

Title (en)

LINEAR LED LAMP

Title (de)

LINEARE LED-LAMPE

Title (fr)

LAMPE À DIODE ÉLECTROLUMINESCENTE (LED)

Publication

EP 2171350 B1 20180815 (DE)

Application

EP 08773700 A 20080626

Priority

- EP 2008005225 W 20080626
- DE 102007030186 A 20070627

Abstract (en)

[origin: WO2009000536A1] A lamp unit (10) with a reflector (12) and a light output region (16) is disclosed. A linear light source unit (30), comprising at least one LED light source (24) is arranged in the output region (16), at a distance to the front of the reflector wall, such that all the light flux is irradiated in the direction of the reflector wall and reflected from there to the light output region. The output region is sealed by a transmitting closure (18) such that an enclosed reflector chamber is formed. The reflector (12), the closure (18) and the light source unit (30) are permanently connected to each other to give the lamp unit (10).

IPC 8 full level

F21V 13/04 (2006.01); **F21K 99/00** (2010.01); **F21S 8/00** (2006.01)

CPC (source: EP US)

F21K 9/68 (2016.07 - EP US); **F21S 4/28** (2016.01 - EP); **F21V 5/02** (2013.01 - EP US); **F21V 7/0008** (2013.01 - EP); **F21V 7/005** (2013.01 - EP); **F21V 11/02** (2013.01 - EP); **F21V 29/51** (2015.01 - EP US); **F21V 29/763** (2015.01 - EP); **F21V 29/83** (2015.01 - EP US); **F21V 7/06** (2013.01 - EP); **F21V 7/08** (2013.01 - EP); **F21V 15/015** (2013.01 - EP); **F21V 17/101** (2013.01 - EP); **F21V 21/02** (2013.01 - EP); **F21V 23/06** (2013.01 - EP); **F21Y 2103/10** (2016.07 - EP US); **F21Y 2105/00** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (examination)

- WO 2006086967 A1 20060824 - PATENT TREUHAND GES FUER ELEKTRISCHE GLUEHLAMPEN MBH [DE], et al
- WO 2005055328 A1 20050616 - MITSUBISHI ELECTRIC CORP [JP], et al

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102007030186 A1 20090102; **DE 102007030186 B4 20090423**; DE 112008001660 A5 20101028; EP 2171350 A1 20100407; EP 2171350 B1 20180815; WO 2009000536 A1 20081231

DOCDB simple family (application)

DE 102007030186 A 20070627; DE 112008001660 T 20080626; EP 08773700 A 20080626; EP 2008005225 W 20080626