

Title (en)

Cooling unit assembly for an LED lamp and LED lamp

Title (de)

Kühlkörper-Anordnung für eine LED-Leuchte sowie LED-Leuchte

Title (fr)

Agencement de corps de refroidissement pour une lampe à DEL ainsi que la lampe à DEL

Publication

EP 2581657 B1 20150610 (DE)

Application

EP 12187739 A 20121009

Priority

DE 202011051579 U 20111010

Abstract (en)

[origin: EP2581657A1] The arrangement has a main cooling body (2) including an upwardly facing surface area (8) and a downwardly facing surface area, where the downwardly facing surface area is thermally and conductively connected with LEDs of an LED lamp. A secondary cooling body (12) is arranged on the upwardly facing surface area of the main cooling body and thermally and conductively connected to the main cooling body by a thermally conductive adhesive film, where the main cooling body and the secondary cooling body are made from extruded aluminum. An independent claim is also included for a lamp.

IPC 8 full level

F21V 23/00 (2015.01); **F21V 29/00** (2015.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)

F21V 23/008 (2013.01 - EP US); **F21V 29/713** (2015.01 - EP); **F21V 29/15** (2015.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

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)

DE 202011051579 U1 20130117; EP 2581657 A1 20130417; EP 2581657 B1 20150610

DOCDB simple family (application)

DE 202011051579 U 20111010; EP 12187739 A 20121009