

Title (en)

Led lighting module with variable colour temperature.

Title (de)

LED-Beleuchtungsmodul mit verstellbarer Farbtemperatur

Title (fr)

Module d'éclairage à DEL avec température de couleur variable

Publication

EP 2757861 A1 20140723 (EN)

Application

EP 13151395 A 20130116

Priority

EP 13151395 A 20130116

Abstract (en)

The present invention refers to a LED lighting module that comprises a primary chain of LED devices and secondary chains of LED devices. The primary chain of LED devices is connected in series to a current generator, adapted to provide a supply current to the lighting module. The secondary chains of LED devices are connected in parallel to one another and in series to said current generator and to said primary chains of LED devices. The primary chain and one the first and second secondary chains form different lighting units with different colour temperatures. The lighting module comprises one or more electronic switches, through which it is possible to alternatively turn on/off one of the lighting units in order to change the colour temperature of the light emitted by the lighting module.

IPC 8 full level

H05B 44/00 (2022.01)

CPC (source: EP US)

H05B 45/20 (2020.01 - EP US); **H05B 45/44** (2020.01 - EP)

Citation (search report)

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- [X] DE 102008057347 A1 20100520 - OSRAM OPTO SEMICONDUCTORS GMBH [DE]
- [X] WO 2007001116 A1 20070104 - SEOUL OPTO DEVICES CO LTD [KR], et al
- [A] WO 2007069200 A1 20070621 - KONINKL PHILIPS ELECTRONICS NV [NL], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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