

Title (en)  
LED-Lamp with Optical element

Title (de)  
LED-Leuchte mit Lichtbeeinflussungselement

Title (fr)  
Luminaire à LED avec éléments optiques

Publication  
**EP 2629001 B1 20151209 (DE)**

Application  
**EP 13154758 A 20130211**

Priority  
DE 202012100508 U 20120215

Abstract (en)  
[origin: EP2629001A1] The LED lamp has LEDs (3) which are arranged behind one another on an elongated circuit board (2) for emitting light. A light influence arrangement (4) is provided to perform optical influence of light emitted from LEDs. One portion (5) of the light influence arrangement is arranged behind a propagation direction (R) of the light. Other portion (6) of the light influence arrangement is made of transparent material, and formed as lens-like structure.

IPC 8 full level  
**F21V 5/00** (2015.01); **F21S 4/00** (2006.01); **F21V 5/04** (2006.01); **F21Y 103/00** (2006.01)

CPC (source: EP US)  
**F21S 4/28** (2016.01 - EP); **F21V 5/007** (2013.01 - EP US); **F21V 5/008** (2013.01 - EP US); **F21Y 2103/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (examination)  
DE 102008026626 A1 20091217 - SIEMENS AG [DE]

Cited by  
DE202013010408U1; CN105960562A; US2016356452A1; AT15726U1; US10113709B2; CN113513737A; WO2015121243A1; EP3105499B1

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)  
**DE 202012100508 U1 20130517**; EP 2629001 A1 20130821; EP 2629001 B1 20151209

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