

10 Documents

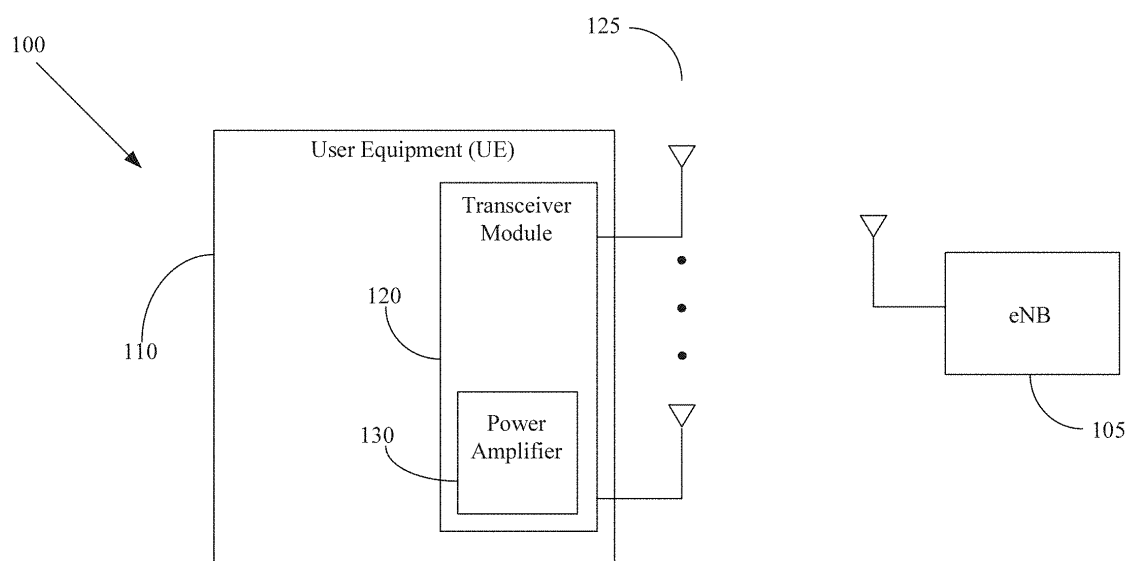
Publication numbers	Title	Current assignees
CA2879206 A1	Machine type communication monitoring framework for 3 gpp systems	INTEL
US20040082356 A1	MIMO WLAN system	QUALCOMM
CA2978200 A1	Processing time extension for high bandwidth wireless communications	QUALCOMM
IT2013MI0394 A1	Multicast broadcast multimedia service-assisted content distribution	INTEL
IL-113059 A	PCS pocket phone/microcell communication over-air protocol	XIRCOM WIRELESS
WO200105099 A1	TCP/IP packet-centric wireless transmission system architecture	INTELLECTUAL VENTURES
FI201206147 A	Small data techniques and configurations in a wireless communication network	INTEL
NL2011259 A	Coverage adjustment in e-utra networks	INTEL
CA2982151 A1	User equipment initiated discontinuous operation in a wireless communications network	INTEL
US20150071061 A1	Method for data transmission in wireless network environment and data transmitter	SAMSUNG ELECTRONICS

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Title

(EP3370344)

Machine type communication monitoring framework for 3 gpp systems

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**Abstract**

(EP3370344)

A 3GPP monitoring architecture framework provides monitoring event configuration, detection, and reporting for machine-type and other mobile data applications using a machine type communication interworking function (MTC-IWF) that communicates monitoring event configuration, detection, and reporting messages through existing interfaces, such as Tsp, T4, and T5 interfaces.

