

Title (en)  
LED bulb

Title (de)  
LED-Glühlampe

Title (fr)  
Ampoule à DEL

Publication  
**EP 2322843 B1 20120822 (EN)**

Application  
**EP 10166306 A 20100617**

Priority  
EP 10166306 A 20100617

Abstract (en)  
[origin: EP2322843A1] An LED bulb (3) comprises a lamp housing (31), a lamp cap (32), a core tube (33) disposed inside the lamp housing (31), a plurality of LED plates (34) mounted on the core tube (33), and a controller (35) serving to manipulate an on-off operation of the LED plates (34) . Wherein, the controller (35) is substantially disposed inside a room (331) of the core tube (33), and the core tube (33) has one end thereof connected to the lamp cap (32), so as to facilitate a free substitution of the controller (35) and promote the using convenience. The connection of the core tube (33) and the lamp cap (32) serves to radiate the heat created by the LED plates (34) from the core tube (33) toward the lamp cap (32) and the lamp housing (31) for a speedy dissipation and preventing from burning the LED bulb (3) under a high temperature.

IPC 8 full level  
**F21K 99/00** (2010.01)

CPC (source: EP US)  
**F21K 9/232** (2016.07 - EP US); **F21K 9/238** (2016.07 - EP US); **F21V 3/00** (2013.01 - EP); **F21V 23/005** (2013.01 - EP US); **F21V 23/006** (2013.01 - EP US); **F21V 29/777** (2015.01 - EP); **F21Y 2107/30** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Cited by  
USRE47425E; EP2751472A4; CN107013820A; EP4006405A1; US9353914B2; US9719671B2; US9970644B2; US10260724B2; US9127827B2; US9303822B2; US9557010B2

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 SE SI SK SM TR

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