

Title (en)

A system protecting electric equipment against disconnection from the power supply network

Title (de)

System zum Schutz eines elektrischen Geräts vor der Trennung von einem Stromversorgungsnetzwerk

Title (fr)

Système protégeant un équipement électrique contre la déconnexion du réseau d'alimentation électrique

Publication

**EP 2551967 B1 20171129 (EN)**

Application

**EP 11460039 A 20110727**

Priority

EP 11460039 A 20110727

Abstract (en)

[origin: EP2551967A1] The invention relates to a system protecting electric equipment against disconnection from the power supply network, applicable in household and/or office electronic equipment supplied from a common central AC/DC power supply unit. The system comprises an AC supply source electrically connected with a central AC/DC power supply unit (1) fitted with at least one output for electric wires (2) for transmitting direct current of different voltage values and it is fitted with at least one plug-in socket (9a, 9b) to energize in it household receivers (5) supplied with direct current. The system according to the invention is characterized by the fact that it comprises a disconnecting module (3) which is connected into the system between the central AC/DC power supply unit (1) and the contacts (4) of the plug-in socket (9a,9b). The plug-in socket (9a,9b) is fitted with a monitoring system (7) which is connected with the disconnecting module (3).

IPC 8 full level

**H01R 13/639** (2006.01); **H01R 13/703** (2006.01); **H01R 13/713** (2006.01)

CPC (source: EP)

**H01R 13/7038** (2013.01); **H01R 13/713** (2013.01)

Citation (examination)

US 6683766 B1 20040127 - GUO SAM YONGHONG [US], et al

Cited by

US10483693B2; US9666977B2

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 RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2551967 A1 20130130; EP 2551967 B1 20171129**

DOCDB simple family (application)

**EP 11460039 A 20110727**