

Title (en)

OPERATING DEVICE, LUMINAIRE, AND METHOD FOR OPERATING AN ILLUMINATION MEANS

Title (de)

BETRIEBSGERÄT, LEUCHTE UND VERFAHREN ZUM BETREIBEN EINES LEUCHTMITTELS

Title (fr)

APPAREIL DE COMMANDE, LAMPE ET PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN MOYEN D'ÉCLAIRAGE

Publication

EP 3127401 A1 20170208 (DE)

Application

EP 15722348 A 20150325

Priority

- AT 1482014 U 20140331
- DE 102014206021 A 20140331
- AT 2015050076 W 20150325

Abstract (en)

[origin: WO2015149096A1] An operating device (1) for at least one light emitting diode (21) comprises a power factor correction circuit (11) for supplying a DC voltage (VBUS) as well as a control unit (13) for controlling the power factor correction circuit (11). The control unit (13) is designed to adjust the DC voltage (VBUS) in accordance with an LED current (ILED) in the at least one light emitting diode (21).

IPC 8 full level

H05B 44/00 (2022.01); **H02M 1/42** (2007.01)

CPC (source: EP US)

H02M 1/4241 (2013.01 - EP); **H05B 45/3725** (2020.01 - EP US); **H02M 1/0019** (2021.05 - EP); **H02M 1/0058** (2021.05 - EP); **H02M 1/007** (2021.05 - EP); **H02M 1/4225** (2013.01 - EP US); **H05B 45/382** (2020.01 - EP US); **H05B 45/39** (2020.01 - EP US); **Y02B 70/10** (2013.01 - EP)

Citation (search report)

See references of WO 2015149096A1

Citation (examination)

DE 102010031242 A1 20110922 - TRIDONIC AG [CH]

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)

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DOCDB simple family (application)

AT 2015050076 W 20150325; EP 15722348 A 20150325