

Title (en)
LED LAMP WITH DIFFUSER

Title (de)
LED-LAMPE MIT DIFFUSOR

Title (fr)
LAMPE LED À DIFFUSEUR

Publication
EP 2207996 A1 20100721 (DE)

Application
EP 08840029 A 20081009

Priority
• EP 2008008548 W 20081009
• DE 102007049581 A 20071015
• DE 102007054206 A 20071112

Abstract (en)
[origin: WO2009049824A1] The invention relates to a lamp 10 comprising one or a plurality of LED elements 12 and a housing with electrical and mechanical connection means 18, wherein the housing has a light exit region with a light-transmissive terminating element 20. The terminating element is an optical diffuser element 20 of a form in which the wall has in cross section two opposite, straight sections 26 running towards one another.

IPC 1-7
F21K 7/00

IPC 8 full level
F21V 3/02 (2006.01); **F21K 99/00** (2010.01); **F21V 3/04** (2006.01)

CPC (source: EP US)
F21K 9/00 (2013.01 - EP US); **F21V 3/02** (2013.01 - EP US); **F21V 7/005** (2013.01 - EP US); **F21V 11/02** (2013.01 - EP US); **F21V 13/04** (2013.01 - EP US); **F21V 29/70** (2015.01 - EP US); **F21V 29/763** (2015.01 - EP US); **F21V 29/89** (2015.01 - EP US); **F21V 3/06** (2018.01 - EP US); **F21V 3/061** (2018.01 - EP US); **F21V 3/062** (2018.01 - EP US); **F21V 9/08** (2013.01 - EP US); **F21Y 2103/10** (2016.07 - EP US); **F21Y 2105/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)
See references of WO 2009049824A1

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
DE 102007054206 A1 20090416; CN 101903702 A 20101201; CN 101903702 B 20160210; EP 2207996 A1 20100721; EP 2207996 B1 20200527; US 2010296281 A1 20101125; US 8235547 B2 20120807; WO 2009049824 A1 20090423

DOCDB simple family (application)
DE 102007054206 A 20071112; CN 200880121023 A 20081009; EP 08840029 A 20081009; EP 2008008548 W 20081009; US 68290508 A 20081009