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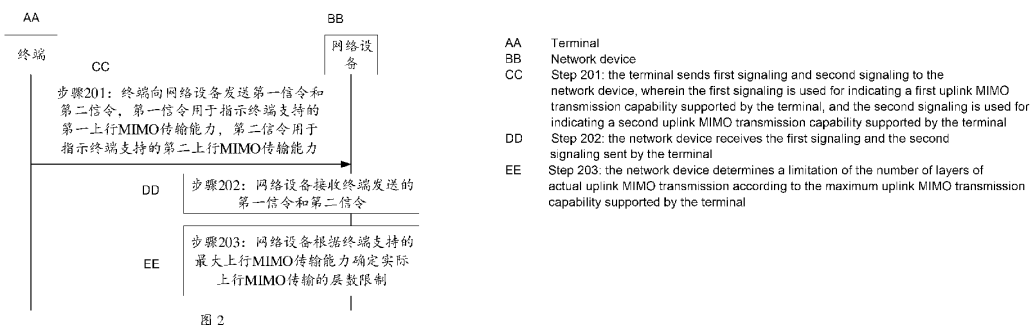
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(54) **Title:** TRANSMISSION CAPABILITY REPORTING METHOD AND APPARATUS, TRANSMISSION CAPABILITY RE-
CEIVING METHOD AND APPARATUS, AND DEVICE AND STORAGE MEDIUM

(54) 发明名称: 传输能力的上报、接收方法、装置、设备及存储介质



(57) **Abstract:** The present application relates to the field of mobile communications. Disclosed are an uplink MIMO transmission capability reporting method and apparatus, an uplink MIMO transmission capability receiving method and apparatus, and a device and a storage medium. The method comprises: a terminal sending first signaling and second signaling to a network device, the first signaling being used for indicating a first uplink MIMO transmission capability supported by the terminal, and the second signaling being used for indicating a second uplink MIMO transmission capability supported by the terminal, wherein the first uplink MIMO transmission capability is not lower than the second uplink MIMO transmission capability, that is, the terminal supports a greater uplink MIMO transmission capability, and a greater MIMO transmission capability may also be reported by means of the first signaling, so as to support the terminal to report a greater uplink MIMO transmission capability. The method is used for matching an actual system uplink transmission capability for supporting a network to schedule the higher number of data layers, thereby realizing a higher uplink transmission rate.

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RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI,
CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG)。

本国际公布:

— 包括国际检索报告(条约第21条(3))。

(57) 摘要: 本申请公开了一种上行MIMO传输能力的上报、接收方法、装置、设备及存储介质, 涉及移动通信领域。该方法包括: 终端向网络设备发送第一信令和第二信令, 所述第一信令用于指示所述终端支持的第一上行MIMO传输能力, 所述第二信令用于指示所述终端支持的第二上行MIMO传输能力; 其中, 所述第一上行MIMO传输能力不低于所述第二上行MIMO传输能力, 即终端支持更大的上行MIMO传输能力, 也可以通过第一信令来上报更高的MIMO传输能力, 支持终端上报更大的上行MIMO传输能力, 用于匹配实际的系统上行传输能力, 支持网络调度更高的数据层数, 实现更高的上行传输速率。