

Title (en)
LED ILLUMINATION MEANS AND LED LAMP

Title (de)
LED-LEUCHTMITTEL UND LED-LAMPE

Title (fr)
MOYEN D'ÉCLAIRAGE LED ET LAMPE LED

Publication
EP 3404320 A1 20181121 (DE)

Application
EP 18171735 A 20180511

Priority
DE 102017110378 A 20170512

Abstract (en)
[origin: US2018328544A1] An LED light fixture, includes a bulb, a light module with at least one light emitting diode chip which is mounted on a circuit board by means of chip-on-board assembly, and a driver of the light module, wherein the light module and the driver electronics are received in the bulb. The LED light fixture may be arranged within an enclosure to form an LED lamp.

Abstract (de)
Es wird ein LED-Leuchtmittel (1) angegeben, aufweisend einen Glaskolben (20), ein Leuchtmodul (100) mit wenigstens einem Leuchtdiodenchip (11), der mittels Nacktchipmontage auf eine Leiterplatte (12) aufgebracht ist, und eine Treiberelektronik des Leuchtmoduls (100), wobei das Leuchtmodul (100) und die Treiberelektronik in den Glaskolben (20) aufgenommen sind.

IPC 8 full level
F21V 23/00 (2015.01); **F21K 9/232** (2016.01); **F21V 3/06** (2018.01); **F21V 19/00** (2006.01); **F21V 29/506** (2015.01); **F21Y 115/10** (2016.01)

CPC (source: CN EP US)
F21K 9/232 (2016.07 - EP US); **F21K 9/238** (2016.07 - CN US); **F21K 9/68** (2016.07 - US); **F21V 3/02** (2013.01 - US); **F21V 3/049** (2013.01 - US); **F21V 3/061** (2018.01 - EP US); **F21V 3/0615** (2018.01 - US); **F21V 19/0015** (2013.01 - CN); **F21V 19/003** (2013.01 - EP US); **F21V 23/001** (2013.01 - US); **F21V 23/005** (2013.01 - CN EP US); **F21V 23/06** (2013.01 - US); **F21V 29/506** (2015.01 - EP US); **F21Y 2115/10** (2016.07 - CN EP US)

Citation (search report)

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- [YA] WO 2016156057 A1 20161006 - PHILIPS LIGHTING HOLDING BV [NL]
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Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3404320 A1 20181121; **EP 3404320 B1 20201209**; CN 108870116 A 20181123; CN 108870116 B 20210604;
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EP 18171735 A 20180511; CN 201810448234 A 20180511; DE 102017110378 A 20170512; US 201815974760 A 20180509