

Title (en)  
LED LAMP

Title (de)  
LED-LAMPE

Title (fr)  
LAMPE À DEL

Publication  
**EP 3404320 B1 20201209 (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.

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 (examination)  
• US 2013271972 A1 20131017 - HUSSELL CHRISTOPHER P [US], et al  
• US 2015109758 A1 20150423 - ALLEN GARY ROBERT [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

DOCDB simple family (publication)  
**EP 3404320 A1 20181121**; **EP 3404320 B1 20201209**; CN 108870116 A 20181123; CN 108870116 B 20210604;  
DE 102017110378 A1 20181115; DE 102017110378 B4 20230302; US 10823338 B2 20201103; US 2018328544 A1 20181115

DOCDB simple family (application)  
**EP 18171735 A 20180511**; CN 201810448234 A 20180511; DE 102017110378 A 20170512; US 201815974760 A 20180509