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(54) Title: METHOD AND APPARATUS FOR TRANSMITTING UPLINK CONTROL INFORMATION

(54) 发明名称: 一种上行控制信息的传输方法及装置

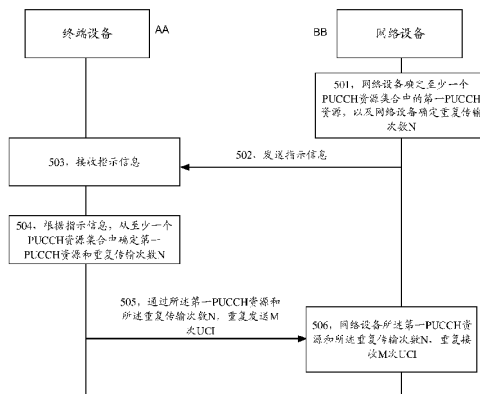


图 5

- 501 The network device determines a first PUCCH resource set, and the network device determines the number N of retransmissions
502 Send indication information
503 Receive the indication information
504 According to the indication information, determine the first PUCCH resource from the at least one PUCCH resource set and the number N of retransmissions
505 Repeatedly send UCI M times by means of the first PUCCH resource and the number N of retransmissions
506 The network device repeatedly receives the UCI M times by means of the first PUCCH resource and the number N of retransmissions
AA Terminal device
BB Network device

(57) Abstract: Provided are a method and apparatus for transmitting uplink control information, wherein an execution subject of the method may be a terminal device, and may also be a chip applied to the terminal device. The following is described by taking the execution subject being a terminal device as an example. The method comprises: receiving indication information, wherein the indication information is used for indicating a first PUCCH resource and the number N of retransmissions; then, according to the indication information, determining the first PUCCH resource from at least one PUCCH resource set and the number N of retransmissions; and finally, repeatedly sending uplink control information (UCI) M times by means of the first PUCCH resource and the number N of retransmissions. By using the method and apparatus in the present application, a terminal device can transmit UCI according to an indication from a network device and the number of retransmissions corresponding to a PUCCH resource, thereby being able to realize flexible configuration of the number of PUCCH retransmissions and improving the utilization rate of resources.

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CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU,
IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT,
RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI,
CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG)。

本国际公布：

— 包括国际检索报告(条约第21条(3))。

(57) 摘要：一种上行控制信息的传输方法及装置，该方法的执行主体可以是终端设备，也可以是应用于终端设备中的芯片。下面以执行主体是终端设备为例进行描述。该方法包括：接收指示信息，该指示信息用于指示第一PUCCH资源和重复传输次数N；所以根据所述指示信息，从至少一个PUCCH资源集合中确定所述第一PUCCH资源和所述重复传输次数N；最终通过所述第一PUCCH资源和所述重复传输次数N，重复发送M次上行控制信息UCI。采用本申请的方法及装置，终端设备可以根据网络设备的指示，按照PUCCH资源对应的重复传输次数传输UCI，从而可以实现PUCCH重复传输次数的灵活配置，提高资源的利用率。