Inventors

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VENKATACHALAM MUTHAIAH

Latest standardized assignees - inventors removed

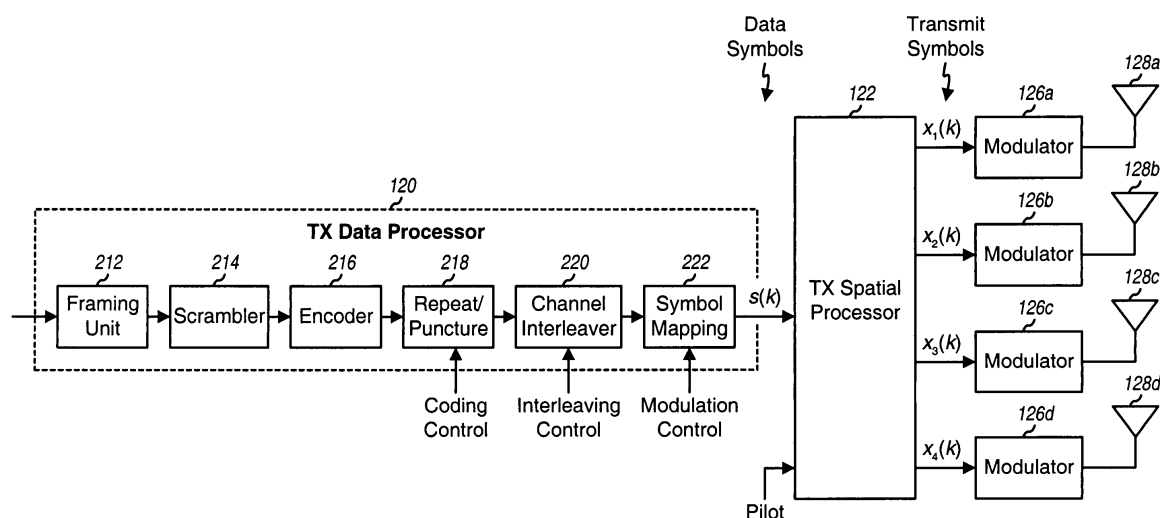
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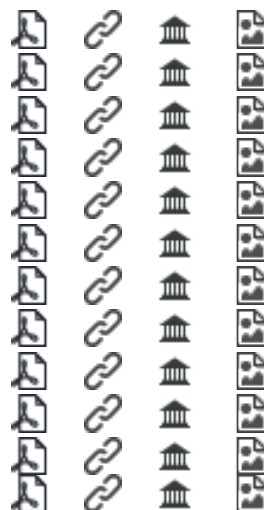
Title

(EP2400694)

MIMO WLAN system

Images**Publication data including kind & date**

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Abstract

(EP2400694)

A multiple-access MIMO WLAN system that employs MIMO, OFDM, and TDD. The system (1) uses a channel structure with a number of configurable transport channels, (2) supports multiple rates and transmission modes, which are configurable based on channel conditions and user terminal capabilities, (3) employs a pilot structure with several types of pilot (e.g., beacon, MIMO, steered reference, and carrier pilots) for different functions, (4) implements rate, timing, and power control loops for proper system operation, and (5) employs random access for system access by the user terminals, fast acknowledgement, and quick resource assignments. Calibration may be performed to account for differences in the frequency responses of transmit/receive chains at the access point and user terminals. The spatial processing may then be simplified by taking advantage of the reciprocal nature of the downlink and uplink and the calibration.

Inventors

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WALLACE MARK S

KETCHUM JOHN W

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Latest standardized assignees - inventors removed

QUALCOMM

Family 3/10 - FAMPAT - ©Questel

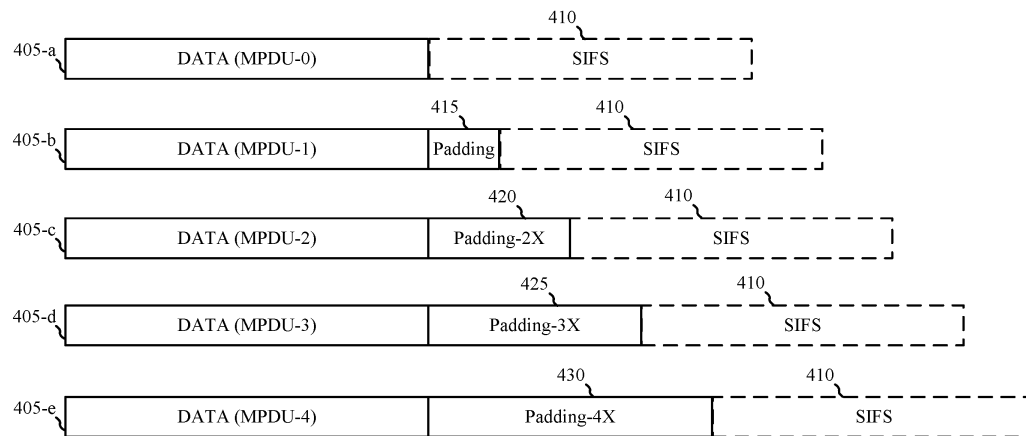
Title

(EP3281320)

Processing time extension for high bandwidth wireless communications

Images

400



Publication data including kind & date

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Abstract

(EP3281320)

A wireless device may selectively add padding to an end of a data transmission in order to provide adequate time for a receiving device to process the transmitted data and transmit feedback related to the transmitted data. A wireless device may identify a total amount of data capable of being transmitted in a transmission, and determine a number of data bits to be transmitted in the transmission. An amount of padding may be selected based on a proportion of the total amount of data capable of being transmitted and the number of data bits. In some examples, a preamble for a feedback transmission may be transmitted concurrently with processing of the received transmission.

