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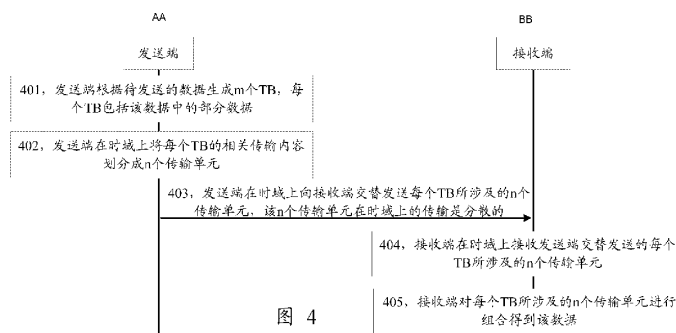
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(54) Title: DATA TRANSMISSION METHOD, DEVICE, EQUIPMENT AND SYSTEM, AND STORAGE MEDIUM

(54) 发明名称: 数据传输方法、装置、设备、系统及存储介质



401 A transmitting terminal generating m transport blocks (TB) according to data to be transmitted, each TB comprising partial data from within the data
402 The transmitting terminal dividing transmission content related to each TB into n transmission units within a time domain
403 The transmitting terminal transmitting the n transmission units related to each TB alternately to a receiving terminal in the time domain, the transmission of the n transmission units in the time domain being scattered
404 A receiving terminal receiving the n transmission units related to the each TB transmitted alternately by the transmitting terminal in the time domain
405 The receiving terminal combining the n transmission units related to the each TB to obtain the data
AA Transmitting terminal
BB Receiving terminal

(57) Abstract: The present application relates to the technical field of communications, and provided thereby are a data transmission method, device, equipment and system and a storage medium. The method comprises: generating m transport blocks (TB) according to data to be transmitted, each TB comprising partial data from within the data, and $m \geq 2$; dividing transmission content related to each TB into n transmission units within a time domain, wherein $n \geq 2$; and transmitting the n transmission units related to each TB alternately to a receiving terminal in the time domain, the transmission of the n transmission units in the time domain being scattered. In the present application, the transmission content related to each TB is first divided into n transmission units, and then the n transmission units related to the each TB are alternately transmitted, so as to achieve scattered transmission of the n transmission units in the time domain, thereby avoiding the problem of not all of the data in the TB being able to be received correctly because the channel state is unstable when the n transmission units are transmitted in a concentrated manner, and thus improving the accuracy of data transmission.

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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: 本申请关于一种数据传输方法、装置、设备、系统及存储介质, 属于通信技术领域。所述方法包括: 根据待发送的数据生成 m 个传输块TB, 每个TB包括所述数据中的部分数据, $m \geq 2$; 在时域上将每个TB的相关传输内容划分成 n 个传输单元, $n \geq 2$; 在时域上向接收端交替发送每个TB所涉及的 n 个传输单元, 所述 n 个传输单元在时域上的传输是分散的。本申请先将每个TB的相关传输内容划分成 n 个传输单元, 再交替发送每个TB所涉及的 n 个传输单元, 以实现在时域上分散传输该 n 个传输单元, 从而避免了集中传输 n 个传输单元时信道状态不稳定, 导致该TB中的所有数据无法被正确接收的问题, 提高了数据传输的准确性。