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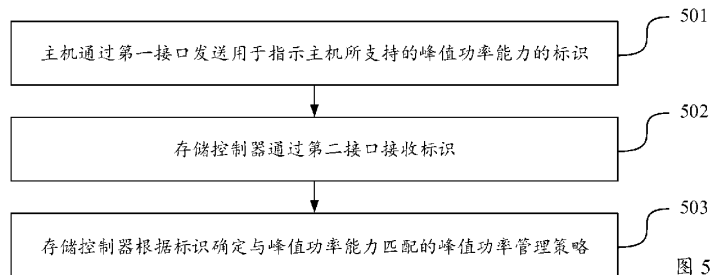
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(54) **Title:** SYSTEM UNIT, SYSTEM, AND CONTROL METHOD

(54) 发明名称: 主机、系统及控制方法



501 A system unit sends, by means of a first interface, an identifier for indicating a peak power capability supported by the system unit
502 A storage controller receives the identifier by means of a second interface
503 On the basis of the identifier, the storage controller determines a peak power management strategy matching the peak power capability

(57) **Abstract:** The present application relates to the technical field of storage, and discloses a system unit, a system, and a control method. The system comprises a system unit and a storage system. The system unit sends an identifier for indicating a peak power capability supported by the system unit to a storage controller of the storage system by configuring a first interface. After receiving the identifier by means of a second interface, the storage controller determines a peak power management strategy on the basis of the identifier, and processes an I/O request on the basis of the determined peak power management strategy. By using the present application, the storage controller of the storage system can sense the peak power capability supported by the system unit, and then can determine the peak power management strategy on the basis of the sensed peak power capability, so that the storage performance of the storage system can be fully exerted.

(57) **摘要:** 本申请公开了一种主机、系统及控制方法, 属于存储技术领域。其中, 系统包括主机和存储系统, 主机通过配置第一接口向存储系统的存储控制器发送用于指示主机所支持的峰值功率能力的标识。存储控制器通过第二接口接收到标识后, 根据标识确定峰值功率管理策略, 并根据确定的峰值功率管理策略处理I/O请求。采用本申请, 存储系统的存储控制器能够感知主机支持的峰值功率能力, 然后可以根据感知峰值功率能力, 确定的峰值功率管理策略, 能够使得存储系统的存储性能得到充分的发挥。

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