Inventors

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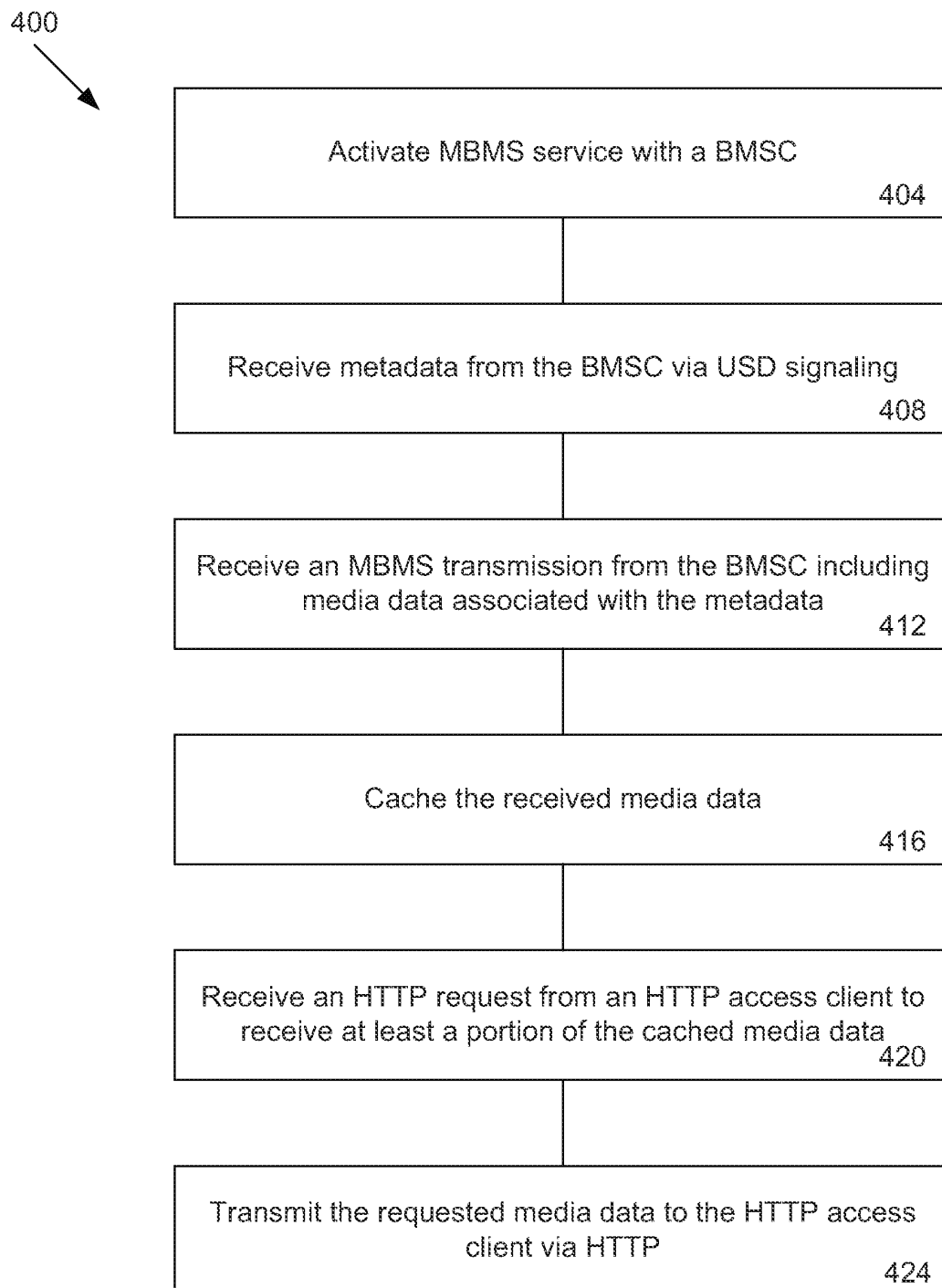
QUALCOMM

Family 4/10 - FAMPAT - ©Questel

Title

(EP3282726)

Multicast broadcast multimedia service-assisted content distribution

Images

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Abstract

(EP3282726)

Embodiments provide methods, systems, and apparatuses for multicast broadcast multimedia service (MBMS)-assisted content distribution in a wireless communication network. A proxy terminal may include an MBMS access client configured to receive and cache an MBMS transmission including media data and metadata. The proxy terminal may further include a hypertext transfer protocol (HTTP) server module configured to transmit at least a portion of the media data to a user equipment (UE) of the wireless communication network via an HTTP transmission. The media data and metadata may be in a dynamic adaptive streaming over HTTP (DASH) format. The proxy terminal may be included in an evolved Node B (eNB), the UE, or another UE of the wireless communication network.

