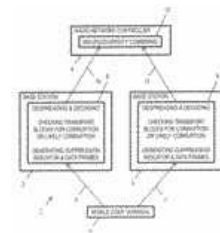


14550 results for 3 and efficiency - Collection: FAMPAT

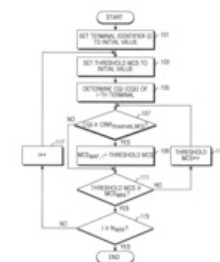
#	Title	Publication number	Publ. date	Applicant/Assignee
1.	Method of improving the interface efficiency in a communications network	EP1487143	2004-12-15	NOKIA EVOLIUM

In a method for improving the interface **efficiency** between two network nodes (2, 3, 4) in a communications network (1) the data blocks to be transmitted over the interface are checked for corruption or likely corruption prior to transmission and only uncorrupted or likely uncorrupted data blocks are incorporated in the data frame and transmitted over the interface.



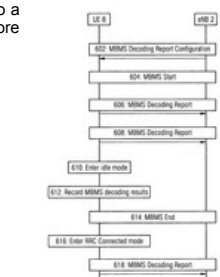
2.	Apparatus and method for improving transmission efficiency in wireless communication system	US20110268065	2011-11-03	
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An apparatus and a method for scheduling resources in a wireless communication system are provided. A Modulation and Coding Scheme (MCS) level of resource allocation information of one or more terminals is determined. A temporary MCS level for resource allocation information of a frame is determined by considering a MCS level for resource allocation information of a k-th terminal of the set of terminals. A resource amount for allocating data is determined by considering the temporary MCS level. Whether a resource is allocable to the k-th terminal is determined by considering the resource amount for the data allocation. And when the resource is allocable to the k-th terminal, the MCS level of the resource allocation information of the frame is determined by considering the MCS level of the resource allocation information of the k-th terminal.



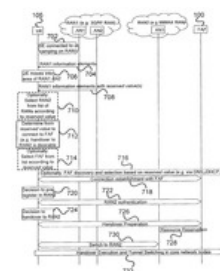
3.	Service performance feedback in a radio access network	EP2848034	2015-03-18	NOKIA SOLUTIONS & NETWORKS NOKIA NETWORKS NOKIA SIEMENS NETWORKS
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A technique, comprising: transmitting from an access node of an access network an instruction to transmit one or more decoding performance reports relating exclusively to a specific type of service, which decoding performance report comprises information about the result of one or more attempts to decode at a communication device one or more transmissions via which said specific type of service is provided.



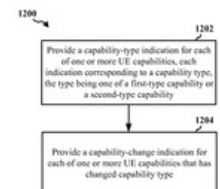
4. Techniques for optimizing **efficiency** in a situation for a possible handover of a mobile terminal EP2283677 2011-02-16

A technique is proposed for optimizing **efficiency** in a situation for a possible handover of a mobile terminal (106) from a first mobile access network (102) according to a first mobile access technology to a second mobile access network (104) according to a second mobile access technology different from the first mobile access technology. A method embodiment of the technique performed by the mobile terminal (106) comprises the steps of receiving information regarding an availability of at least one of the first mobile access network and the second mobile access network (104), taking a decision regarding a connection to an inter-technology interworking entity (100) adapted to interwork between the first access technology and the second access technology, and establishing a connection to the interworking entity (100) for a preparation of the handover.



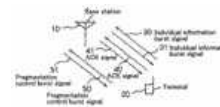
5.	Dynamic update of ue capability for inter-frequency and inter-rat measurements	EP3138309	2017-03-08	QUALCOMM
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A user equipment (UE) provides a capability-type indication for each of one or more UE capabilities. Each indication corresponds to a capability type, the type being one of a persistent capability or a second-type capability. Information corresponding to the capability-type indication may be provided to an eNB associated with the UE by RRC signaling. The UE provides a capability-change indication for each of one or more UE capabilities that has changed capability type. Information corresponding to the capability-change indication may be provided to an eNB by lower layer signaling, RRC signaling, or a combination thereof. Capability change information may be sent to the eNB autonomously by the UE, or in response to an inquiry from the eNB. The inquiry from the eNB may be triggered by the UE.



6.	High-efficiency control of radio burst signal transmission system	US20060002459	2006-01-05	NEC
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A radio burst signal transmission system operates to switch between a first control process for optimizing the number of bits added per symbol depending on the probability of successful reception of a successful reception indication signal and a second control process for divisionally sending a burst signal, depending on the state of a propagation path between a base station and a terminal. A fragmentation control request determining circuit in each of the base station and the terminal determines an average value and a variance value of time-depending variations of an error of a propagation path function, and a burst signal length of a reception burst signal, from the reception burst signal that is received from the terminal and the base station, and determines a pointer for requesting switching from the first control process to the second control process. When the terminal and the base station receive the request from the base station and the terminal, respectively, a fragmentation control circuit switches from the first control process to the second control process and sends a transmission burst signal to the base station and the terminal if the burst signal length of the reception burst signal exceeds a predetermined value.

