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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: TERMINAL DEVICE SCHEDULING METHOD AND APPARATUS THEREOF

(54) 发明名称: 一种终端设备调度方法及其装置

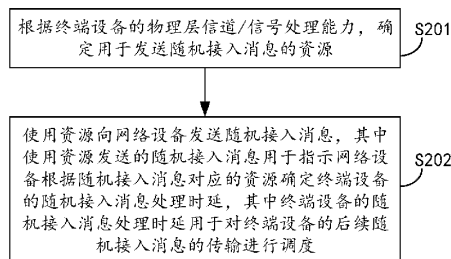


图 2

- S201 Determine a resource for sending a random access message according to physical layer channel/signal processing capability of a terminal device
- S202 Send a random access message to a network device by using the resource, wherein the random access message sent by using the resource is used for instructing the network device to determine a random access message processing delay of the terminal device according to the resource corresponding to the random access message, wherein the random access message processing delay of the terminal device is used for scheduling transmission of subsequent random access messages of the terminal device

(57) Abstract: Embodiments of the present application provide a terminal device scheduling method and apparatus thereof, and can be applied to the technical field of communications. The method executed by a terminal device comprises: determining a resource for sending a random access message according to physical layer channel/signal processing capability of the terminal device; and sending a random access message to a network device by using the resource, wherein the random access message sent by using the resource is used for instructing the network device to determine a random access message processing delay of the terminal device according to the resource corresponding to the random access message, the random access message processing delay being used for scheduling transmission of subsequent random access messages of the terminal device. In this way, the network device can allocate different resource scheduling processing for subsequent random access messages according to the terminal devices with different processing capabilities, such that the terminal device can normally send messages by scheduling reasonably allocated resources, re-scheduling of resources when message sending fails is avoided, resource waste is avoided, and the resource utilization rate is improved.

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**(57) 摘要：**本申请实施例公开了一种终端设备调度方法及其装置，可应用于通信技术领域，其中，由终端设备执行的方法，包括：根据终端设备的物理层信道/信号处理能力，确定用于发送随机接入消息的资源；使用资源向网络设备发送随机接入消息，其中使用资源发送的随机接入消息用于指示网络设备根据随机接入消息对应的资源确定终端设备的随机接入消息处理时延，随机接入消息处理时延用于对终端设备的后续随机接入消息的传输进行调度，通过这种方式，网络设备可以针对不同处理能力的终端设备，为后续随机接入消息分配不同的资源调度处理，使得终端设备可以通过调度合理分配的资源正常发送消息，避免消息发送失败时资源的重新调度，避免资源浪费，提高资源利用率。