

Title (en)  
A LIGHTING DEVICE

Title (de)  
BELEUCHTUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'ÉCLAIRAGE

Publication  
**EP 3193073 A1 20170719 (EN)**

Application  
**EP 16151199 A 20160114**

Priority  
EP 16151199 A 20160114

Abstract (en)  
A lighting device (1, 100, 101) comprising a puck assembly (2) comprising a plurality of LEDs (11), and a cover element comprising an outer shell element (4) adapted for forming a light exit surface of the lighting device and an inner shell element (3), the outer shell element and the inner shell element forming together a hermetically sealed gas chamber (5), the hermetically sealed gas chamber being filled with substantially one single gas adapted for functioning as a heat transferring medium for transferring heat from the puck assembly towards the outer shell element, and the inner shell element forming a cavity (31) adapted for accommodating the puck assembly at least partially in such a way that the puck assembly is arranged outside the hermetically sealed gas chamber in a heat transferring relationship with the inner shell element and thereby with the substantially one single gas provided in the hermetically sealed gas chamber.

IPC 8 full level  
**F21K 99/00** (2016.01); **F21V 3/02** (2006.01); **F21V 29/506** (2015.01)

CPC (source: EP)  
**F21K 9/232** (2016.07); **F21V 3/02** (2013.01); **F21V 29/506** (2015.01); **F21K 9/90** (2013.01); **F21Y 2101/00** (2013.01)

Citation (applicant)  
US 8596827 B2 20131203 - PHIPPS J MICHAEL [US], et al

Citation (search report)  
• [XY] WO 2013014821 A1 20130131 - PANASONIC CORP [JP], et al  
• [XYI] WO 2015177038 A1 20151126 - KONINKL PHILIPS NV [NL]  
• [XI] WO 2015113913 A1 20150806 - KONINKL PHILIPS NV [NL]  
• [XI] DE 102011004718 A1 20120830 - OSRAM AG [DE]  
• [XI] US 2013170175 A1 20130704 - NEGLEY GERALD H [US], et al  
• [XI] DE 102011004705 A1 20120830 - OSRAM AG [DE]

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 3193073 A1 20170719**; WO 2017121723 A1 20170720

DOCDB simple family (application)  
**EP 16151199 A 20160114**; EP 2017050399 W 20170110