

Title (en)  
Led lamp

Title (de)  
LED-Lampe

Title (fr)  
Lampe à DEL

Publication  
**EP 2851608 A1 20150325 (EN)**

Application  
**EP 14275199 A 20140923**

Priority  
CN 201320588527 U 20130923

Abstract (en)  
The present invention relates to an LED lamp that can be a direct replacement for an incandescent lamp and comprises a light-pervious bulb shell (1), a lamp cap (7) for connection to a lamp holder, at least one LED substrate (2) arranged inside the bulb shell (1), a drive circuit (8) connected to the LED substrate (2) and the lamp cap (7), a plurality of LED chips mounted on the LED substrate (2) in a manner that the LED chips are located in the vicinity of an inner surface of the bulb shell (1) and emit light towards a plurality of different directions. The heat generated by the LED chips is transferred directly to the outside of the bulb shell through the nearby light-pervious bulb shell (1), and also dissipated by a heat sink mechanism via both heat conduction and heat convection, achieving increased heat dissipation efficiency with a simple structure.

IPC 8 full level  
**F21K 99/00** (2010.01); **F21V 29/50** (2015.01); **F21V 29/70** (2015.01); **F21Y 111/00** (2006.01)

CPC (source: EP US)  
**F21K 9/232** (2016.07 - EP US); **F21V 3/02** (2013.01 - EP); **F21Y 2107/00** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (applicant)  
CN 201020617406 U 20101122

Citation (search report)

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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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2851608 A1 20150325**; CN 203517389 U 20140402

DOCDB simple family (application)  
**EP 14275199 A 20140923**; CN 201320588527 U 20130923