

10 Documents

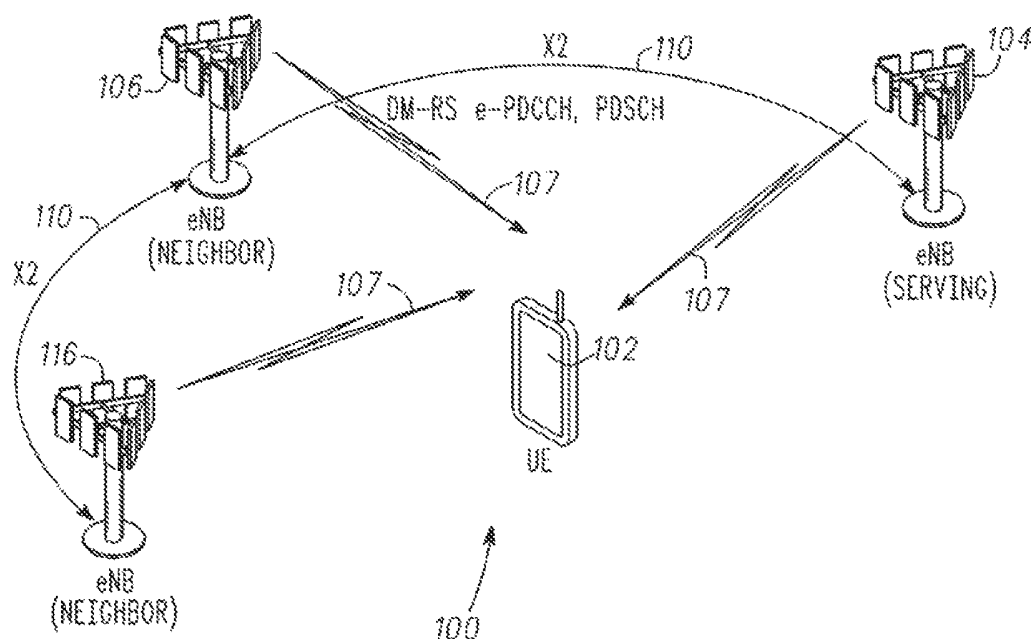
Publication numbers	Title	Current assignees
NL2011259 A	Periodic channel state information reporting for coordinated multipoint (comp) systems	INTEL
WO2015111908 A1	Method for transmitting synchronization signal and synchronization channel in wireless communication system supporting device-to-device communication and apparatus for same	LG ELECTRONICS
CA2879206 A1	Communication of preferred power consumption configurations	INTEL
US20160080969 A1	Method and apparatus for performing device to device (d2d) content estimation and triggering of buffer status reporting (bsr) in a wireless communication system	INNOVATIVE SONIC
EP2928253 A1	Allocation of resources for concurrent device-to-device (d2d) communication sessions to a wireless device	INNOVATIVE SONIC
US20160081108 A1	Method and apparatus for requesting resources in a wireless communication system	INNOVATIVE SONIC
WO201734340 A1	Method for resource allocation in wireless communication system and apparatus therefor	LG ELECTRONICS
WO2017127015 A1	Systems and methods for multiplexing scheduling requests in unlicensed bands	ERICSSON
US20170215206 A1	Systems and Methods for Multiplexing Scheduling Requests in Unlicensed Bands	ERICSSON
WO201565113 A1	Method and apparatus for performing device-to-device communication in wireless communication system	LG ELECTRONICS, ...

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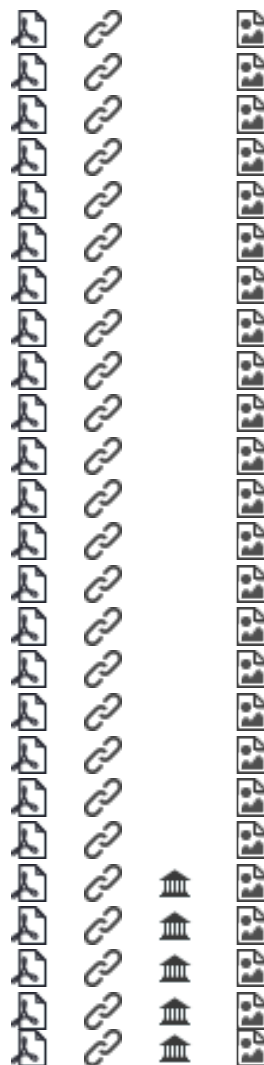
Title

(EP3223554)

Periodic channel state information reporting for coordinated multipoint (comp) systems

Images**Publication data including kind & date**

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**Abstract**

(EP3223554)

Technology for periodic channel state information (CSI) reporting in a coordinated multipoint (CoMP) scenario is disclosed. One method can include a user equipment (UE) generating a plurality of CSI reports for transmission in a subframe for a plurality of CSI processes. Each CSI report can correspond to a CSI process with a CSIProcessIndex. The UE can drop CSI reports corresponding to CSI processes except a CSI process with a lowest CSIProcessIndex. The UE can transmit at least one CSI report for the CSI process to an evolved Node B (eNB).

