

Title (en)

POWER MANAGING IN A SYSTEM HAVING INTERNAL USB HUB

Title (de)

ENERGIEVERWALTUNG IN EINEM SYSTEM MIT INTERNEM USB-VERTEILER

Title (fr)

GESTION DE LA PUISSANCE DANS UN SYSTEME DOTE D'UN CONCENTRATEUR USB INTERNE

Publication

EP 1360571 A4 20090304 (EN)

Application

EP 01273738 A 20011211

Priority

- US 0147259 W 20011211
- US 26300701 P 20010118
- US 80265901 A 20010309

Abstract (en)

[origin: WO02065264A1] A method and system for managing power in a computer system is disclosed. The computer system (100) includes a host (102). The method and system include providing a Universal Serial Bus (USB) hub (106), at least one USB connector (104, 108, 110) and attach/removal detection logic (120). The at least one USB connector is coupled with the USB hub. The attach/removal detection logic is coupled with the USB hub. The attach/removal detection logic determines whether a USB device is connected to the at least one USB connector, logically decouples the USB hub from the host if the USB device is not connected to the at least one USB connector and logically couples the USB hub to the host if the USB device is connected to the at least one USB connector.

IPC 1-7

G06F 1/32; **G06F 13/10**

IPC 8 full level

G06F 1/32 (2006.01); **G06F 13/40** (2006.01)

CPC (source: EP KR)

G06F 1/32 (2013.01 - EP KR); **G06F 13/4081** (2013.01 - EP)

Citation (search report)

- [X] US 6105097 A 20000815 - LARKY STEVEN P [US], et al
- [X] US 5799196 A 19980825 - FLANNERY MICHAEL R [US]
- [A] US 5675813 A 19971007 - HOLMDAHL TODD E [US]
- See also references of WO 02065264A1

Cited by

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02065264 A1 20020822; CN 1256643 C 20060517; CN 1578941 A 20050209; CZ 20031965 A3 20031112; EP 1360571 A1 20031112; EP 1360571 A4 20090304; HU P0302769 A2 20031128; HU P0302769 A3 20050829; JP 2004521419 A 20040715; JP 3810368 B2 20060816; KR 100523417 B1 20051025; KR 20030070915 A 20030902; PL 205182 B1 20100331; PL 362602 A1 20041102; TW I222553 B 20041021

DOCDB simple family (application)

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