

Title (en)
Lamp for lighting device

Title (de)
Leuchtmittel für eine Beleuchtungseinrichtung

Title (fr)
Lampe pour dispositif d'éclairage

Publication
EP 1577613 A2 20050921 (DE)

Application
EP 05005190 A 20050309

Priority
DE 102004011974 A 20040310

Abstract (en)
Light source (1) for lamp contains housing (2) with at least one LED (3) on cooling member, e.g. cooling pin (4), coupled to housing. Preferably, light source is suitable for use in halogen lamps, and cooling pin is integral part of housing. Cooling pin, or protrusion, may be alternatively coupled to housing via heat conducting ribs (5) and housing may comprise external cooling ribs (6), typically located in longitudinal direction of light source. Heat conducting paste (7) may be applied to LED facing side of pin.

Abstract (de)
Die vorliegende Erfindung betrifft ein Leuchtmittel 1 für eine Beleuchtungseinrichtung mit einem Gehäuse 2, in dem mindestens eine LED 3 angeordnet ist, wobei die LED 3 auf einem Kühlteil bzw. einem Teil zur Wärmeableitung, das mit dem Gehäuse 2 in Verbindung steht, angeordnet ist.

IPC 1-7
F21V 29/00

IPC 8 full level
F21K 99/00 (2010.01); **F21V 29/00** (2006.01)

CPC (source: EP US)
F21K 9/23 (2016.07 - EP US); **F21V 29/74** (2015.01 - US); **F21V 29/773** (2015.01 - EP US); **F21V 29/80** (2015.01 - US); **F21V 29/89** (2015.01 - US); **F21V 19/0005** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Cited by
EP2025998A1; JP2010526438A; WO2008133889A1; US2013155697A1; EP2728250A3; EP1772727A1; GB2462061A; CH701962A1; EP2072893A1; EP1826481A1; ES2288394A1; US7661843B2; US9568154B2; US7677746B2; WO2009135359A1; WO2009012806A1; US7540761B2; WO2007071107A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1577613 A2 20050921; **EP 1577613 A3 20090211**; DE 102004011974 A1 20050922

DOCDB simple family (application)
EP 05005190 A 20050309; DE 102004011974 A 20040310