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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: METHOD AND APPARATUS FOR DETERMINING CROSS-CARRIER WAVE BEAM SERVICE TIME

(54) 发明名称: 一种跨载波的波束使用时间的确定方法及其装置

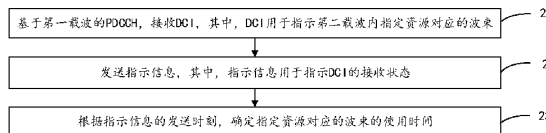


图 2

21 Receive DCI on the basis of a PDCCH of a first carrier, the DCI being used for indicating a wave beam corresponding to a specified resource in a second carrier
22 Send indication information, the indication information being used for indicating a receiving state of the DCI
23 Determine, according to the sending moment of the indication information, the service time of the wave beam corresponding to the specified resource

(57) Abstract: Disclosed in embodiments of the present invention are a method and apparatus for determining a cross-carrier wave beam service time, which can be applied to the technical field of communications. The method executed by a terminal device comprises: receiving downlink control information (DCI) on the basis of a physical downlink control channel (PDCCH) of a first carrier, the DCI being used for indicating a wave beam corresponding to a specified resource in a second carrier; sending indication information, the indication information being used for indicating a receiving state of the DCI; and determining, according to the sending moment of the indication information, the service time of the wave beam corresponding to the specified resource. Therefore, the terminal device and a network device can keep consistent understanding on the cross-carrier wave beam service time, such that the wave beam consistency is ensured, the influence on communication transmission is reduced, and the performance based on wave beam transmission is improved.

(57) 摘要: 本公开实施例公开了一种跨载波的波束使用时间的确定方法及其装置, 可应用于通信技术领域, 其中, 由终端设备执行的方法包括: 基于第一载波的物理下行控制信道PDCCH, 接收下行控制信息DCI, 其中, 所述DCI用于指示第二载波内指定资源对应的波束; 发送指示信息, 其中, 所述指示信息用于指示所述DCI的接收状态; 根据所述指示信息的发送时刻, 确定所述指定资源对应的波束的使用时间。由此, 可使终端设备和网络设备对于跨载波的波束使用时间保持一致理解, 从而保证了波束一致性, 减少了对通信传输造成的影响, 提高了基于波束传输的性能。

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