

Title (en)

OPERATING DEVICE WITH POWER FACTOR CORRECTION AND RIPPLE COMPENSATION BY CHANGE IN OPERATION

Title (de)

BEDIENVORRICHTUNG MIT LEISTUNGSFAKTORKORREKTUR UND WELLIGKEITSKOMPENSATION DURCH EINE ÄNDERUNG IM BETRIEB

Title (fr)

DISPOSITIF D'EXCITATION À CORRECTION DU FACTEUR DE PUISSANCE ET COMPENSATION D'ONDULATION PAR CHANGEMENT DU MODE DE FONCTIONNEMENT

Publication

**EP 3510836 A4 20200513 (EN)**

Application

**EP 16921213 A 20161108**

Priority

CN 2016105035 W 20161108

Abstract (en)

[origin: WO2018085976A1] A method for operating light-emitting means, wherein the light-emitting means is operated by at least one driver circuit, a power factor correction circuit feeds the energy store, and an energy store feeds the driver circuit, characterized in that the voltage at the energy store is monitored, and the level of current output to the light-emitting means is depending on the detected ripple of the voltage at the energy store, wherein the operation of the light-emitting means by the driver circuit is increased when the detected ripple of the voltage at the energy store exceeds a predetermined limit value.

IPC 8 full level

**H05B 44/00** (2022.01); **H05B 45/355** (2020.01); **H05B 45/37** (2020.01)

CPC (source: EP US)

**H05B 45/355** (2020.01 - EP US); **H05B 45/385** (2020.01 - EP US); **H05B 45/375** (2020.01 - EP US); **H05B 45/38** (2020.01 - EP US); **H05B 45/39** (2020.01 - EP US)

Citation (search report)

- [XY] US 2014346965 A1 20141127 - MOOSMANN FLORIAN [AT], et al
- [Y] US 2016204693 A1 20160714 - MAYER SIEGFRIED [DE], et al
- See references of WO 2018085976A1

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)

**WO 2018085976 A1 20180517**; CN 109952813 A 20190628; CN 109952813 B 20210622; EP 3510836 A1 20190717; EP 3510836 A4 20200513; EP 3510836 B1 20230104

DOCDB simple family (application)

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