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(54) **Title:** METHOD FOR DATA TRANSMISSION BY MAPPING AND RELATED PRODUCT

(54) 发明名称: 实现数据映射传输的方法及相关产品

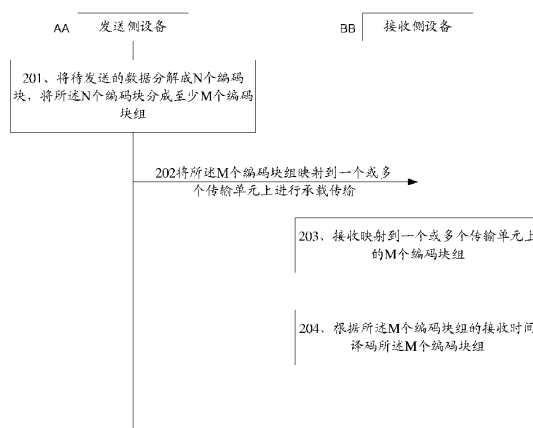


图 2

- 201 Decompose data to be sent into N encoding blocks, and divide the N encoding blocks into at least M encoding block groups
202 Map the M encoding block groups to one or more transmission units for bearer transmission
203 Receive the M encoding block groups mapped to the one or more transmission units
204 Decode the M encoding block groups according to receiving times of the M encoding block groups
AA Sending side device
BB Receiving side device

(57) **Abstract:** Embodiments of the present invention disclose a method for data transmission by mapping and a related product. The method comprises: decomposing data to be sent into N encoding blocks, and dividing the N encoding blocks into at least M encoding block groups; and mapping the M encoding block groups to one or more transmission units for bearer transmission, the M encoding block groups comprising at least a first encoding block group and a second encoding block group, the one or more transmission units comprising at least a first physical resource corresponding to the first encoding block group and a second physical resource correspond-

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QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM,
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ing to the second encoding block group, an information capacity parameter of the first encoding block group and an information capacity parameter of the second encoding block group satisfying a preset relationship, and a time-domain location of the first physical resource being earlier than a time-domain location of the second physical resource. The embodiments of the present invention are advantageous for reducing data transmission delays of communication systems and improving data transmission efficiency and user experience.

(57) 摘要: 本发明实施例公开了一种实现数据映射传输的方法及相关产品, 包括: 将待发送的数据分解成N个编码块, 将N个编码块分成至少M个编码块组; 将M个编码块组映射到一个或多个传输单元上进行承载传输, M个编码块组至少包含第一编码块组和第二编码块组, 一个或多个传输单元至少包含第一编码块组对应的第一物理资源和第二编码块组对应的第二物理资源, 第一编码块组的信息量参数与第二编码块组的信息量参数满足预置关系, 第一物理资源的时域位置早于第二物理资源的时域位置。本发明实施例有利于降低通信系统的数据传输时延, 提高数据传输效率, 提升用户体验。