Inventors

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Latest standardized assignees - inventors removed

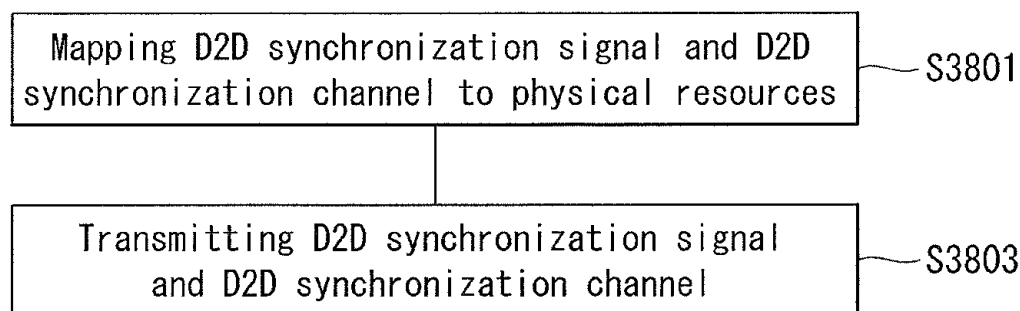
INTEL

Family 2/10 - FAMPAT - ©Questel

Title

(EP3099123)

Method for transmitting synchronization signal and synchronization channel in wireless communication system supporting device-to-device communication and apparatus for same

Images**Publication data including kind & date**

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[US9893855](#)

B2 2018-02-13 US9893855

[US2018159672](#)

A1 2018-06-07 US20180159672

**Abstract**

(EP3099123)

The present invention discloses a method for transmitting a synchronization signal and a synchronization channel in a wireless communication system supporting Device-to-Device (D2D) communication; and an apparatus for the method. More specifically, a method for transmitting a D2D synchronization signal and a D2D synchronization channel in a wireless communication system supporting D2D communication comprises mapping the D2D synchronization signal and the D2D synchronization channel to a physical resource; and transmitting the mapped D2D synchronization signal and D2D synchronization channel to a UE, wherein the D2D synchronization signal is mapped to 64 subcarriers in the frequency domain, and the D2D synchronization channel is mapped to the same resource block as the D2D synchronization signal.

