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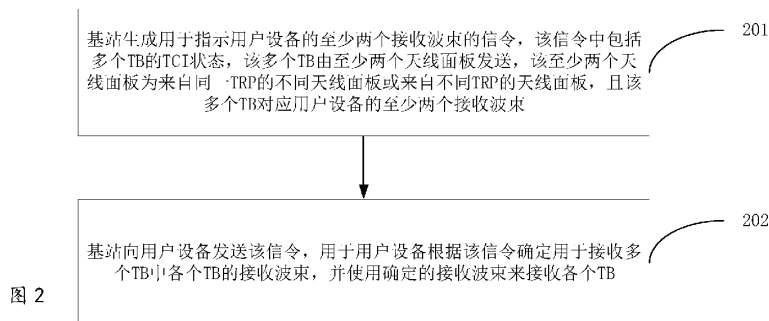
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(54) Title: DATA TRANSMISSION METHOD, BASE STATION, USER EQUIPMENT AND STORAGE MEDIUM

(54) 发明名称: 数据传输方法、基站、用户设备及存储介质



201 A BASE STATION GENERATES SIGNALING USED TO INDICATE AT LEAST TWO RECEIVE BEAMS OF USER EQUIPMENT, THE SIGNALING COMPRISING TCI STATES OF MULTIPLE TBS, THE MULTIPLE TBS BEING SENT BY AT LEAST TWO PANELS, THE AT LEAST TWO PANELS BEING DIFFERENT PANELS FROM THE SAME TRP OR PANELS FROM DIFFERENT TRPS, AND THE MULTIPLE TBS CORRESPONDING TO THE AT LEAST TWO RECEIVE BEAMS OF THE USER EQUIPMENT

202 THE BASE STATION SENDS THE SIGNALING TO THE USER EQUIPMENT, USED FOR THE USER EQUIPMENT TO DETERMINE RECEIVE BEAMS OF EACH TB AMONG THE MULTIPLE TBS ACCORDING TO THE SIGNALING, AND TO USE THE DETERMINED RECEIVE BEAMS TO RECEIVE EACH TB

(57) Abstract: The present disclosure relates to a data transmission method, a base station, user equipment and a storage medium, in the technical field of communications. The method comprises: a base station generating signaling used to indicate at least two receive beams of user equipment, the signaling comprising TCI states of multiple TBs, the multiple TBs being sent by at least two panels, the at least two panels being different panels from the same TRP or panels from different TRPs, and the multiple TBs corresponding to the at least two receive beams of the user equipment; the base station sending the signaling to the user equipment, used for the user equipment

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to determine receive beams of each TB among the multiple TBs according to the signaling, and to use the determined receive beams to receive each TB. The present disclosure designs new signaling, enabling user equipment to use multiple receive beams to perform data reception when a base station is using multiple send beam directions to perform data sending, making it possible for the base station and the user equipment to perform data transmission via multiple beams.

(57) 摘要: 本公开是关于一种数据传输方法、基站、用户设备及存储介质, 属于通信技术领域。所述方法包括: 基站生成用于指示用户设备的至少两个接收波束的信令, 所述信令中包括多个TB的TCI状态, 所述多个TB由至少两个panel发送, 所述至少两个panel为来自同一TRP的不同panel或来自不同TRP的panel, 且所述多个TB对应所述用户设备的至少两个接收波束; 所述基站向所述用户设备发送所述信令, 用于所述用户设备根据所述信令确定用于接收所述多个TB中各个TB的接收波束, 并使用确定的接收波束来接收所述各个TB。本公开设计了新的信令, 实现了基站使用多个发送波束方向进行数据发送时, 用户设备能够使用多个接收波束进行数据接收, 使得基站与用户设备通过多波束进行数据传输成为可能。