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- (81) 指定国(除另有指明, 要求每一种可提供的国家保护): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX,

(54) Title: BEAM INDICATION METHOD AND APPARATUS, AND COMMUNICATION DEVICE

(54) 发明名称: 波束指示方法、装置及通信设备

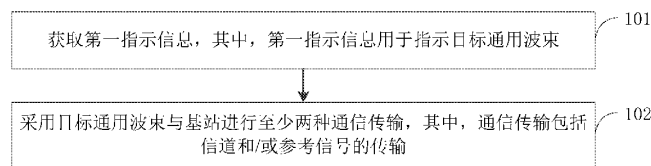


图 1

- 101 OBTAIN FIRST INDICATION INFORMATION, WHEREIN THE FIRST INDICATION INFORMATION IS USED FOR INDICATING A TARGET UNIVERSAL BEAM
- 102 USE THE TARGET UNIVERSAL BEAM AND A BASE STATION TO PERFORM AT LEAST TWO KINDS OF COMMUNICATION TRANSMISSION, WHEREIN THE COMMUNICATION TRANSMISSION COMPRISES THE TRANSMISSION OF A CHANNEL AND/OR A REFERENCE SIGNAL

(57) Abstract: The present disclosure relates to the technical field of wireless communications, and provides a beam indication method and apparatus, and a communication device. The method comprises: a network device transmits, to a UE, first indication information used for indicating a target universal beam, so that after receiving the first indication information transmitted by the network device, the UE and the network device apply the target universal beam on at least two channels, or at least two reference signals, or at least one reference signal and at least one channel to perform communication transmission. Since the first indication information of the target universal beam is only transmitted once, the target universal beam can be used for multiple kinds of communication transmission, including reference signal transmission and channel transmission, thereby avoiding separately performing beam indication for each channel transmission or reference signal transmission, and reducing signaling overhead.

(57) 摘要: 本公开提出一种波束指示方法、装置及通信设备, 属于无线通信技术领域。其中, 该方法包括: 通过网络设备向UE发送用于指示目标通用波束的第一指示信息, 从而UE在接收到网络设备发送的第一指示信息之后, 与网络设备在至少两信道, 或者至少两参考信号, 又或者至少一参考信号和至少一信道上应用该目标通用波束进行通信传输。由于仅发送一次该目标通用波束的第一指示信息, 便可以将该目标通用波束用于包括参考信号传输和信道传输在内的多种通信传输, 从而避免了针对每一个信道传输或者参考信号传输分别进行波束的指示, 节省了信令开销。

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