Inventors

KIM HAKSEONG

SEO HANBYUL

Latest standardized assignees - inventors removed

LG ELECTRONICS

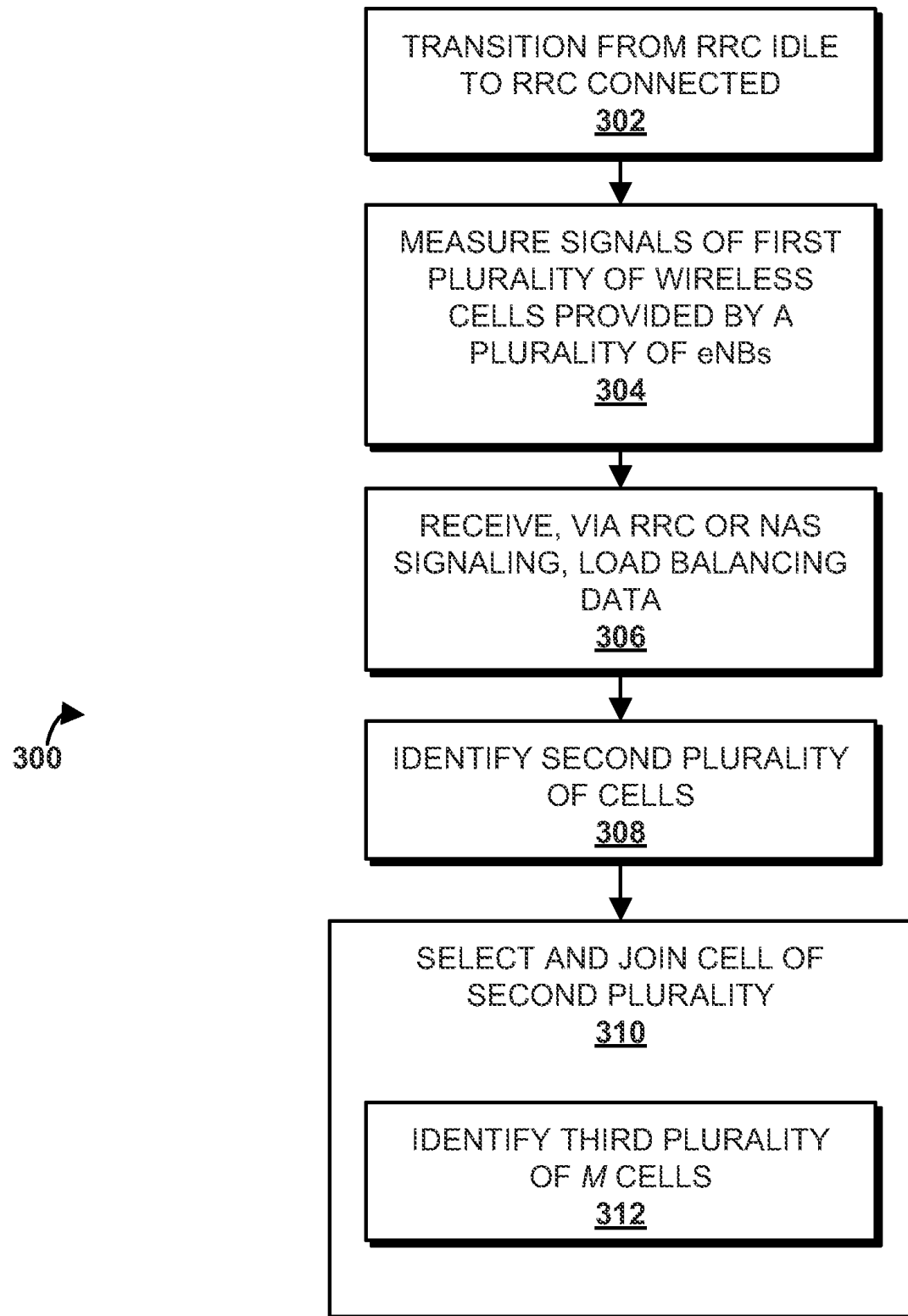
Family 3/10 - FAMPAT - ©Questel

Title

(EP3300261)

Communication of preferred power consumption configurations

Images



Publication data including kind & date

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US20180192318

A1 2018-07-05 US20180192318

Abstract

(EP3300261)

Technology for communicating power preference indication (PPI) message is described. A user equipment (UE) may receive PPI configuration information, from an evolved node B (eNB), wherein the PPI configuration information includes a predetermined threshold for a number of PPI messages that the UE can communicate to the eNB during a defined time window. The UE may communicate a plurality of PPI messages after sending a low power consumption configuration to the eNB during the defined time window, wherein the plurality of PPI messages each indicate a change in preferred power consumption configuration. The UE may detect that the plurality of PPI messages exceeds the predetermined threshold for the number of PPI messages that the UE can communicate to the eNB during the defined time window as defined in the PPI configuration information. The UE may initiate a threshold timer in response to the plurality of PPI messages exceeding the predetermined threshold to restrict additional PPI messages from being communicated to the eNB until expiration of the threshold timer.

Inventors

KOC ALI T

JHA SATISH C

VANNITHAMBY RATH

GUPTA MARUTI

Latest standardized assignees - inventors removed

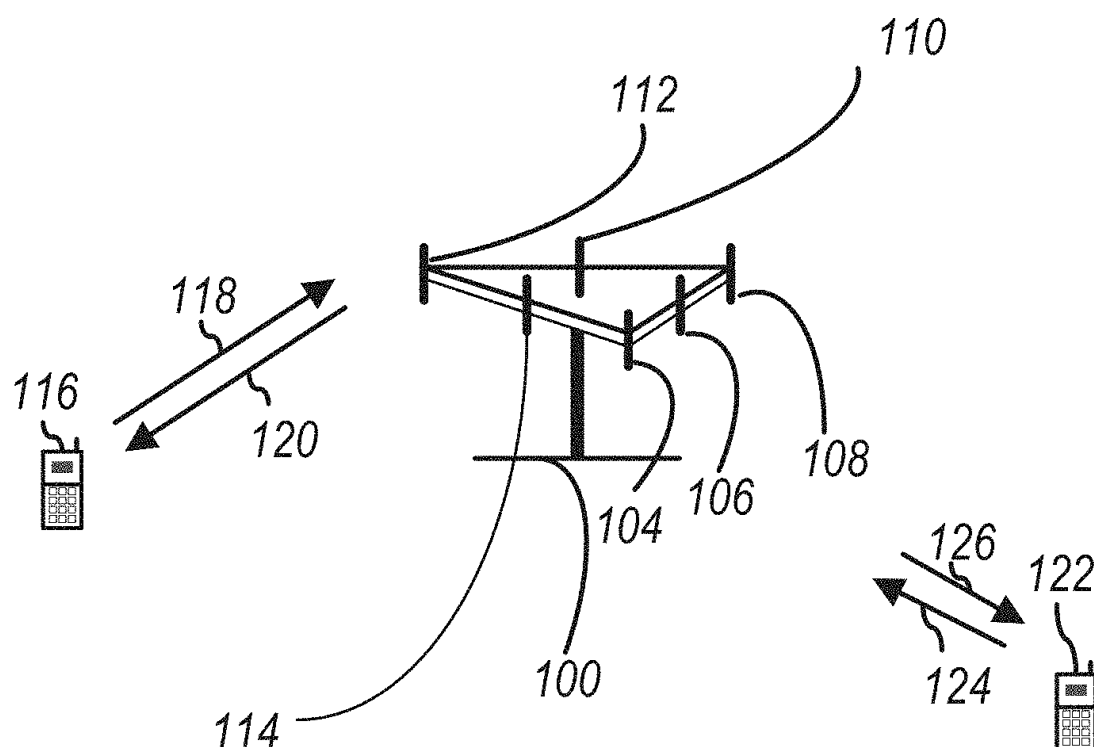
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Title

