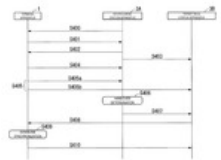
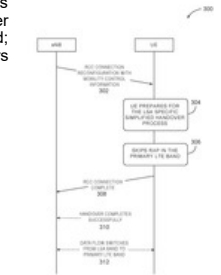
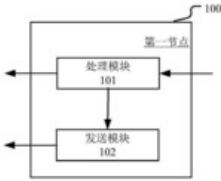
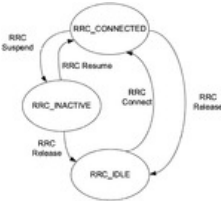
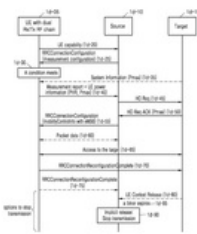
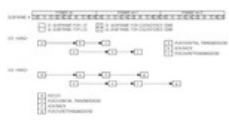
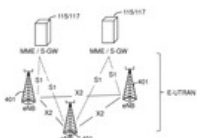
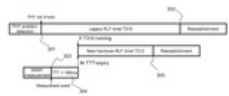
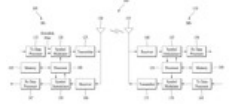
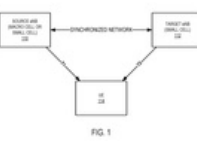
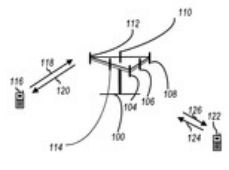
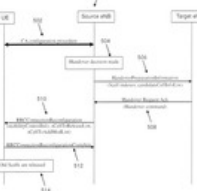


Patent families - 17 results

#	Title	Publication number	1st app. date	Applicant/Assignee	
1.	Terminal device, base station device, and communication method	EP3432643	2016-03-17	SHARP	100 %
A terminal apparatus 1 and a base station apparatus 3 efficiently continue to communicate with each other. The terminal apparatus 1 is a terminal apparatus to be handed over from a source cell to a target cell, and the terminal apparatus is handed over from the source cell to the target cell, and includes a receiver 13 configured to receive a higher layer information mobilityControlInfo including a first uplink grant and a subframe allocation information and a transmitter 13 configured to perform a transmission based on the first uplink grant in one of a plurality of subframes indicated by the subframe allocation information, wherein the subframe allocation information indicates at least one of the plurality of subframes associated with a set having the same number across radio frames.					
					
2.	Terminal device, base station device, communication method, and control method	EP3439380	2017-02-15	SHARP	84 %
A terminal apparatus and a base station apparatus efficiently continue communication with each other. A terminal apparatus is configured to perform a handover from a source cell to a target primary cell, the terminal apparatus includes: a receiver configured to receive a handover command; and a transmitter configured to transmit an RRC complete message after starting synchronization with a downlink of the target primary cell, in which, in a case that a parameter MobilityControlInfo included in the handover command includes a parameter associated with a TA and in a case of detecting, in the target primary cell, a PDCCH to which a CRC parity bit scrambled by a C-RNTI is attached, a T304 timer is stopped.					
					
3.	Handover at spectrum release for licensed shared access	EP3198938	2014-09-24	APPLE INTEL	83 %
Embodiments of Evolved Node-B (eNBs), user equipment (UE) and methods for licensed shared access (LSA) handover are generally described herein. An eNB includes hardware processing circuitry to receive a command to release spectrum resources in a LSA band over which the eNB serves an LSA cell; to determine whether user equipment (UEs) served by the eNB are permitted to skip a random access process (RAP) to be handed over to a target cell operating on a band separate from the LSA band; and to transmit a message to a UE served by the eNB instructing the UE that the UE is to be handed over to the target cell, the message including one or more indicators based on the determination. Other apparatuses, systems and methods are also disclosed.					
					
4.	Method and apparatus for wireless transmission during high speed movement	CN106470451	2015-08-19	SHANGHAI LONGBO COMMUNICATION TECHNICAL	75 %
The invention discloses a method and apparatus for wireless transmission during high speed movement. A first node receives first information sent by a second node in the first step and establishes an RRC connection with a first cell in the second step, wherein the first cell is maintained by a third node, and the first node and the second node are user equipment respectively. The first information contains all or partial domain in mobilityControlInfo IE, and an identifier of the first cell. Call disconnection due to switching can be effectively reduced, and the method and apparatus are especially suitable for high-speed mobile communication.					
					
5.	Change method and device of subordinate base station main plot	CN104869599	2014-02-21	CHINA MOBILE COMMUNICATIONS	70 %
The invention provides a change method and device of a subordinate base station main plot, and the change method and device are used for a subordinate base station in a mobile communication network comprises the subordinate base station and a main base station. The method comprises a main plot configuration step: through a first signaling message, configuring a plot in a current plot set configured by user equipment as a new subordinate base station main plot. According to the technical scheme provided by the invention, the change of the subordinate base station main plot is realized through the signaling message, and the change flow of the subordinate base station main plot is determined.					
					