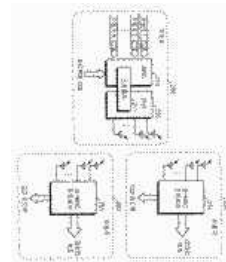


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| 7. | Resource scheduling device in a radio communication system using a multi-user multiple input multiple output method, and a method thereof, especially related to minimizing a delay during a resource scheduling while magnifying a system transmission ef... | KR20050020576 | 2005-03-04 | <div> <div>SAMSUNG ELECTRONICS</div> <div>UNIVERSITY OF TEXAS</div> </div> |
|----|---|---------------|------------|--|

PURPOSE: A resource scheduling device and a method in a radio communication system using a multi-user MIMO(Multiple Input Multiple Output) method are provided to suggest an MAC layer operation which supports a resource scheduling operation, thereby minimizing a delay during the resource scheduling operation while magnifying a system transmission **efficiency**.

CONSTITUTION: A scheduler(211) operates at both MAC layer(210) and physical layer(220), so that the MAC layer(210) and the physical layer(220) can recognize CQI(Channel Quality Information) of a forward channel fed back from MSs(Mobile Stations)(230,260). The scheduler(211) adaptively assigns resources to the MSs(230,260). A pre-MAC processor(231) generates CQI of the MS(230) to feed back the generated CQI to a BS(BaseStation)(200), while a pre-MAC processor(261) generates CQI of the MS(260) to feed back the CQI to the BS(200).

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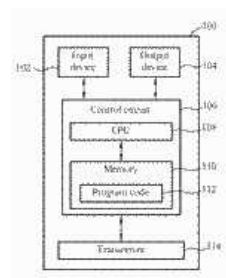
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| 8. | Business process processing method, apparatus, base station, gateway and terminal | CN106454929 | 2017-02-22 | CHINA MOBILE COMMUNICATIONS |
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The invention provides a business process processing method, apparatus, base station, gateway and terminal. The method comprises the following steps: obtaining a measurement report from a terminal wherein the measurement report includes the CPE parameters of the terminal covered by a high speed wireless gateway CPE; according to the CPE parameters, sending to the CPE the instructions in connection with the terminal; and when the CPE is connected to the terminal according to the instructions, directly sending to the terminal one part of the business process currently executed by the terminal and sending the other part to the terminal through the CPE. According to the invention, through the establishment of the communication between a base station and a CPE and through the transmission of business process from the CPE to the terminal, various network resources are fully utilized; the utilization **efficiency** of APs is effectively raised; and the problem with low permeability seen in existing WLAN users can be solved: the low permeability leads to the idleness of a large number of wireless access points and the wasting of resources.



9. Method for enhancing data transmission **efficiency** for a radio resource control procedure for a wireless communications system and related apparatus

A method for enhancing data transmission **efficiency** for a radio resource control, hereinafter called RRC, procedure for a user equipment, also called UE, in a CELL_FACH state in a wireless communications system is provided. The method includes using a dedicated HS-DSCH radio network transaction identifier, hereinafter called H-RNTI, for a high speed downlink operation corresponding to the CELL_FACH state (302); initiating an RRC update procedure (304); changing to use a common H-RNTI for the high speed downlink operation if the dedicated H-RNTI becomes invalid (306); and continuing using the dedicated H-RNTI for the high speed downlink operation if the dedicated H-RNTI remains effective (308).



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| 10. | Mimo mode switching control method and device | CN107437975 | 2017-12-05 | <div>BEIJING LETTER OF THE VIDEO TECHNOLOGY</div> <div>BEIJING XINWEI TELECOM TECHNOLOGY</div> |
|-----|---|-------------|------------|--|

The invention discloses a MIMO mode switching control method and device. The MIMO mode switching control method comprises the following steps: confirming the inner loop spectrum **efficiency** of at least two MIMO modes to be selected according to the CQI reported by a terminal; updating the outer loop spectrum **efficiency** of the at least two MIMO modes to be selected at the moment that the terminal is scheduled to end; and selecting the MIMO mode with the largest sum of the inner loop spectrum **efficiency** and the outer loop spectrum **efficiency** in the at least two MIMO modes to be selected as the current scheduling MIMO mode at the beginning of the scheduling. According to the MIMO mode switching control method, the spectrum updating of the outer loop spectrum **efficiency** is related to the service type and the size of the service traffic of the terminal, the switching time of the MIMO modes is dynamic and changeable, therefore, the time delay can be reduced, the timeliness of the mode switching can be improved, and the packet error rate while mode switching can be reduced; therefore, the service stability of the mode switching is improved, and the call drop rate in a cell is reduced.



11. A method of high-efficiency connected mode cell reselection WO2017/028808 2017-02-23 HFI INNOVATION
MEDIATEK

A novel and efficient connected mode cell reselection procedure is proposed to improve the mobility performance for user equipments (UEs) configured with extended connected mode Discontinuous Reception (DRX) cycle in LTE systems. A UE-centric mobility mechanism with which a UE performs cell reselection in RRC connected mode is proposed. The UE is allowed to select a target cell without handover signaling in the source cell and when needed to initiate signaling with the target cell, for which signal quality is much better. In this way, handover failures due to failed signaling in the source cell can be avoided. More specifically, the proposed mobility mechanism reduces signaling overhead and is inherently robust towards different DRX cycle settings, i.e., longer DRX cycles do not cause more failures, or more overhead, or more battery consumption.