(EP3007514)

Method and apparatus for performing device to device (d2d) content estimation and triggering of buffer status reporting (bsr) in a wireless communication system

Images

[US2016080969](#)

A1 2016-03-17 US20160080969

[EP3007514](#)

A2 2016-04-13 EP3007514

[EP3007514](#)

A3 2016-07-27 EP3007514

[US9769699](#)

B2 2017-09-19 US9769699

**Abstract**

(EP3007514)

A method and apparatus are disclosed for performing buffer status reporting in a wireless communication system. The method includes a D2D (Device-to-Device) data arriving in the UE (1405). The method also includes triggering a ProSe (Proximity-based Service) BSR (Buffer Status Report) (1410). The method further includes deriving a buffer size value by at least considering an amount of oncoming data (1415). In addition, the method includes sending the ProSe BSR (1430).

Inventors

TSENG LI-CHIH

Latest standardized assignees - inventors removed

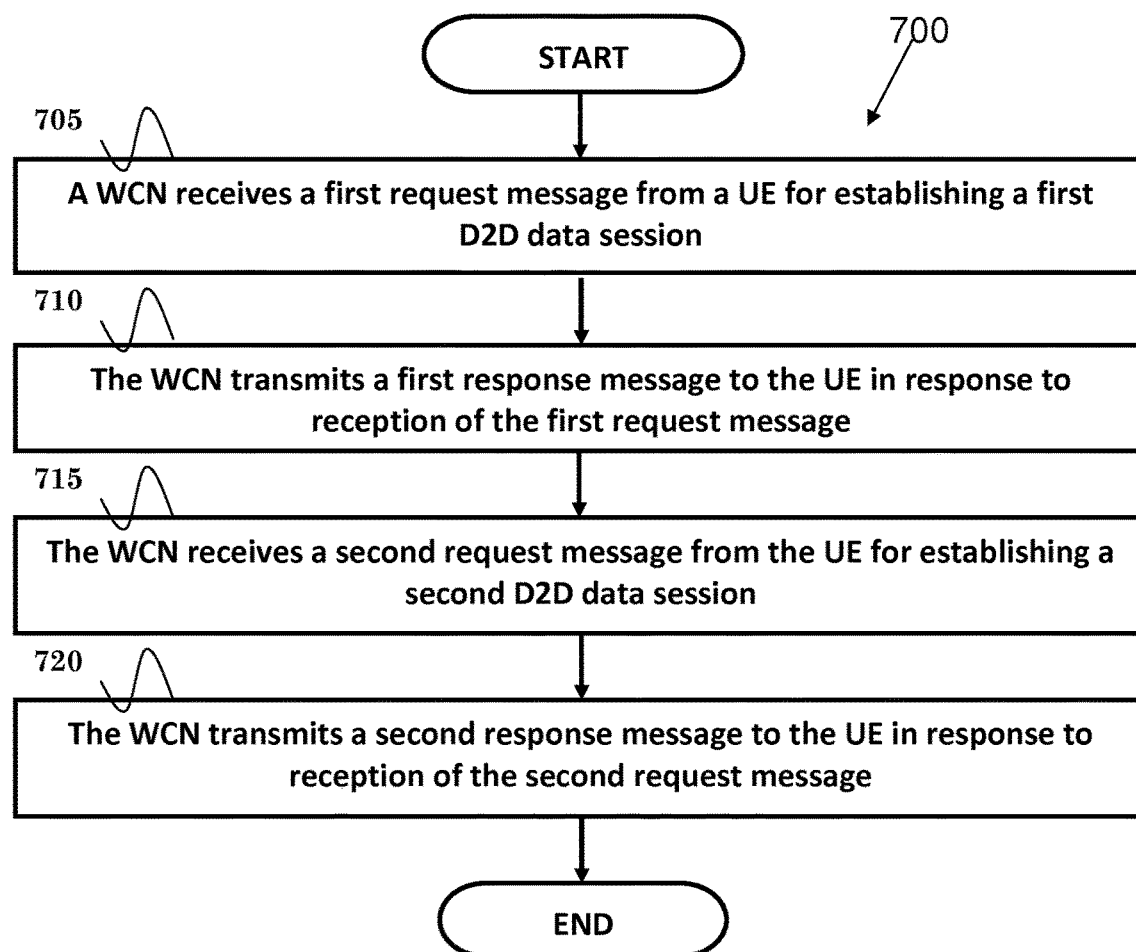
INNOVATIVE SONIC

Family 5/10 - FAMPAT - ©Questel

Title

(EP2928253)

Allocation of resources for concurrent device-to-device (d2d) communication sessions to a wireless device

Images**Publication data including kind & date**[EP2928253](#)

