

Title (en)  
Lamp

Title (de)  
Lampe

Title (fr)  
Lampe

Publication  
**EP 2896873 A1 20150722 (EN)**

Application  
**EP 14183423 A 20140903**

Priority  
JP 2014006376 A 20140117

Abstract (en)  
A lamp in an embodiment includes a thermal radiator functioning as a hollow case opened on one end side, a board having a through-hole in the center and provided on the one end side of the thermal radiator, a plurality of semiconductor light-emitting elements provided on one end side of the board and in a circumferential shape to extend along the through-hole, a lighting circuit including a circuit board and circuit components including a heat generating component mounted on the circuit board, the lighting circuit being provided inside the thermal radiator such that the heat generating component is located in an area of the through-hole when the thermal radiator is viewed from the one end side, and a cap provided on the other end side of the thermal radiator.

IPC 8 full level  
**F21K 99/00** (2010.01); **F21V 23/00** (2015.01); **F21V 29/508** (2015.01); **F21Y 101/02** (2006.01); **F21Y 103/02** (2006.01)

CPC (source: EP US)  
**F21K 9/232** (2016.07 - EP US); **F21K 9/238** (2016.07 - EP US); **F21V 23/006** (2013.01 - EP US); **F21V 29/508** (2015.01 - EP US); **F21Y 2103/33** (2016.07 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)  
• [X] US 2012287632 A1 20121115 - TAKAHASHI KENJI [JP], et al  
• [X] US 2012025706 A1 20120202 - WANG CHUN-YUAN [TW], et al  
• [X] DE 102011005597 A1 20120920 - OSRAM AG [DE]  
• [X] US 8282250 B1 20121009 - DASSANAYAKE MAHENDRA [US], et al

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)  
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**EP 14183423 A 20140903**; CN 201420673735 U 20141105; JP 2014006376 A 20140117