

Title (en)  
LED Bulb

Title (de)  
LED Glühbirne

Title (fr)  
Ampoule à DEL

Publication  
**EP 2339223 B1 20140514 (EN)**

Application  
**EP 09180550 A 20091223**

Priority  
EP 09180550 A 20091223

Abstract (en)  
[origin: EP2339223A1] Illuminant device comprising a flexible substrate (10) and a plurality of LED-dies (20) being die-attached to the flexible substrate (10), wherein the flexible substrate (10) can be spatially bended in at least two directions (X,Y) in order to follow a shape of an inner surface of a light transmissive hollow body (30).

IPC 8 full level  
**F21K 99/00** (2010.01); **F21Y 101/02** (2006.01); **F21Y 105/00** (2006.01); **F21Y 111/00** (2006.01)

CPC (source: EP US)  
**F21K 9/232** (2016.07 - EP US); **F21V 3/0625** (2018.01 - EP); **F21Y 2105/10** (2016.07 - EP US); **F21Y 2105/12** (2016.07 - EP US); **F21Y 2107/00** (2016.07 - EP US); **F21Y 2107/10** (2016.07 - EP US); **F21Y 2107/90** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Cited by  
JP2014532294A; CN103032734A; CN104848056A; EP2824379A1; US9803848B2; US10436391B2; DE102012012853A1; DE102012020918A1; WO2016020782A1; WO2015169642A1; WO2015039999A1; US9970598B2; US10655794B2

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2339223 A1 20110629; EP 2339223 B1 20140514**

DOCDB simple family (application)  
**EP 09180550 A 20091223**