

Title (en)

HOST POWER DELIVERY FROM DUAL PORT PERIPHERAL DEVICE

Title (de)

HOST-NETZTEIL VON PERIPHERIEVORRICHTUNG MIT ZWEI ANSCHLÜSSEN

Title (fr)

DISTRIBUTION DE PUISSANCE À UN HÔTE À PARTIR D'UN DISPOSITIF PÉRIPHÉRIQUE À DEUX PORTS

Publication

EP 4004681 A1 20220601 (EN)

Application

EP 19790780 A 20190731

Priority

IB 2019000911 W 20190731

Abstract (en)

[origin: WO2021019271A1] Apparatus and method for distributing power to a host computer (112). A first serial cable (145) establishes a first data link (146) and a first power transfer link (148) between a first serial port of a peripheral device (110) and the host computer. A second serial cable establishes a second data link (146) and a second power transfer link (148) between a second port of the peripheral device and an external power supply unit (PSU). A peripheral controller circuit (114) detects available power from the external PSU at a level suitable for use by the host device, notifies the host computer of the available power from the external PSU, and interconnects the first and second serial ports to flow the available power to the host device via the first and second power transfer links. The peripheral device may take the form of a solid-state drive (SSD) (110) with a non-volatile memory (118), such as flash memory.

IPC 8 full level

G06F 1/26 (2006.01)

CPC (source: EP)

G06F 1/266 (2013.01)

Citation (search report)

See references of WO 2021019271A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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