

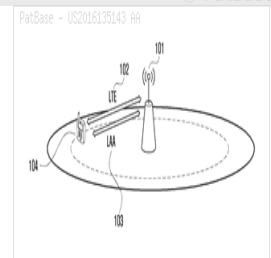
Search history

Search 1: FT=(PLMN AND 5G) and PD<=20170928 (Results 1861)
 Search 2: FT=(PLMN and 5g and cell*) and PD<=20170928 (Results 1703)
 Search 3: FT=(PLMN and 5g and cell*) and PD<=20170928 (Results 1703)
 Search 4: FT=(PLMN and 5g and cell* and core) and PD<=20170928 (Results 1137)
 Search 5: TAC=(PLMN) and PD<=20170928 (Results 3066)
 Search 6: 5 and 5g and cell* and core (Results 108)
 Search 7: 6 and bitmap* (Results 6)

1) Family number: 62328924 (US2016135143 AA)

METHOD AND APPARATUS FOR TRANSMITTING GROUP MESSAGE TO USER EQUIPMENT (UE)

Abstract: Source: US2016135143 AA The present disclosure relates to a communication method and system for converging a 5th-Generation (**5G**) communication system for supporting higher data rates beyond a 4th-Generation (4G) system with a technology for Internet of Things (IoT). The present disclosure may be applied to intelligent services based on the **5G** communication technology and the IoT-related technology, such as smart home, smart building, smart city, smart car, connected car, health care, digital education, smart retail, security and safety services. A method and apparatus of a wireless network are disclosed. The method includes transmitting a first request message to request allocation of a multimedia broadcast multicast service (MBMS) group identifier from a service capability server/application server (SCS/AS) to a service capability exposure function (SCEF), the first request message including an external group identifier and an SCS/AS identifier, and receiving a first response message including the MBMS group identifier from the SCEF to the SCS/AS.



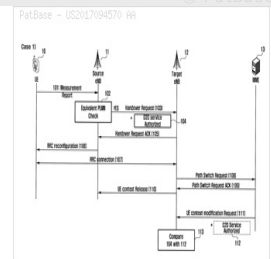
Probable Assignee: SAMSUNG ELECTRONICS CO LTD

Earliest Publication Date: 20160512

2) Family number: 60817996 (US2017094570 AA)

METHOD AND DEVICE FOR SERVICE CONTINUITY OF TERMINAL

Abstract: Source: US2017094570 AA Disclosed are: a communication method for incorporating an IoT technique with a **5G** communication system for supporting a higher data transmission rate than that of a 4G system or a subsequent system; and a system therefor. The present invention can be applied to intelligent services (for example, services related to smart homes, smart buildings, smart cities, smart cars or connected cars, health care, digital education, retail business, security, safety, and the like) on the basis of a **5G** communication technique and IoT-related techniques. A method for transmitting and receiving a signal by a base station in a mobile communication system comprises the steps of: receiving a handover request message including a first information related to a device-to-device (D2D) service for a handover target terminal; and allocating D2D resources to the terminal based on the handover request message. A communication method and device of the base station and network equipment in the mobile communication system, according to the present invention, can quickly provide, to the base station to which the terminal moves, a D2D service authorized indication of the terminal for a **PLMN** provided from the base station of a region to which the terminal moves, even though the terminal moves to the region at which the different PLMNs are provided, and can allow the terminal to endlessly use the services, since the terminal is allocated with the resources for the D2D services during the movement thereof.



Probable Assignee: SAMSUNG ELECTRONICS CO LTD

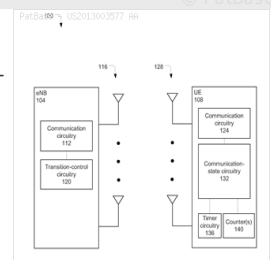
Earliest Publication Date: 20151119

3) Family number: 52663290 (US2013003577 AA)

COMMUNICATION STATE TRANSITIONING CONTROL

Abstract: Source: US2013003577 AA Embodiments of the present disclosure describe devices, methods, computer-readable media and systems configurations for managing state transitions of communication circuitries in wireless networks. Embodiments manage radio resource control (RRC) state transitions and/or discontinuous reception (DRX) state transitions. Other embodiments may be described and/or claimed.

