

Title (en)  
Semi-conductor lighting device

Title (de)  
Halbleiter-Leuchtvorrichtung

Title (fr)  
Dispositif d'éclairage à semi-conducteur

Publication  
**EP 2157358 A3 20100324 (DE)**

Application  
**EP 09166343 A 20090724**

Priority  
DE 102008039364 A 20080822

Abstract (en)  
[origin: EP2157358A2] The lighting device (1) comprises a semiconductor light source (2) and a carrier element (4) for carrying the semiconductor light source. The semiconductor light source is electrically separated from the carrier element by an insulation body (3), which comprises multiple plastic compound layers or multiple ceramic layers. A cavity (6) is provided, which is formed by a transparent cover (5) and the carrier element for receiving the semiconductor light source.

IPC 8 full level  
**F21S 8/00** (2006.01); **H01L 33/00** (2010.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)  
**F21K 9/00** (2013.01 - EP US); **F21V 23/002** (2013.01 - EP US); **F21V 27/02** (2013.01 - EP); **F21V 3/02** (2013.01 - EP);  
**F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

- [XY] DE 202007008258 U1 20071031 - LUMITECH PRODUKTION UND ENTWIC [AT], et al
- [X] US 2008080187 A1 20080403 - PURINTON RICHARD S [US]
- [YA] DE 102006048230 A1 20080417 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE]
- [X] US 2007296350 A1 20071227 - MAXIK FREDRIC S [US], et al
- [A] DE 202006015980 U1 20061221 - AUGUX CO LTD [TW]

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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 SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2157358 A2 20100224; EP 2157358 A3 20100324**; CN 101655194 A 20100224; DE 102008039364 A1 20100304;  
KR 20100023758 A 20100304

DOCDB simple family (application)  
**EP 09166343 A 20090724**; CN 200910168512 A 20090821; DE 102008039364 A 20080822; KR 20090077104 A 20090820