A1 2015-10-07 EP2928253

[US2015289253](#)

A1 2015-10-08 US20150289253

[US9717092](#)

B2 2017-07-25 US9717092



Abstract

(EP2928253)

A method and apparatus for allocating resources for D2D communication are disclosed. The method includes a WCN allocating dedicated resource for a first D2D data session and common resource for a second D2D data session in a user equipment, UE, wherein the first D2D data session and the second D2D data session are active simultaneously in the UE. The method could also include the WCN receiving a corresponding request message from the UE for establishing each D2D data session (705). The method could further include the WCN transmitting a response message to the UE in response to reception of the corresponding request message, wherein the response message includes resource information that indicates which type of resource is allocated for each D2D data session (710).

Inventors

PAN LI-TE

KUO RICHARD LEE-CHEE

CHEN WEI-YU

Latest standardized assignees - inventors removed

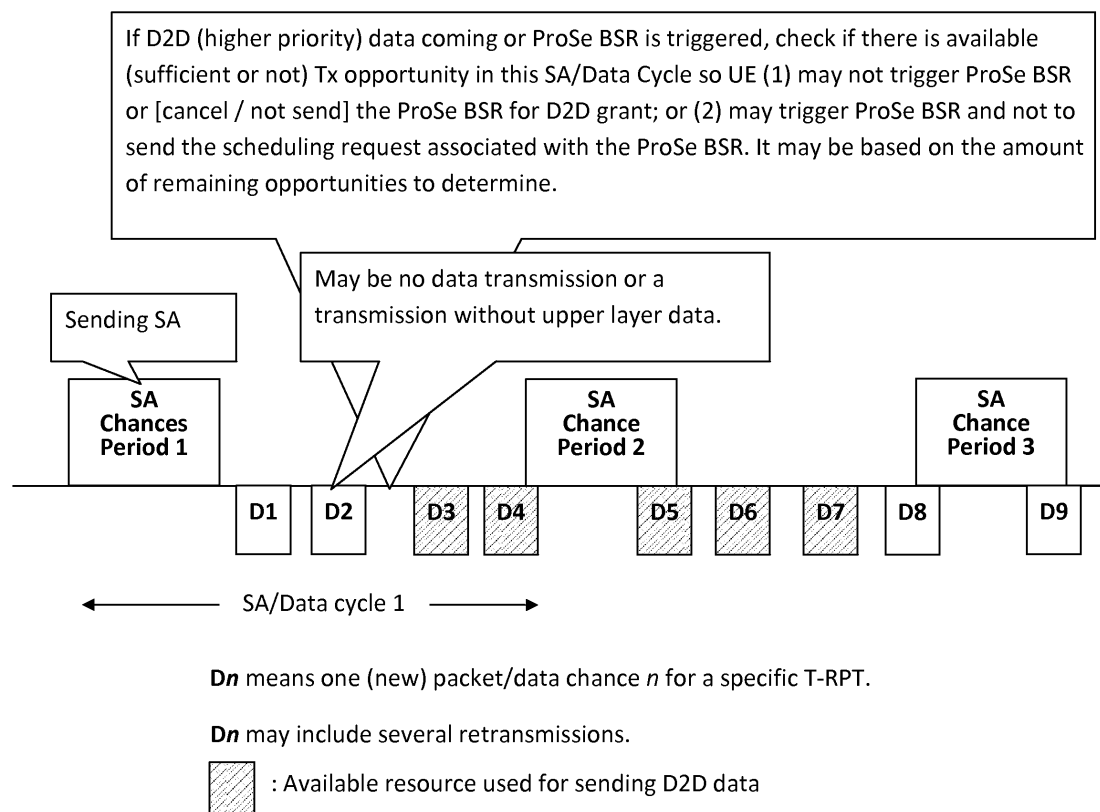
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Family 6/10 - FAMPAT - ©Questel

Title

(EP2999286)

