

Title (en)

CIRCUIT FOR A LIGHT-EMITTING DIODE ASSEMBLY AND LIGHT EMITTING DIODE MODULE

Title (de)

SCHALTUNG FÜR EINE LEUCHTDIODENANORDNUNG UND LEUCHTDIODENMODUL

Title (fr)

CIRCUIT DESTINÉ À UN SYSTÈME DE DIODES ÉLECTROLUMINESCENTES ET MODULE DE DIODES ÉLECTROLUMINESCENTES

Publication

EP 2409549 A1 20120125 (DE)

Application

EP 10716766 A 20100421

Priority

- EP 2010002456 W 20100421
- DE 102009018428 A 20090422

Abstract (en)

[origin: WO2010121806A1] A circuit for operating a light-emitting diode assembly, wherein the light-emitting diode assembly comprises a plurality of strands connected in parallel of one or more light-emitting diodes which are arranged in series and through which in the operational state a particular partial current of an operating current flowing through the light-emitting diode assembly flows, comprises a current source for providing the operating current. The circuit is designed to detect the greatest partial current and to control an operational value provided by the partial current source on the basis of said greatest partial current such that none of the partial currents exceeds a predetermined maximum current.

IPC 8 full level

H05B 44/00 (2022.01)

CPC (source: EP US)

H05B 45/3725 (2020.01 - EP US); **H05B 45/38** (2020.01 - EP US); **H05B 45/52** (2020.01 - EP US); **H05B 45/58** (2020.01 - EP US); **H05B 47/22** (2020.01 - EP US); **Y02B 20/30** (2013.01 - EP US)

Citation (search report)

See references of WO 2010121806A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

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