

Title (en)

LIGHT EMITTING DIODE (LED) BASED LAMP

Title (de)

STEUERUNG FÜR EINE AUF LICHTEMITTIERENDEN DIODEN (LED) BASIERENDE LEUCHTE

Title (fr)

LAMPE À DIODE ÉLECTROLUMINESCENTE (DEL)

Publication

EP 2483596 A1 20120808 (EN)

Application

EP 10821324 A 20101001

Priority

- US 35923910 A 20100407
- US 57233909 A 20091002
- US 57248009 A 20091002
- US 32897410 P 20100428
- US 2010051109 W 20101001

IPC 8 full level

F21K 99/00 (2010.01); **F21V 3/00** (2006.01); **F21V 5/04** (2006.01)

CPC (source: EP KR)

F21K 9/232 (2016.07 - EP KR); **F21K 9/66** (2016.07 - KR); **F21V 3/02** (2013.01 - EP KR); **F21V 3/0615** (2018.01 - EP);
F21V 3/0625 (2018.01 - EP); **F21V 29/677** (2015.01 - KR); **F21V 29/74** (2015.01 - KR); **F21V 29/773** (2015.01 - EP KR);
F21V 29/85 (2015.01 - EP KR); **F21Y 2105/10** (2016.07 - KR); **F21Y 2115/10** (2016.07 - EP KR)

Citation (third parties)

Third party :

WO 2009128004 A1 20091022 - KONINKL PHILIPS ELECTRONICS NV [NL], et al

Cited by

US9612002B2

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

DOCDB simple family (publication)

EP 2483596 A1 20120808; EP 2483596 A4 20130508; KR 20120107071 A 20120928

DOCDB simple family (application)

EP 10821324 A 20101001; KR 20127011454 A 20101001