

Title (en)  
Electric lamp

Title (de)  
Elektrische Lampe

Title (fr)  
Lampe électrique

Publication  
**EP 2251584 A1 20101117 (EN)**

Application  
**EP 09160399 A 20090515**

Priority  
EP 09160399 A 20090515

Abstract (en)  
An electric lamp (1) comprising a socket (2), a lamp bulb (4) mounted on the socket in which bulb at least one semiconductor light source (5) is arranged. Cooling means (6) comprise at least two facing cooling fins (7,8) which are separated by at least one spacing (9). Said spacing being open to the environment and extending from the heart of the lamp bulb into the outer surface of the bulb. The lamp comprising a light redistributing, light transmittable wall (13) for redistributing light, optionally said light redistributing wall comprises separate, discernable wall parts (14,15). For example, each discernable bulb part is shaped as a surface of a halve prolate or halve oblate ellipse. Thus a desired double beam or homogeneous, omni-directional light distribution is obtainable.

IPC 8 full level  
**F21K 99/00** (2010.01)

CPC (source: EP US)  
**F21K 9/232** (2016.07 - EP US); **F21K 9/60** (2016.07 - EP US); **F21V 3/02** (2013.01 - EP US); **F21V 29/74** (2015.01 - EP);  
**F21K 9/64** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (applicant)  
WO 2008154172 A1 20081218 - SUPERBULBS INC [US], et al

Citation (search report)  
• [XY] JP 2004296245 A 20041021 - MATSUSHITA ELECTRIC WORKS LTD  
• [Y] JP 2009016058 A 20090122 - TOSHIBA LIGHTING & TECHNOLOGY  
• [X] DE 102007040444 A1 20090305 - OSRAM GMBH [DE]  
• [A] DE 202008017116 U1 20090319 - U HOW CO LTD [TW]

Cited by  
DE102015208569A1; CN105121938A; RU2658339C2; US10408387B2; US9989195B2; WO2014184008A1

Designated contracting state (EPC)  
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 SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
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