

(12) 按照专利合作条约所公布的国际申请

(19) 世界知识产权组织
国际局



(43) 国际公布日:

2005年6月2日(02.06.2005)

PCT

(10) 国际公布号:

WO 2005/050452 A1

- (51) 国际分类号⁷: G06F 12/00
- (21) 国际申请号: PCT/CN2004/001320
- (22) 国际申请日: 2004年11月19日(19.11.2004)
- (25) 申请语言: 中文
- (26) 公布语言: 中文
- (30) 优先权:
200310115102.X 2003年11月21日(21.11.2003) CN
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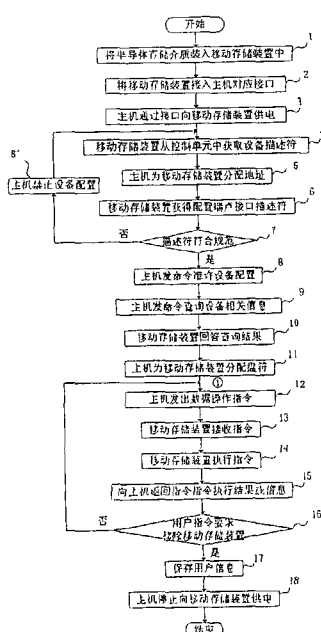
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(54) Title: THE METHOD FOR MANAGING THE DATA IN A REMOVABLE MEMORY

(54) 发明名称: 移动存储装置的数据管理方法



- 1 LOAD THE SEMICONDUCTOR STORAGE MEDIUM INTO THE REMOVABLE MEMORY
- 2 LOAD THE REMOVABLE MEMORY INTO THE INTERFACE CORRESPONDING TO THE HOST
- 3 THE HOST POWERS ON THE REMOVABLE MEMORY THROUGH THE INTERFACE
- 4 THE REMOVABLE MEMORY OBTAINS THE DEVICE DESCRIPTORS FROM THE CONTROL UNIT
- 5 THE HOST DISTRIBUTES AND ADDRESS TO THE REMOVABLE MEMORY
- 6 THE REMOVABLE MEMORY OBTAINS THE CONFIGURATION INFORMATION FROM THE HOST
- 7 THE DESCRIPTORS MEET THE CRITERION?
- 8 THE HOST SENDS OUT COMMANDS TO PERMIT THE DEVICE CONFIGURATION
- 9 THE HOST SENDS OUT COMMANDS TO INQUIRE THE DEVICE ASSOCIATED INFORMATION
- 10 THE REMOVABLE MEMORY ANSWERS THE INQUIRYING REQUEST
- 11 THE HOST DISTRIBUTES THE DATA OPERATING INSTRUCTIONS TO THE REMOVABLE MEMORY
- 12 THE REMOVABLE MEMORY RECEIVES THE INSTRUCTIONS
- 13 THE REMOVABLE MEMORY EXECUTES THE INSTRUCTIONS
- 14 THE REMOVABLE MEMORY SENDS THE EXECUTING RESULTS OR INFORMATION BACK TO THE HOST
- 15 THE USER INSTRUCTION CLAIMS TO DELETE THE REMOVABLE MEMORY?
- 16 SAVE THE USER INFORMATION
- 17 THE HOST POWERS OFF THE REMOVABLE MEMORY
- 18 THE HOST POWERS OFF THE REMOVABLE MEMORY
- A START B END C YES D NO

(57) Abstract: The invention provides a method for managing the data in the removable memory. The method includes: applying or organizing or establishing or re-building the file managing system of the storage medium of said removable memory according to the uses of said memory chips; and utilizing said file managing system to perform the corresponding processing in said memory chips according to the operation instructions of the host system, which is connected with said file managing system. By applying the method for managing the data in the removable memory, which the invention provides, the capacitance of the removable memory can be extended, and the storage medium can be updated, thus the data security, the functions and the convenience of the system are increased.



(57) 摘要

本发明提供一种移动存储装置的数据管理方法。该方法包括：根据所述存储芯片的使用情况，采用或组织或建立或重建所述移动存储装置存储介质的文件管理系统；和根据与所述移动存储装置连接的主机系统的操作指令，利用所述文件管理系统在所述存储芯片中进行相应的操作。采用本发明提供的移动存储装置的数据管理方法，可以实现移动存储装置容量扩充、存储介质更新，提高了数据安全性及系统的功能和易用性。