6.	Handling of parameters provided in release / suspend	EP3664524	2018-12-17	ERICSSON	70 %
A new mechanism is introduced for managing Radio Resource Control, RRC, states, performed by a wireless device (10) operative in a wireless communication network, the method (100) is characterized by:while in an RRC_INACTIVE state, and performing activities associated with dedicated cell reselection priority information, sending (102) an RRC message to the network requesting to enter an RRC_CONNECTED state;receiving (104), in response to the RRC message requesting to resume an RRC_CONNECTED state, an RRC message from the network directing the wireless device (10) to enter an RRC_IDLE state or to remain in RRC_INACTIVE state; andin response to the received RRC message and if the received RRC message does not include dedicated cell reselection priority information,discarding (106) one or more stored dedicated cell reselection priority information; anddiscontinuing (108) the activities associated with the dedicated cell reselection priority information;wherein performing activities associated with dedicated cell reselection priority information comprises performing cell reselection according to dedicated priorities while a validity timer of the cell reselection priority parameter is running.					
					

7.	Method and device for improving handover performance in mobile communication system	WO2020/091373	2018-10-29	SAMSUNG ELECTRONICS	69 %	
A method for operating an UE in a wireless communication system, according to some embodiments of the present disclosure, comprises the steps of: generating a source link for transmitting/receiving data to/from a source base station; receiving, from the source base station, a radio link control (RRC) message including configuration information to be handed over to a target base station; operating a timer in response to the reception of the RRC message; transmitting, to the target base station, a message to be handed over to the target base station while the timer is operating; and determining on the basis of the state of the source link whether to trigger RRC re-establishment, if the handover to the target base station fails until the timer expires.						
8.	Handover apparatus and method for avoiding in-device coexistence interference	EP2695435	2011-04-01	APPLE PANTECH	69 %	
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.						
9.	A node and a method for providing an interface between base stations	EP3337235	2013-07-15	ERICSSON	68 %	
Example embodiments are directed towards establishing a base station (401A) to base station (401B) interface for receiving and sending communications on the interface for providing bearer management functions for bearers associated with a user equipment (101) in multiple connectivity with at least two base stations.						
10.	Mobility robustness optimization in a cellular network	EP3120599	2015-01-08	ERICSSON	68 %	
The present invention relates to a method in a node, eNB, of a cellular network for supporting mobility, to a method in a user equipment for supporting mobility to in the cellular network, and to corresponding devices, namely user equipment and node. According to one aspect, a method for supporting mobility in a cellular network is provided. The method runs in a node, eNB, for the cellular network. According to the method, the node receives from a user equipment, an information of a radio link failure of a radio link between the user equipment and the cellular network and the node receives information related to a mobility, e.g. expiry of T312 timer, of the user equipment. Based on the received information, the node adjusts at least one mobility parameter to increase robustness of mobility. The present invention improves robustness of mobility functions in a cellular network.						
11.	Method for determining the transmission of a sounding reference signal in a wireless communication system, and terminal therefor	EP2775639	2012-11-01	LG ELECTRONICS	67 %	
The invention relates to a method for determining the transmission of a sounding reference signal (SRS) by a terminal in a wireless communication system, which can include a step of determining whether a physical uplink control channel (PUCCH) or a physical uplink shared channel (PUSCH) in a first timing advance (TA) group, or an SRS in a second TA group in the same subframe, is to be transmitted when the transmission timing of the PUCCH or the PUSCH in a cell of the first TA group and the transmission timing of the SRS in a cell of the second TA group overlap each other in the same subframe.						
12.	Rach-less handover to small cell	WO2017/196459	2017-03-31	INTEL APPLE	57 %	
Briefly, in accordance with one or more embodiments, an apparatus of an evolved Node B (eNB) comprises one or more baseband processors to process a handover request received from a source eNB for a user equipment (UE) connected with the source eNB, and a memory to store handover request information. The one or more baseband processors are to encode a mobility control information element MobilityControlInfo with an indication regarding a random-access channel (RACH) procedure for a handover of the UE from the source eNB						
13.	Method and apparatus for scheduling request operation of small cell enhancements in a wireless communication system	EP2802187	2014-03-13	INNOVATIVE SONIC INNOVATIVE SONIC SPEED	53 %	
Methods and apparatuses are disclosed for scheduling request operation in a small cell in a wireless communication system. The method includes having a user equipment (UE) configured with a first serving cell and a second serving cell. The method further includes configuring the (UE) with a first scheduling request (SR) resource on a first physical uplink control channel and a second SR resource on a second physical uplink control channel. The method includes selecting, by the UE, the first SR resource to start a SR procedure in response to a trigger by a buffer status report (BSR), wherein an availability of the first SR resource is nearer to a timing of a triggering of the BSR than the availability of the second SR resource. Also, the method includes sending, by the UE, scheduling requests with the first SR resource on the first physical uplink control channel.						
14.	Method and apparatus for secondary cell release during handover in a wireless communication system	EP2448325	2011-10-27	INNOVATIVE SONIC INNOVATIVE SONIC SPEED	53 %	
Methods and an apparatus for Secondary Cell (SCell) release during User Equipment (UE) handover comprises including information by a source eNB in a HandoverPreparationInformation message for a target eNB to control SCell release in the UE during handover, or including an indicator by a target eNB in a handover command for the UE to distinguish whether or not to release all configured SCells.						