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(54) Title: WAVE BEAM SELECTION METHOD, APPARATUS AND SYSTEM

(54) 发明名称: 波束选择方法、装置及系统

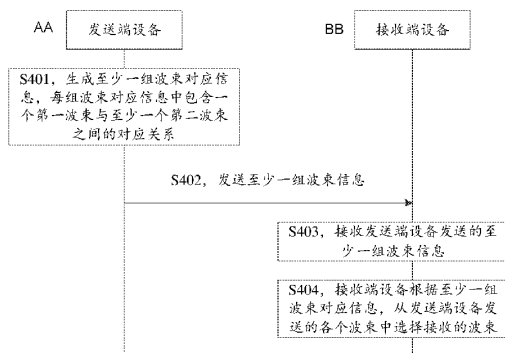


图 4

S401 GENERATE AT LEAST ONE SET OF WAVE BEAM CORRESPONDING INFORMATION, EACH SET OF WAVE BEAM CORRESPONDING INFORMATION INCLUDING CORRESPONDENCE RELATION BETWEEN A FIRST WAVE BEAM AND AT LEAST ONE SECOND WAVE BEAM
S402 SEND THE AT LEAST ONE WAVE BEAM INFORMATION
S403 RECEIVE THE AT LEAST ONE WAVE BEAM INFORMATION SENT BY THE SENDING END DEVICE
S404 THE RECEIVING END DEVICE SELECTS RECEIVED WAVE BEAMS FROM WAVE BEAMS SENT BY THE SENDING END DEVICE ACCORDING TO THE AT LEAST ONE WAVE BEAM INFORMATION
AA SENDING END DEVICE
BB RECEIVING END DEVICE

(57) Abstract: Embodiments of the present invention relate to the field of communications, and provide a wave beam selection method, apparatus and system. The method comprises: a receiving end device receives at least one set of wave beam corresponding information sent by a sending end device, each set of wave beam corresponding information including a correspondence relation between a first wave beam and at least one second wave beam; and select, according to the at least one set of wave beam corresponding information, received wave beams from wave beams sent by the sending end device, i.e., the receiving end device may quickly selects, according to the correspondence relation between the first wave beam and the second wave beam sent by the sending end device, received wave beams from wave beams sent by the sending end device, so that the step or times for measuring the signal quality of wave beams during data receiving process are reduced, thereby reducing the time spent on measuring wave beams, accelerating the process of wave beam measurement and selection of the receiving end device, simplifying the complexity of data receiving, and lowering the time delay of data receiving.

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本国际公布:

— 包括国际检索报告(条约第21条(3))。

(57) 摘要: 本发明实施例提供了一种波束选择方法、装置及系统, 涉及通信领域, 所述方法包括: 接收端设备接收发送端设备发送的至少一组波束对应信息, 每组所述波束对应信息中包含一个第一波束与至少一个第二波束之间的对应关系, 根据所述至少一组波束对应信息, 从所述发送端设备发送的各个波束中选择接收的波束, 即接收端设备可以根据发送端设备发送的第一波束与第二波束之间的对应关系, 从发送端设备发送的各个波束中快速选择接收的波束, 减少了数据接收过程中对波束的信号质量进行测量的步骤或次数, 从而减少波束测量所耗费的时间, 加速接收端设备的波束测量和选择的过程, 简化数据接收的复杂度, 降低数据接收的时延。