Inventors

OYMAN OZGUR

Latest standardized assignees - inventors removed

INTEL

Family 5/10 - FAMPAT - ©Questel

Title

(EP1367846)

PCS pocket phone/microcell communication over-air protocol

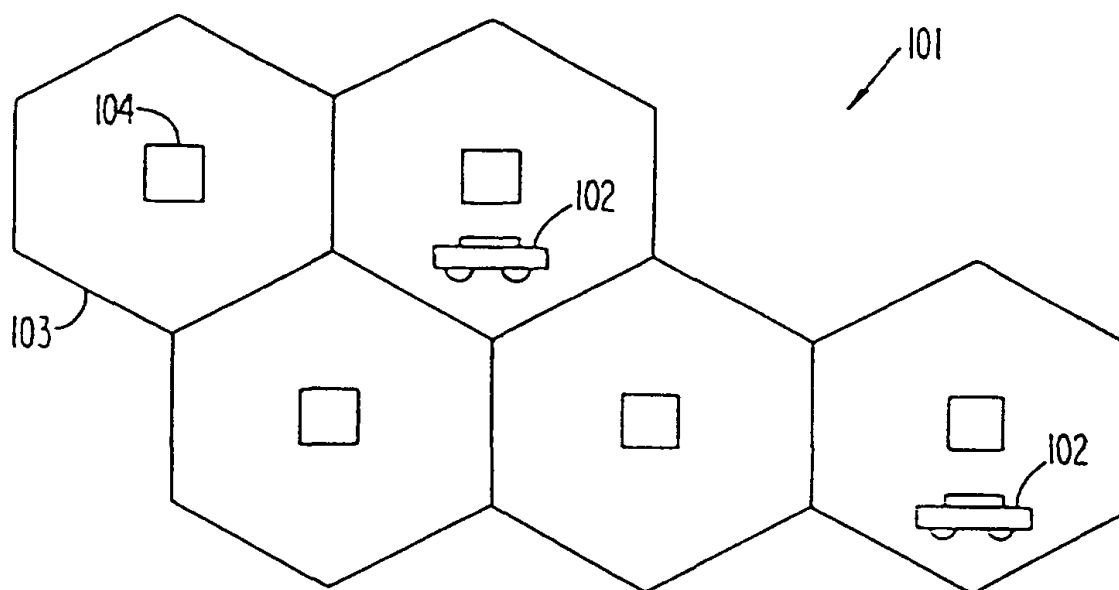
Images

FIG. 1

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Abstract

(EP1367846)

A simple and flexible over-air protocol for use with a mobile telephone system, having hand-held telephones in a microcell or other type of cellular communication system. A method in which user stations communicate with one or more base stations to place and receive telephone calls, in which the user stations are provided a secure voice or data link and have the ability to handoff calls between base stations while such calls are in progress. Each base station has a set of "air channels" to which it transmits in sequence. The air channels supported by each base station are called that base station's "polling loop". A user station receives general polling information on an unoccupied air channel, transmits responsive information to the base station, and awaits acknowledgment from the base station. Each base station may therefore simultaneously maintain communication with as many user stations as there are air channels in its polling loop. The ability of a user station to communicate on any unoccupied air channel makes the protocol air-channel agile, while the stability of user station and base station clocks may define air channels, saps, and minor frames. <IMAGE>

