

Title (en)  
Reflective light emitting diode lamp

Title (de)  
Reflektive Leuchtdiodenlampe

Title (fr)  
Lampe à diode électroluminescente réfléchissante

Publication  
**EP 2481971 A1 20120801 (EN)**

Application  
**EP 11152854 A 20110201**

Priority  
EP 11152854 A 20110201

Abstract (en)  
A reflective LED lamp (200) includes a metallic shell (2), a reflecting member (3), and an LED unit. The metallic shell (2) includes a surrounding wall (22) formed with a mounting hole unit, and an accommodating space (23) defined by the surrounding wall (22). The reflecting member (3) is disposed within the accommodating space (23), and includes a reflection region unit configured as at least one concaved curve surface. The LED unit is disposed within the mounting hole unit in the shell (2) for emitting light onto the reflection region unit of the reflecting member (3), so that the light is reflected by the reflection region unit out of the shell (2).

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

CPC (source: EP US)  
**F21K 9/232** (2016.07 - EP US); **F21K 9/68** (2016.07 - EP US); **F21V 3/00** (2013.01 - EP US); **F21V 29/773** (2015.01 - EP);  
**F21V 29/89** (2015.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (applicant)  
TW 200933075 A 20090801 - WU JIAHN-CHANG [TW]

Citation (search report)  
• [XY] US 2009185386 A1 20090723 - WU JIAHN-CHANG [TW]  
• [IY] US 2009323338 A1 20091231 - AGUROK ILYA [US], et al  
• [IY] EP 1826474 A1 20070829 - OPTICS LITE S R L [IT]  
• [Y] US 2007115656 A1 20070524 - CHOU MING-CHIEH [TW], et al  
• [Y] US 2008225541 A1 20080918 - ISHIDA HIROYUKI [JP], et al  
• [Y] WO 2008148423 A1 20081211 - OSRAM GMBH [DE], et al

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US9494295B2; US9664342B2; US11686437B2; WO2014048795A1; WO2014048896A1; WO2021165174A1

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 2481971 A1 20120801**

DOCDB simple family (application)  
**EP 11152854 A 20110201**