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

(54) 发明名称: 传输上行控制信息的方法和设备

200

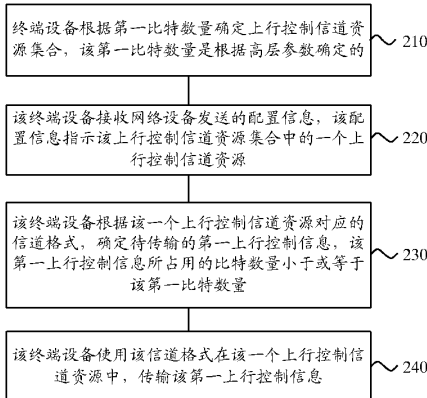


图2

- 210 A terminal device determines an uplink control channel resource set according to a first number of bits, wherein the first number of bits is determined according to high-level parameters
- 220 The terminal device receives configuration information sent by a network device, wherein the configuration information indicates one uplink control channel resource in the uplink control channel resource set
- 230 The terminal device determines, according to a channel format corresponding to the one uplink control channel resource, first uplink control information to be transmitted, wherein the number of bits occupied by the first uplink control information is less than or equal to the first number of bits
- 240 The terminal device uses the channel format to transmit the first uplink control information in the one uplink control channel resource

(57) Abstract: Disclosed is a method for transmitting uplink control information. The method comprises: a terminal device determining an uplink control channel resource set according to a first number of bits, wherein the first number of bits is determined according to high-level parameters; the terminal device receiving configuration information, wherein the configuration information indicates one uplink control channel resource in the uplink control channel resource set; the terminal device determining, according to a channel format corresponding to the uplink control channel resource, first uplink control information to be transmitted, wherein the number of bits occupied by the first uplink control information is less than or equal to the first number of bits; and the terminal device using the channel format to transmit the first uplink control information in the one uplink control channel resource. Therefore, a terminal device determines, based on a channel format corresponding to an uplink control channel resource, uplink control information to be transmitted, so that the number of bits of actually transmitted uplink control information is less than or equal to the number of bits,

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— 包括国际检索报告(条约第21条(3))。

determined according to high-level parameters, of uplink control information, thereby improving the transmission efficiency of uplink control information.

(57) 摘要: 本申请公开了一种传输上行控制信息的方法, 包括: 终端设备根据第一比特数量确定上行控制信道资源集合, 第一比特数量根据高层参数确定; 终端设备接收配置信息, 该配置信息指示该上行控制信道资源集合中的一个上行控制信道资源; 终端设备根据该上行控制信道资源对应的信道格式确定待传输的第一上行控制信息, 第一上行控制信息所占的比特数量小于或等于第一比特数量; 终端设备使用该信道格式在该一个上行控制信道资源传输该第一上行控制信息。因此, 终端设备基于上行控制信道资源对应的信道格式确定待传输的上行控制信息, 使得实际传输上行控制信息的比特数小于或等于根据高层参数确定的上行控制信息的比特数, 从而提高上行控制信息的传输效率。