Inventors

ANDERSON GARY B

JENSEN RYAN N

PETCH BRYAN K

PETERSON PETER O

Latest standardized assignees - inventors removed

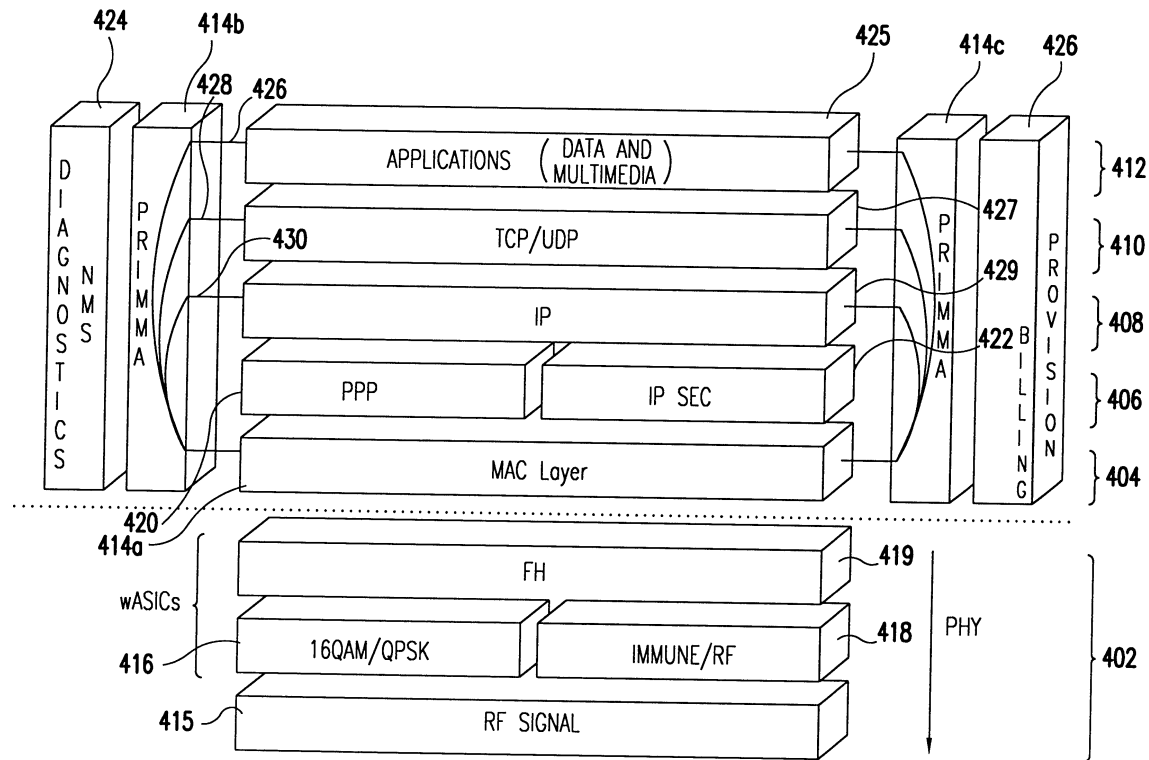
XIRCOM WIRELESS

Family 6/10 - FAMPAT - ©Questel

Title

(EP1796305)

TCP/IP packet-centric wireless transmission system architecture

Images**Publication data including kind & date**

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Abstract

(EP1796305)

A packet-centric wireless point to multi-point telecommunications systems includes: a wireless base station communicating via a packet-centric protocol to a first data network; one or more host workstations communicating via the packet-centric protocol to the first data network; one or more subscriber customer premise equipment (CPE) stations coupled with the wireless base station over a shared bandwidth via the packet-centric protocol over a wireless medium; and one or more subscriber workstations coupled via the packet-centric protocol to each of the subscriber CPE stations over a second network. The packet-centric protocol can be transmission control protocol/internet protocol (TCP/IP). The packet-centric protocol can be a user datagram protocol/internet protocol (UDP/IP). The system can include a resource allocation means for allocating shared bandwidth among the subscriber CPE stations. The resource allocation is performed to optimize end-user quality of service (QoS).

