

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

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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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