

Title (en)
Intelligent power switch off device for power strips

Title (de)
Intelligentes Abschaltungsgerät für Energieleiste

Title (fr)
Dispositif de mise hors tension intelligente pour barrettes d'énergie

Publication
EP 2290759 A1 20110302 (EN)

Application
EP 10174143 A 20100826

Priority
IT PO20090012 A 20090826

Abstract (en)
The present invention allows the user to connect the same power strip both to devices which must be often switched on and off, allowing to switch them on and off by means of any infrared remote control, and devices which must always be kept in the "on" mode. The presence of the removable element also allows a better flexibility of use for the power strip, since it can be removed and used in an autonomous manner with respect to the power strip itself, e.g., as a charging element for devices such as cellular phones, MP3 readers, iPods, and all the devices which can be charged by means of a USB port. The power strip of the invention is provided with a USB port for the connection to a computer. This feature allows to plug in a computer to fixed-voltage sockets together with other peripheral devices which must always be kept in the "on" mode, (such as modems). The USB port gets voltage when the computer is switched on, transmitting the switch-on pulse to the remote-controlled sockets to which the peripheral devices that are to be kept in the "off" mode are connected when the computer is switched off (e.g., loudspeakers, external hard drives, printers, and similar). Similarly, when the computer is switched off the USB port is not powered, switching off also the remote-controlled sockets.

IPC 8 full level
H01R 13/703 (2006.01); **H01R 25/00** (2006.01); **H01R 27/02** (2006.01); **H01R 31/02** (2006.01)

CPC (source: EP)
H01R 13/7038 (2013.01); **H01R 25/00** (2013.01); **H01R 27/02** (2013.01); **H01R 31/02** (2013.01)

Citation (search report)
• [X] WO 2007143496 A2 20071213 - EVEREADY BATTERY INC [US], et al
• [X] EP 2045885 A2 20090408 - BELKIN INTERNATIONAL INC [US]
• [X] US 2008258563 A1 20081023 - HODGES JONAS JOEL [US]
• [X] US 2009195970 A1 20090806 - LEE YU-LUNG [TW], et al

Cited by
US11374412B2; US9490664B2; WO2014066639A1; WO2018157360A1; WO2013098649A3

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2290759 A1 20110302; IT PO20090012 A1 20110227

DOCDB simple family (application)
EP 10174143 A 20100826; IT PO20090012 A 20090826