Inventors

JORGENSEN JACOB W

Latest standardized assignees - inventors removed

INTELLECTUAL VENTURES

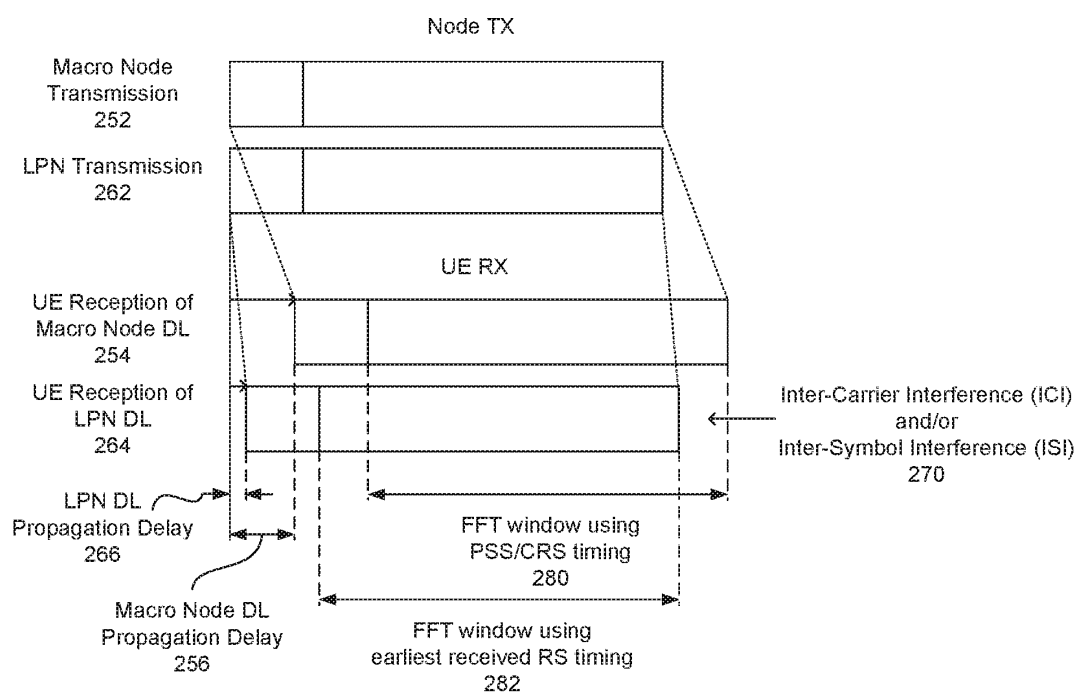
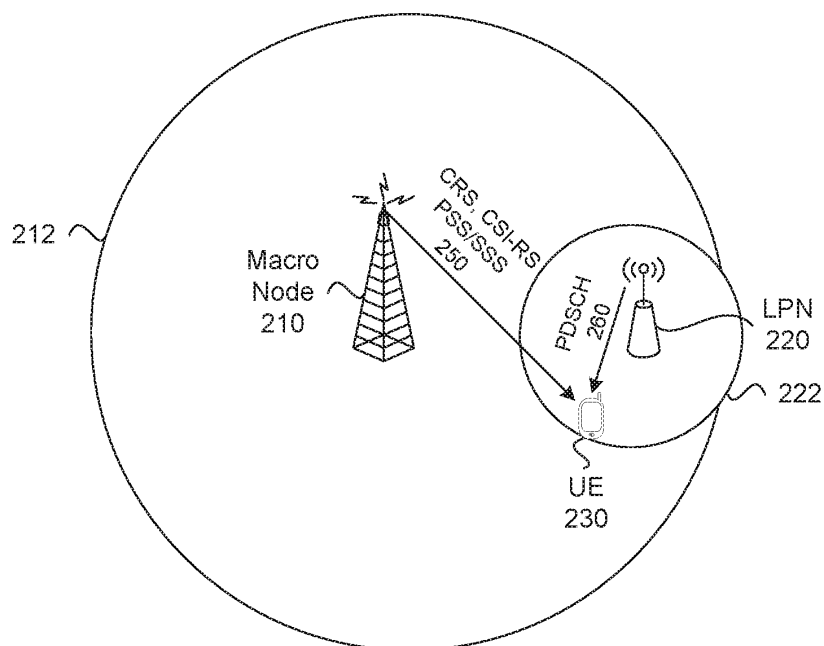
Family 7/10 - FAMPAT - ©Questel

Title

(EP3319347)

Small data techniques and configurations in a wireless communication network

Images



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Abstract

(EP3319347)

Embodiments of the present disclosure describe techniques and configurations for triggering transmission of data payloads in a wireless communication network. An apparatus may include one or more computer-readable media having instructions and one or more processors coupled with the one or more computer-readable media and configured to execute the instructions to implement an interworking function (IWF) to receive, from a Machine Type Communication (MTC) server, a trigger request to trigger sending of a data payload over a wireless communication network, the data payload being smaller than a preconfigured threshold, and send, in response to the trigger request over a reference point to a module including a Mobility Management Entity (MME) or a Serving GPRS (General Packet Radio Service) Support Node (SGSN), a trigger notification to trigger sending of the data payload over the wireless communication network.

