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本国际公布:

— 包括国际检索报告(条约第 21 条(3))。

(54) Title: METHOD AND DEVICE FOR TRANSMITTING INFORMATION ON ENHANCED PHYSICAL DOWNLINK CONTROL CHANNEL

(54) 发明名称: 在增强型物理下行控制信道上传输信息的方法及设备

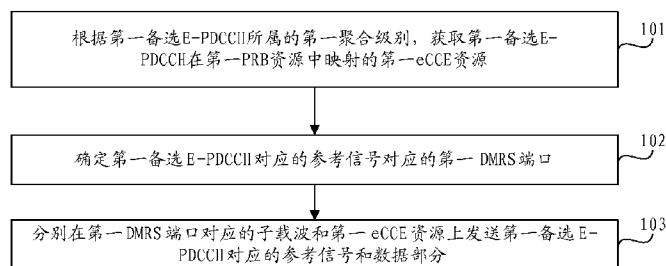


图 2 / Fig. 2

101 OBTAIN, ACCORDING TO A FIRST AGGREGATION LEVEL OF A FIRST CANDIDATE E-PDCCH, A FIRST ECCE RESOURCE MAPPED BY THE FIRST CANDIDATE E-PDCCH IN A FIRST PRB RESOURCE  
102 DETERMINE A FIRST DMRS PORT CORRESPONDING TO A REFERENCE SIGNAL CORRESPONDING TO THE FIRST CANDIDATE E-PDCCH  
103 RESPECTIVELY SEND THE REFERENCE SIGNAL CORRESPONDING TO THE FIRST CANDIDATE E-PDCCH AND A DATA PART ON A SUB-CARRIER CORRESPONDING TO THE FIRST DMRS PORT AND THE FIRST ECCE RESOURCE

(57) Abstract: The present invention provides a method and a device for transmitting information on an enhanced physical downlink control channel (E-PDCCH). The sending method comprises: obtaining, according to a first aggregation level of a first candidate E-PDCCH, a first eCCE or CCE resource mapped by the first candidate E-PDCCH in a first PRB resource, in the first aggregation level, eCCE or CCE resources mapped by candidate E-PDCCHs in the first PRB resource being different, and the first PRB resource being formed of a PRB multiplexed by a candidate E-PDCCH and a PDSCH in each aggregation level of each sub-frame; determining a first DMRS port corresponding to a reference signal corresponding to the first candidate E-PDCCH; and respectively sending the reference signal corresponding to the first candidate E-PDCCH and a data part on a sub-carrier corresponding to the first DMRS port and the first eCCE or CCE resource. Technical solutions of the present invention solve an E-PDCCH transmission problem.

(57) 摘要:

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本发明提供一种在增强型物理下行控制信道上传输信息的方法及设备。发送方法包括：根据第一备选 E-PDCCH 所属的第一聚合级别，获取第一备选 E-PDCCH 在第一 PRB 资源中映射的第一 eCCE 或 CCE 资源；第一聚合级别中各备选 E-PDCCH 在第一 PRB 资源中映射的 eCCE 或 CCE 资源相互不同；第一 PRB 资源由每个子帧中各聚合级别中的备选 E-PDCCH 与 PDSCH 复用的 PRB 构成；确定第一备选 E-PDCCH 对应的参考信号对应的第一 DMRS 端口；分别在第一 DMRS 端口对应的子载波和第一 eCCE 或 CCE 资源上发送第一备选 E-PDCCH 对应的参考信号和数据部分。本发明技术方案解决了 E-PDCCH 的传输问题。