Method and apparatus for requesting resources in a wireless communication system

Images**Publication data including kind & date**

US2016081108	A1	2016-03-17	US20160081108
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IN3514/MUM/2015	A	2016-07-22	IN2015MU03514				
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Abstract

(EP2999286)

A method and apparatus are disclosed for requesting resources in a wireless communication system. The method includes sending a first SA in a first SA period at a first timing (1305). The method also includes considering a data available in the UE at a second timing, wherein the data needs to be transmitted and the second timing is later than the first timing (1310). The method further includes skipping a resource associated with the first SA for sending the data at a third timing, wherein the third timing is later than the second timing and earlier than a second SA period which is later than the first SA period (1315). In addition, the method includes sending a second SA in the second SA period (1320). Furthermore, the method includes sending the data on a resource associated with the SA (1325).

Inventors

TSENG LI-CHIH

Latest standardized assignees - inventors removed

INNOVATIVE SONIC

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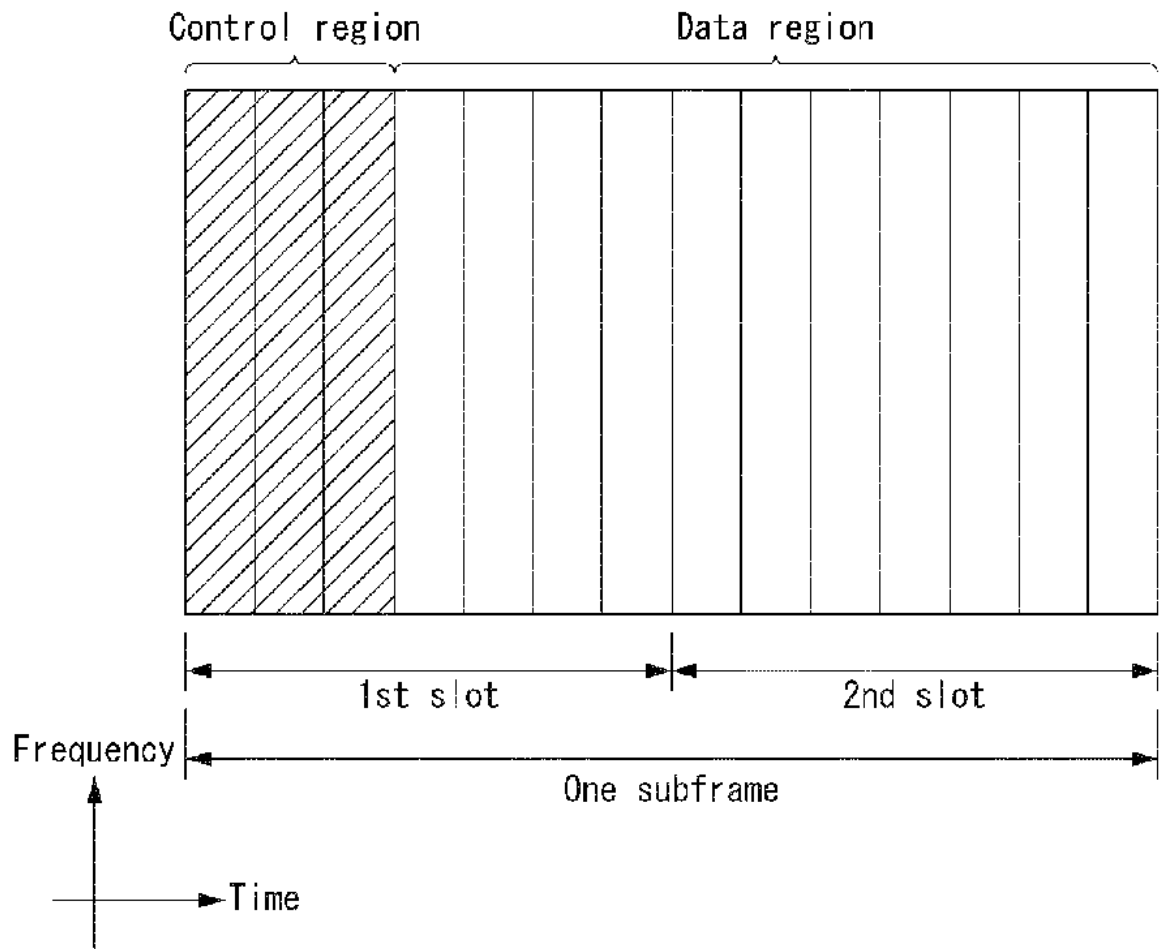
Title

(EP3343989)

Method for resource allocation in wireless communication system and apparatus therefor

Images

FIG. 3



Publication data including kind & date

WO2017034340	A1	2017-03-02	WO201734340
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[CN108141856](#)

A 2018-06-08 CN108141856

[EP3343989](#)

