

Title (en)

OPERATING DEVICE FOR AN ILLUMINANT AND METHOD FOR OPERATING AN OPERATING DEVICE

Title (de)

BETRIEBSGERÄT FÜR EIN LEUCHTMITTEL UND VERFAHREN ZUM BETREIBEN EINES BETRIEBSGERÄTS

Title (fr)

APPAREIL DE FONCTIONNEMENT POUR UN MOYEN D'ÉCLAIRAGE ET PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER LEDIT APPAREIL DE FONCTIONNEMENT

Publication

**EP 2837261 A1 20150218 (DE)**

Application

**EP 13725049 A 20130415**

Priority

- DE 102012007453 A 20120413
- DE 102012014308 A 20120719
- AT 2013000071 W 20130415

Abstract (en)

[origin: WO2013152373A1] An operating device (2) for an illuminant (3) comprises a power factor correction circuit (20), a transformer (30), which is connected to the power factor correction circuit (20) and has an output (41) for supplying power to the illuminant (3), and a control device (14) having an input (51) for sensing the voltage (Vbus) that is provided for the transformer (30) by the power factor correction circuit (20). The control device (14) is set up to perform an evaluation of voltage ripples in the voltage (Vbus) and to take the evaluation as a basis for determining a load (3) connected to the output (41) of the transformer (30) and/or an output power from the transformer (30).

IPC 8 full level

**H05B 33/08** (2006.01); **H05B 44/00** (2022.01); **H05B 45/59** (2022.01)

CPC (source: EP US)

**H05B 45/14** (2020.01 - EP US); **H05B 45/59** (2022.01 - EP US)

Citation (search report)

See references of WO 2013152373A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102012014308 A1 20131017**; CN 104412707 A 20150311; CN 104412707 B 20170308; EP 2837261 A1 20150218; EP 2837261 B1 20181010; WO 2013152373 A1 20131017

DOCDB simple family (application)

**DE 102012014308 A 20120719**; AT 2013000071 W 20130415; CN 201380019677 A 20130415; EP 13725049 A 20130415