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(54) Title: RELAY COMMUNICATION METHOD AND APPARATUS

(54) 发明名称: 一种中继通信方法及装置

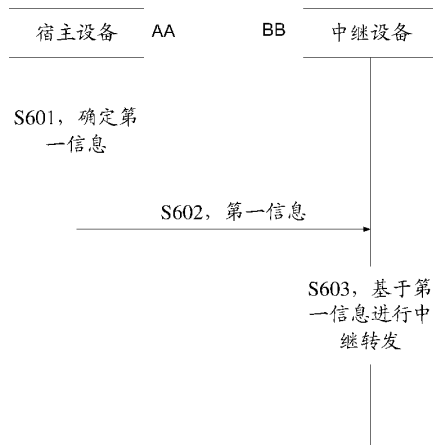


图 6

S601 Determine first information
S602 First information
S603 Perform relay forwarding on the basis of the first information
AA Host device
BB Relay device

(57) Abstract: The present application discloses a relay communication method and apparatus, which are used for solving the problem in the prior art that the accuracy of determining an uplink-downlink configuration ratio by means of envelope detection is low. Said method comprises: a relay device receiving first information sent by a host device, and performing relay forwarding on the basis of the first information, the first information being used for determining whether the relay device enables an amplify-and-forward function on a first time domain resource unit in a first time domain resource set, the first time domain resource set comprising one or more time domain resource units, and the first time domain resource unit being any time domain resource unit in the first time domain resource set. The host device indicates, by means of the first information, a time domain resource unit on which the relay device enables/disables the amplify-and-forward function, so that the relay device can accurately determine the boundary between uplink transmission and downlink transmission, thereby reducing the effect of interference noise, and improving communication quality.

(57) 摘要: 本申请公开了一种中继通信方法及装置, 用于解决现有技术中通过包络检波判断上下行配比准确性较低的问题。该方法包括: 中继设备接收宿主设备发送的第一信息并基于第一信息进行中继转发。第一信息用于确定在第一时域资源集合中第一时域资源单元上中继设备是否开启放大转发功能, 第一时域资源集合包括 1 个或多个时域资源单元, 第一时域资源单元为第一时域资源集合中任一时域资源单元。宿主设备通过第一信息指示中继设备开启/关闭放大转发功能的时域资源单元, 使得中继设备可以准确的判断上下行传输边界, 从而可以降低干扰噪声的影响, 进而提升通信质量。

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— 包括国际检索报告 (条约第21条(3))。