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Latest standardized assignees - inventors removed

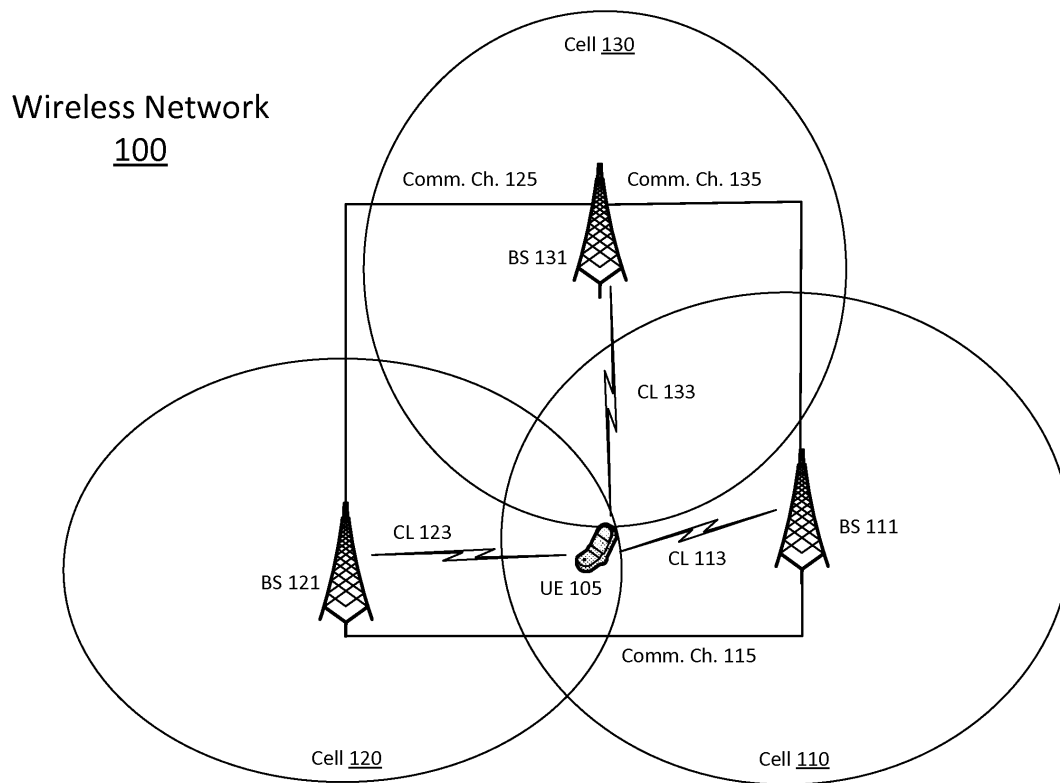
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Title
(EP3386232)

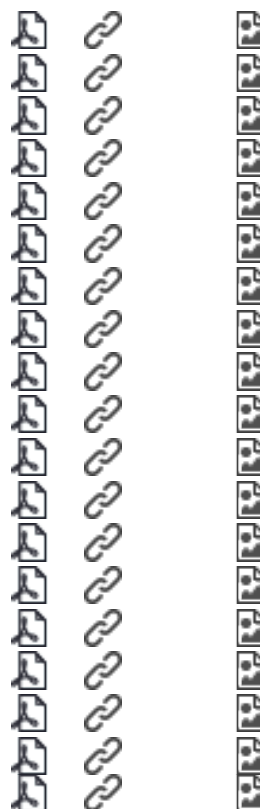
Coverage adjustment in e-utra networks

Images



Publication data including kind & date

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Abstract

(EP3386232)

Embodiments of systems and techniques for coverage adjustment in evolved universal terrain radio access networks (E-UTRANs) are described. In some embodiments, a network management (NM) apparatus may receive data representative of first and second radio link failure (RLF) reports including information related to respective disconnections of first and second user equipment (UEs) from an E-UTRAN. The NM apparatus may identify a hole in a coverage area of the E-UTRAN based at least in part on the first and second RLF reports, and may perform an automated coverage and capacity optimization (CCO) action to reconfigure cell resources of the E-UTRAN based on the identified hole. Other embodiments may be described and claimed.

