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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,

(54) **Title:** DATA TRANSMISSION METHOD BASED ON BUS TECHNOLOGY, AND RELATED APPARATUS

(54) 发明名称: 一种基于总线技术的数据传输方法及相关装置

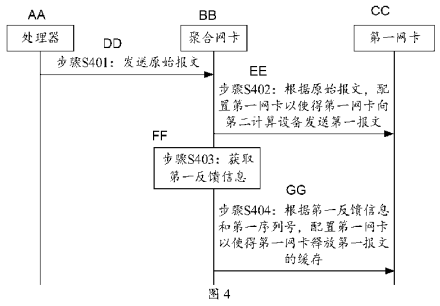


图 4

AA PROCESSOR
BB AGGREGATED NETWORK INTERFACE CARD
CC FIRST NETWORK INTERFACE CARD
DD STEP S401: SEND AN ORIGINAL PACKET
EE STEP S402: ON THE BASIS OF THE ORIGINAL PACKET, CONFIGURE THE FIRST NETWORK INTERFACE CARD, SUCH THAT THE FIRST NETWORK INTERFACE CARD SENDS A FIRST PACKET TO A SECOND COMPUTING DEVICE
FF STEP S403: ACQUIRE FIRST FEEDBACK INFORMATION
GG STEP S404: ON THE BASIS OF THE FIRST FEEDBACK INFORMATION AND A FIRST SEQUENCE NUMBER, CONFIGURE THE FIRST NETWORK INTERFACE CARD, SUCH THAT THE FIRST NETWORK INTERFACE CARD RELEASES THE BUFFER OF THE FIRST PACKET

(57) **Abstract:** Provided in the present application are a data transmission method based on bus technology, and a related apparatus, which are applied to the technical field of computers. In the embodiments of the present application, a sequence number of a packet and feedback information from a second computing device are both synchronized to an aggregated network interface card and centrally managed and configured by the aggregated network interface card, and after the aggregated network interface card confirms a network interface card corresponding to the sending of the packet, the aggregated network interface card notifies the network interface card, which is to send the corresponding packet, to release a packet buffer, so that the reliable transmission of data between network devices can be effectively ensured, and it is effectively ensured that data buffered in a physical network interface card is released, thereby avoiding the situation of buffer overflows occurring due to a network interface card that is required to release a packet buffer being incapable of releasing the packet buffer.

(57) 摘要: 本申请提供一种基于总线技术的数据传输方法及相关装置，应用于计算机技术领域。本申请实施例通过将报文的序列号和来自第二计算设备的反馈信息均同步到聚合网卡上，由聚合网卡统一进行管理配置，在聚合网卡确认发送报文对应的网卡后，由聚合网卡通知发送对应报文的网卡释放报文的缓存，能够保证数据在网络设备之间的可靠传输，以及有效保证物理网卡内缓存的数据得到释放，避免出现有需要释放报文缓存的网卡无法释放，导致缓存溢出的情况。

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