Probable Assignee: INTEL CORP

Earliest Publication Date: 20130103

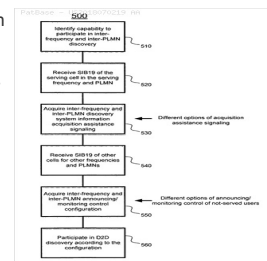
4) Family number: 63740349 (US2018070219 AA)

INTER-FREQUENCY INTER-PUBLIC LAND MOBILE NETWORK (PLMN) DISCOVERY

Abstract: Source: US2018070219 AA A user equipment (UE) can receive, from an eNodeB, a serving **PLMN** system information block (SIB)**19** for a carrier frequency of a serving **PLMN** of the UE. The UE can acquire inter-frequency and inter-**PLMN** discovery system information acquisition assistance signaling information from the SIB**19**. The UE can process a non-serving **PLMN** SIB**19** for one or more carrier frequencies of a non-serving **PLMN** using the inter-frequency and inter-**PLMN** discovery system information acquisition assistance signaling information. The UE can identify inter-frequency and inter-**PLMN** discovery announcement rate information and monitoring control configuration information for the one or more carrier frequencies of the non-serving **PLMN** to enable the UE to perform device-to-device (D2D) discovery with a UE in the non-serving **PLMN** according to the inter-frequency and inter-**PLMN** discovery announcement rate information and monitoring control configuration information.

Probable Assignee: INTEL CORP

Earliest Publication Date: 20161013



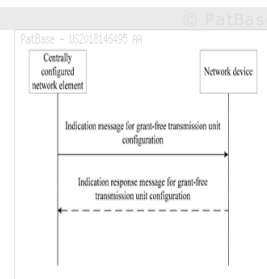
5) Family number: 64781589 (US2018146495 AA)

METHOD AND APPARATUS FOR OBTAINING CONFIGURATION INFORMATION

Abstract: Source: US2018146495 AA The present invention discloses a method and an apparatus for obtaining configuration information of a grant-free transmission unit. A centrally configured network element sends configuration information of a grant-free transmission unit of an access device to the access device, where the grant-free transmission unit refers to a transmission resource used for grant-free transmission, and the configuration information of the grant-free transmission unit includes at least one or more of the following information: information about the grant-free transmission unit or information about a grant-free transmission control mechanism. By using the method and the apparatus for obtaining configuration information of a grant-free transmission unit, an access device can obtain configuration information of a grant-free transmission unit.

Probable Assignee: HUAWEI TECHNOLOGIES CO LTD

Earliest Publication Date: 20170126



6) Family number: 64781587 (US2018139656 AA)

METHOD AND APPARATUS FOR OBTAINING CONFIGURATION INFORMATION

Abstract: Source: US2018139656 AA A method and an apparatus for obtaining configuration information of a grant-free transmission unit are provided. The method includes: sending, by a first network device, configuration information of one or more grant-free transmission units of the first network device to a second network device, where the grant-free transmission unit indicates a transmission resource used for grant-free transmission, and the configuration information of the grant-free transmission unit includes at least one or more of the following information: information about the grant-free transmission unit or information about a grant-free transmission unit control mechanism; and receiving, by the second network device, the configuration information of the grant-free transmission unit of the first network device. Therefore, by using the method and the apparatus for obtaining configuration information of a grant-free transmission unit, a network device obtains configuration information of a grant-free transmission unit of another network device.

Probable Assignee: HUAWEI TECHNOLOGIES CO LTD

Earliest Publication Date: 20170126

