				
EP3085161	B1	2019-09-18	EP3085161				
CN105981446	B	2019-05-31	CN105981446B				
MX361838	B	2018-12-18	MX-361838				
US20180359693	A1	2018-12-13	US20180359693				
EP3085161	A1	2016-10-26	EP3085161				
MX2016008000	A	2016-10-21	MX2016008000				
CN105981446	A	2016-09-28	CN105981446				
US20160269986	A1	2016-09-15	US20160269986				
WO2015/094047	A1	2015-06-25	WO201594047				

Abstract

(EP3585103)

The proposed technology relates to accessing wireless networks and in particular it relates to utilizing a second wireless network for enabling a wireless device, being unable to access a first wireless network, to access a first wireless network. One aspect of the proposed technology relates to a method performed in a wireless device being unable to access a first wireless network. The method comprises accessing a second wireless network and sending information indicating an inability to access the first wireless network to the second wireless network, for further distribution to the first wireless network. Thereby, the proposed method enables the first wireless network to reconfigure at least one access procedure parameter in the first wireless network in order to improve the conditions for the wireless device when accessing the first wireless network. The method further comprises accessing the first wireless network utilizing at least one reconfigured access procedure.

Inventors

BERGSTRÖM ANDREAS

NORDSTRÖM ERIC

SCHLIWA-BERTLING PAUL

HESSLER MARTIN

Latest standardized assignees - inventors removed

GUANGDONG OPPO MOBILE TELECOMMUNICATIONS

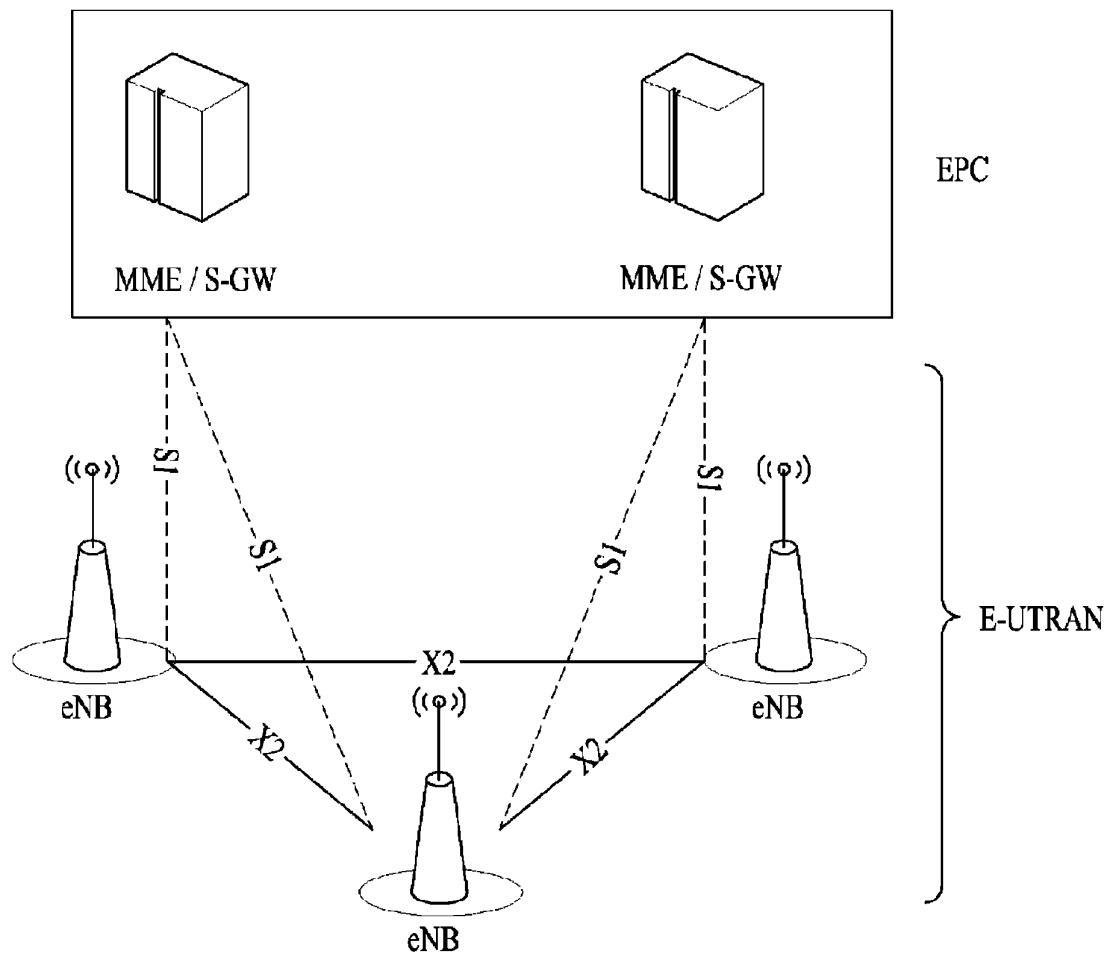
Family 20/20 - FAMPAT - ©Questel

Title

(US8797935)

Method of performing random access in mobile communication system and apparatus for the same

Images



Publication numbers with kind code & date

[US8797935](#)

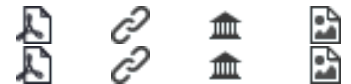
B2 2014-08-05

US8797935

[US20110194478](#)

A1 2011-08-11

US20110194478



Abstract

(US20110194478)

A method of performing a random access in a mobile communication system and an apparatus for the same are disclosed. The method of performing a random access includes transmitting a random access preamble to a network node and receiving a random access response from the network node, wherein the random access response is received through a first subframe if the random access preamble is a dedicated preamble, and the random access response is received through a second subframe which is different from the first subframe if the random access preamble is a non-dedicated preamble.

Inventors

LEE YOUNG DAE

JUNG SUNG HOON

YI SEUNG JUNE

CHUN SUNG DUCK

PARK SUNG JUN

Latest standardized assignees - inventors removed

LG ELECTRONICS