

Title (en)

DEVICE FOR AUTOMATICALLY SWITCHING OFF OR SWITCHING AN ELECTRICAL CONSUMER

Title (de)

VORRICHTUNG ZUM SELBSTTÄTIGEN ABSCHALTEN ODER SCHALTEN EINES ELEKTRISCHEN VERBRAUCHERS

Title (fr)

DISPOSITIF DE MISE HORS CIRCUIT OU MISE EN CIRCUIT AUTOMATIQUE D'UN RÉCEPTEUR ÉLECTRIQUE

Publication

EP 2020074 A2 20090204 (DE)

Application

EP 07725268 A 20070516

Priority

- EP 2007004352 W 20070516
- DE 102006025607 A 20060524

Abstract (en)

[origin: WO2007134767A2] The invention relates to a device (1) for automatically switching off or switching an electrical consumer (10), said device (1) having an electronic actuating element (36), connected in series to a load line (38) of the electrical consumer (10), and a control unit (40) which evaluates, in accordance with a trigger characteristic, a current $i(t)$ flowing through the load line (38) and controls the electronic actuating element (36), especially switches off the electrical consumer (10). The invention is characterized in that the device (1) has at least one adjusting element (46, 52) which is mechanically accessible from the exterior, and which can be manually actuated directly or manually actuated indirectly, using a tool, and which is used to adjust the trigger characteristic within predetermined limits.

IPC 8 full level

H01H 71/74 (2006.01); **H02H 3/00** (2006.01)

CPC (source: EP)

H01H 71/74 (2013.01); **H01H 71/0271** (2013.01); **H01H 71/082** (2013.01); **H01H 2071/7472** (2013.01)

Citation (search report)

See references of WO 2007134767A2

Cited by

DE102019006330A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

DE 102006025607 A1 20071129; DK 2020074 T3 20120730; EP 2020074 A2 20090204; EP 2020074 B1 20120704; ES 2386648 T3 20120824; PL 2020074 T3 20121130; WO 2007134767 A2 20071129; WO 2007134767 A3 20080313

DOCDB simple family (application)

DE 102006025607 A 20060524; DK 07725268 T 20070516; EP 07725268 A 20070516; EP 2007004352 W 20070516; ES 07725268 T 20070516; PL 07725268 T 20070516