

Title (en)

COMBINED METHOD FOR OPERATING AN ELECTRIC ILLUMINANT AND OPERATING CIRCUIT

Title (de)

KOMBINIERTES VERFAHREN ZUM BETREIBEN EINES ELEKTRISCHEN LEUCHTMITTELS SOWIE BETRIEBSSCHALTUNG

Title (fr)

PROCÉDÉ COMBINÉ POUR FAIRE FONCTIONNER UN ÉLÉMENT LUMINESCENT ÉLECTRIQUE ET CIRCUIT D'EXPLOITATION

Publication

EP 2522199 B1 20180314 (DE)

Application

EP 11700393 A 20110105

Priority

- DE 102010000672 A 20100105
- EP 2011050088 W 20110105

Abstract (en)

[origin: WO2011083117A2] The invention relates to a method for operating at least one illuminant, in particular a light-emitting diode (LED) (23) of an LED module (4, 5), in which the light-emitting diode (23) is operated by a pulse-modulated current (I4, I5), wherein the deactivation duration (T2) of the pulse-modulated current (I4, I5) can be controlled by an external dimming command, and the amplitude (I0, 4, I0, 5) of the pulse-modulated current can be set depending on a calibration.

IPC 8 full level

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

CPC (source: EP US)

H05B 45/20 (2020.01 - EP US); **H05B 45/22** (2020.01 - EP US); **H05B 45/37** (2020.01 - EP US); **H05B 45/46** (2020.01 - EP)

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 2011083117 A2 20110714; WO 2011083117 A3 20120503; DE 102010000672 A1 20110707; DE 112011100189 A5 20121018; EP 2522199 A2 20121114; EP 2522199 B1 20180314

DOCDB simple family (application)

EP 2011050088 W 20110105; DE 102010000672 A 20100105; DE 112011100189 T 20110105; EP 11700393 A 20110105