

Title (en)

ELECTRONIC DEVICE FOR COMMUTATION OF ELECTRIC LOAD CONTROLLED BY A MICROCONTROLLER

Title (de)

ELEKTRONISCHE EINRICHTUNG ZUR KOMMUTATION EINER DURCH EINE MIKROSTEUERUNG GESTEUERTEN ELEKTRISCHEN LAST

Title (fr)

DISPOSITIF ELECTRONIQUE DE COMMUTATION DE CHARGE ELECTRIQUE COMMANDE PAR MICROCONTROLEUR

Publication

EP 1963933 A2 20080903 (FR)

Application

EP 06842125 A 20061208

Priority

- FR 2006051314 W 20061208
- FR 0553984 A 20051222

Abstract (en)

[origin: FR2895535A1] The device has a positive switched supply larger than a voltage (Vcc) and connected by a resistive polarization device (14) to a microcontroller (12) for serving as a safety barrier. An interface device (18) permits to know the presence or absence of the switched supply. The positive switched supply is common to devices of a host system (22) e.g. side lamp, whose active state represents an overall operation phase of the host system. An independent claim is also included for a method for operating an electronic circuit for switching electric charge.

IPC 8 full level

B60R 16/00 (2006.01); **G05B 19/042** (2006.01); **H01H 47/00** (2006.01)

CPC (source: EP US)

B60R 16/03 (2013.01 - EP US)

Citation (search report)

See references of WO 2007074257A2

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

FR 2895535 A1 20070629; FR 2895535 B1 20080215; EP 1963933 A2 20080903; JP 2009525902 A 20090716; JP 5052526 B2 20121017; US 2009091374 A1 20090409; US 7808130 B2 20101005; WO 2007074257 A2 20070705; WO 2007074257 A3 20080327

DOCDB simple family (application)

FR 0553984 A 20051222; EP 06842125 A 20061208; FR 2006051314 W 20061208; JP 2008546541 A 20061208; US 15817306 A 20061208