A1 2018-07-04 EP3343989

**Abstract**

(EP3343989)

Disclosed are a method for allocating resources in a wireless communication system and an apparatus therefor. In particular, a method for allocating radio resources to a UE in a wireless communication system, comprising: a step of receiving, from a first base station, first semi-persistent scheduling (SPS) configuration information including semi-persistent resource allocation information of a first cluster; a step of being allocated a first SPS resource on the basis of the first SPS configuration information by receiving an SPS assignment from the first base station; and a step of, when the UE performs handover to a second cluster belonging to the same cluster group as the first cluster, being allocated a second SPS resource on the basis of the first SPS configuration information by receiving an SPS assignment from a second base station, wherein the cluster is composed of one or more cells, and the cluster group may be composed of one or more clusters in which the same resource pool is set.

Inventors

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Latest standardized assignees - inventors removed

LG ELECTRONICS

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Title

(EP3295753)

Systems and methods for multiplexing scheduling requests in unlicensed bands

Images

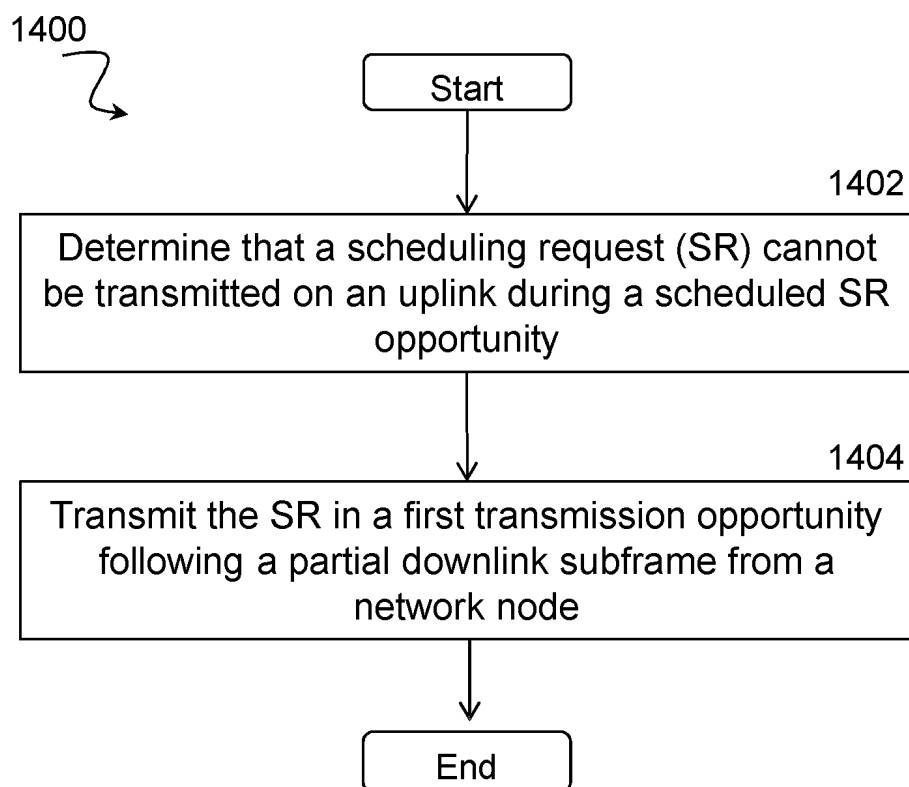


FIGURE 22

Publication data including kind & date

WO2017127015	A1	2017-07-27	WO2017127015
EP3295753	A1	2018-03-21	EP3295753

**Abstract**

(EP3295753)

According to certain embodiments, a method implemented in a wireless device is provided that includes determining that a scheduling request (SR) cannot be transmitted on an uplink during a scheduled SR opportunity. The SR is transmitted in a first transmission opportunity following a partial downlink (DL) subframe from a network node (115).

