

Title (en)  
LED lighting device

Title (de)  
LED-Beleuchtungsvorrichtung

Title (fr)  
Dispositif d'éclairage à DEL

Publication  
**EP 2639500 A1 20130918 (EN)**

Application  
**EP 12159881 A 20120316**

Priority  
EP 12159881 A 20120316

Abstract (en)

A LED lighting device provided with at least one lighting unit, each unit comprising a longitudinal lighting case (10), a longitudinal LED lighting board (12) with a longitudinal board, such as a PCB, and a plurality of LEDs attached to said board, a lighting cover (14), and end caps (16), wherein the LED lighting board is arranged inside the lighting case, wherein each unit further comprises metal heat dispatch fins (11) arranged upwards on the top of lighting case (10).

IPC 8 full level

**F21V 15/01** (2006.01); **F21V 15/015** (2006.01); **F21V 31/00** (2006.01); **F21Y 101/02** (2006.01); **F21Y 103/00** (2006.01)

CPC (source: EP US)

**F21V 15/01** (2013.01 - EP); **F21V 15/015** (2013.01 - EP); **F21V 29/763** (2015.01 - US); **F21V 31/005** (2013.01 - EP);  
**F21Y 2103/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

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- [X] WO 2009070951 A1 20090611 - CHENG YI JU [CN], et al
- [A] DE 19719184 C1 19981008 - KELLER LICHTSYSTEME GMBH [DE]
- [A] US 2010254146 A1 20101007 - MCCANLESS FORREST S [US]

Cited by  
CN103727432A

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 2639500 A1 20130918**

DOCDB simple family (application)  
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