

Title (en)

A DRIVER ARRANGEMENT FOR A LED LIGHTING DEVICE, A LIGHTING DEVICE USING THE SAME AND A DRIVE METHOD

Title (de)

TREIBERANORDNUNG FÜR EINE LED-BELEUCHTUNGSVORRICHTUNG, BELEUCHTUNGSVORRICHTUNG DAMIT UND ANTRIEBSVERFAHREN

Title (fr)

AGENCEMENT DE CIRCUIT D'ATTAQUE POUR DISPOSITIF D'ÉCLAIRAGE À LED, DISPOSITIF D'ÉCLAIRAGE L'UTILISANT ET PROCÉDÉ D'ENTRAÎNEMENT

Publication

EP 3592111 A1 20200108 (EN)

Application

EP 18181200 A 20180702

Priority

EP 18181200 A 20180702

Abstract (en)

A driver arrangement is provided for a LED lighting device with a LED light source and at least one additional auxiliary module. The driver arrangement comprises separate main and auxiliary drivers. The delivery of power from the auxiliary driver is controlled to either an auxiliary power output or to both a main power output and the auxiliary power output. Each driver can be optimized for the load it is required to drive. The device may overall be more efficient in a low power auxiliary mode, by using a driver suited for such low power operation. In particular when the power demand of the LED light source is low, the auxiliary driver may be used.

IPC 8 full level

H05B 44/00 (2022.01); **H05B 37/02** (2006.01)

CPC (source: EP US)

H05B 45/3725 (2020.01 - EP US); **H05B 45/375** (2020.01 - EP US); **H05B 45/10** (2020.01 - EP US); **H05B 45/385** (2020.01 - EP US); **H05B 47/19** (2020.01 - EP US)

Citation (search report)

- [XYI] WO 2015128388 A1 20150903 - KONINKL PHILIPS NV [NL]
- [Y] WO 2015185570 A1 20151210 - ELDOLAB HOLDING BV [NL]
- [Y] US 9826583 B1 20171121 - XIONG WEI [US], et al

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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