Inventors

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Latest standardized assignees - inventors removed

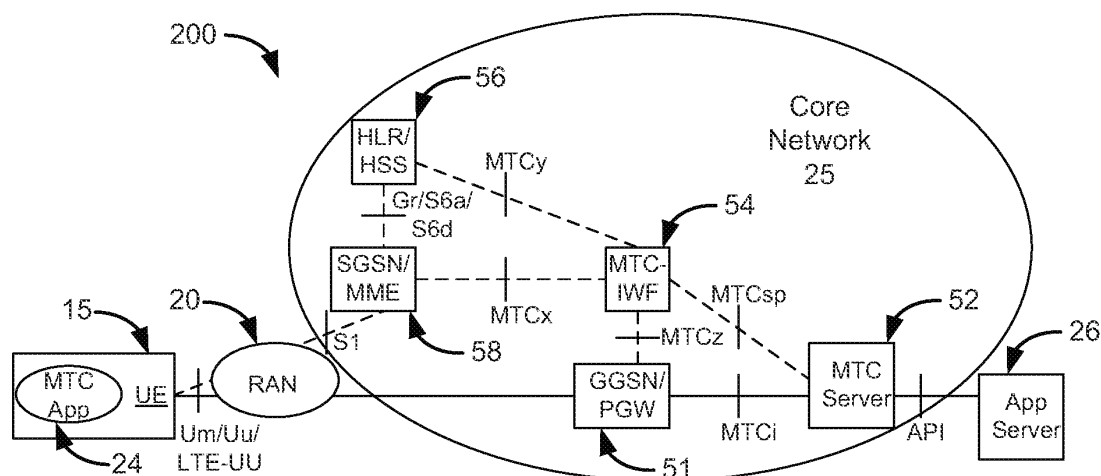
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Family 9/10 - FAMPAT - ©Questel

Title

(EP3048841)

User equipment initiated discontinuous operation in a wireless communications network

Images**Publication data including kind & date**

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Abstract

(EP3048841)

An apparatus and method for initiating discontinuous reception (DRX) operation in a user equipment (UE) are disclosed herein. Applications running on the UE are monitored by the UE to identify one or more inactivity trigger events associated with the application(s). The UE includes an application-radio cross layer to process the application information, including the inactivity trigger event, for use by a radio layer. The radio layer of the UE determines initiation of the DRX operation in accordance with the application information, including the inactivity trigger event, provided by the application-radio cross layer and device characteristics information.

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Latest standardized assignees - inventors removed

INTEL

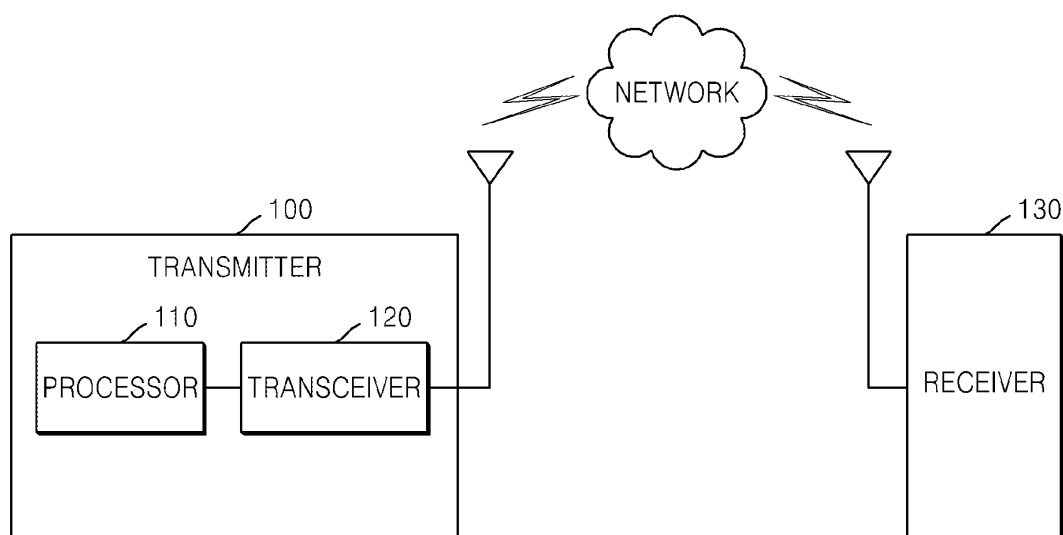
Family 10/10 - FAMPAT - ©Questel

Title

(US10136356)

Method for data transmission in wireless network environment and data transmitter

Images



Publication data including kind & date

US20150071061	A1	2015-03-12	US20150071061
KR20150030517	A	2015-03-20	KR20150030517
US10136356	B2	2018-11-20	US10136356



Abstract

(US10136356)

A method of transmitting data via a data transmitting device in a wireless network environment is provided. The method includes determining whether traffic is saturated or not based on an access category (AC) into which the data is classified according to a type of application that transmits the data, a queue size, and a predetermined threshold value and determining a transmission scheme according to a determination result of whether traffic is saturated or not and the AC of the data.

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