Inventors

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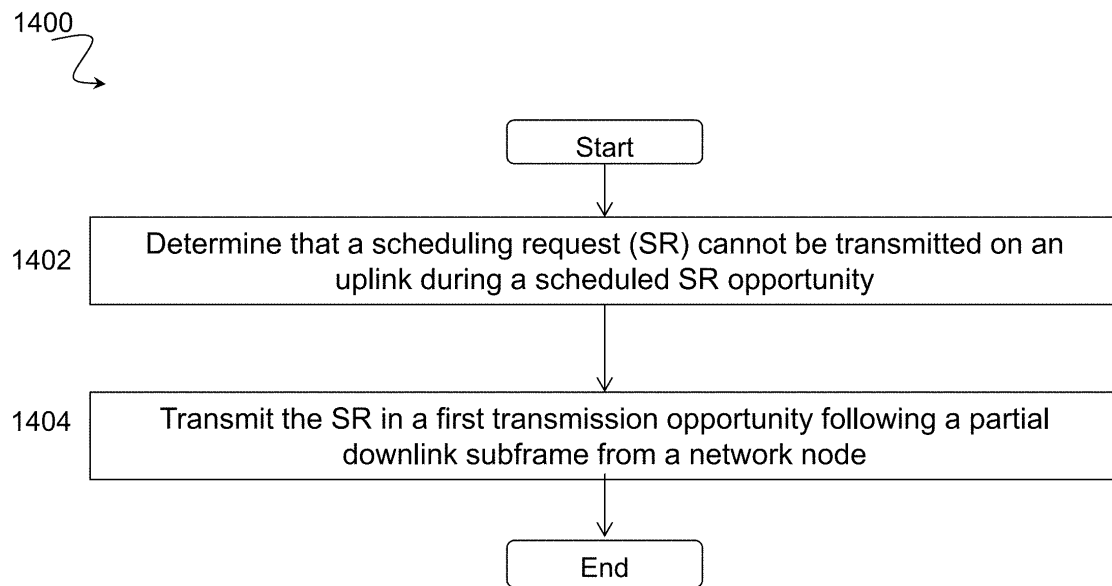
ERICSSON

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Title

(US20170215206)

Systems and Methods for Multiplexing Scheduling Requests in Unlicensed Bands

Images**Publication data including kind & date**[US20170215206](#)

A1 2017-07-27

US20170215206

**Abstract**

(US20170215206)

According to certain embodiments, a method implemented in a wireless device is provided that includes determining that a scheduling request (SR) cannot be transmitted on an uplink during a scheduled SR opportunity. The SR is transmitted in a first transmission opportunity following a partial downlink (DL) subframe from a network node (115).

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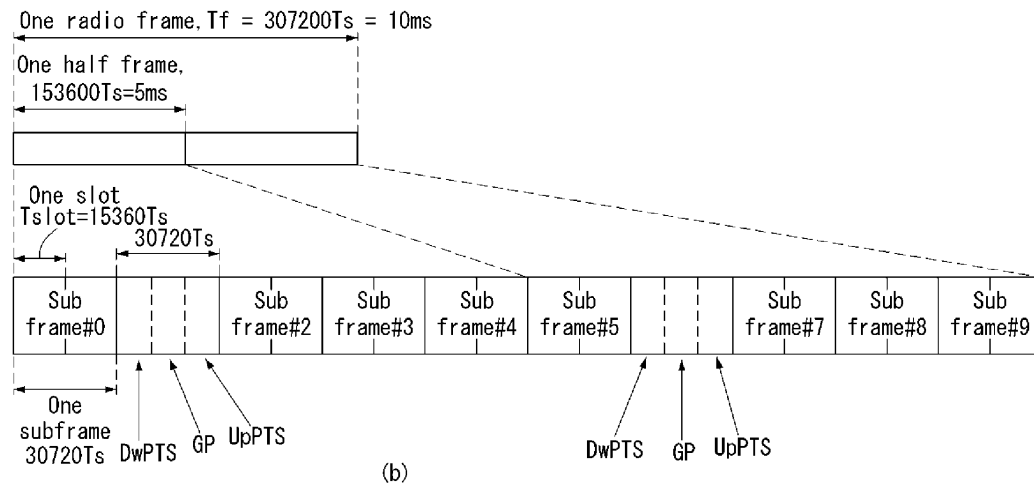
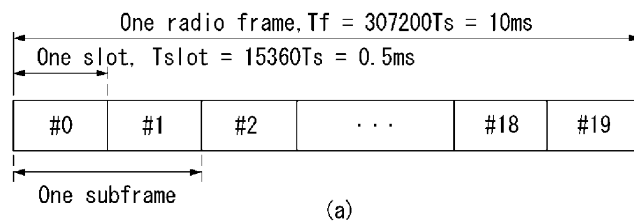
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Title

(EP3065479)

Method and apparatus for performing device-to-device communication in wireless communication system

Images



Publication data including kind & date

WO2015065113	A1	2015-05-07	WO201565113
EP3065479	A1	2016-09-07	EP3065479
US2016269887	A1	2016-09-15	US20160269887
CN106068668	A	2016-11-02	CN106068668
EP3065479	A4	2017-04-05	EP3065479



Abstract

(EP3065479)

This specification provides a method for performing a discovery procedure in a wireless communication system supporting device to device (D2D) communication. The method is performed by first user equipment and includes monitoring a discovery resource region, selecting a discovery resource for transmitting a discovery message in the discovery resource region, and transmitting the discovery message to second user equipment through the selected discovery resource. The selected discovery resource includes a discovery resource having a received energy level corresponding to a threshold value or less or a threshold value or higher.

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