

Title (en)
Light fixture with LEDs and lenses assigned to the LEDs

Title (de)
Leuchte mit LEDs und den LEDs zugeordneten Linsen

Title (fr)
Luminaire dotée de DEL et de lentilles attribuées aux DEL

Publication
EP 2375128 A2 20111012 (DE)

Application
EP 11161529 A 20110407

Priority
DE 102010003805 A 20100409

Abstract (en)
The lamp (1) comprises a housing, which has a light emission opening. Multiple light sources are arranged in the housing in the form of light emitting diodes (22). The light emitting diodes are assigned with the lenses (32). The lenses are connected to an optical element (30), which closes the housing in the light emission direction.

Abstract (de)
Bei einer Leuchte (1) mit einem Gehäuse, das eine Lichtaustrittsöffnung aufweist, mehreren in dem Gehäuse angeordneten Lichtquellen in Form von LEDs (22), sowie den LEDs (22) zugeordnete Linsen (32, 132) sind mehrere der Linsen (32, 132) zu einem optischen Element (30, 130) zusammengefügt, welches das Gehäuse in Lichtabstrahlrichtung verschließt.

IPC 8 full level
F21S 4/00 (2006.01); **F21V 5/04** (2006.01); **F21V 15/01** (2006.01); **F21V 19/00** (2006.01); **F21V 17/16** (2006.01); **F21V 23/02** (2006.01); **F21V 29/00** (2006.01); **F21Y 101/02** (2006.01); **F21Y 103/00** (2006.01)

CPC (source: EP US)
F21S 4/28 (2016.01 - EP); **F21S 8/038** (2013.01 - EP); **F21V 5/007** (2013.01 - EP US); **F21V 5/04** (2013.01 - EP US); **F21V 15/01** (2013.01 - EP US); **F21V 17/104** (2013.01 - EP); **F21V 19/0035** (2013.01 - EP); **F21V 15/013** (2013.01 - EP); **F21V 15/015** (2013.01 - EP); **F21V 17/164** (2013.01 - EP); **F21V 23/02** (2013.01 - EP); **F21V 29/507** (2015.01 - EP); **F21Y 2103/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Cited by
AT13807U1; AT13359U1; EP3462084A1; AT14620U1; EP2873910A1; AT14623U1; US2017130915A1; EP2631537A3; EP2873913A1; AT14512U1; EP3543606A1; EP2824380A1; CH708279A1; EP3006817A1; AT15106U1; EP3543601A1; AT18160U1; US10215381B2; DE102021100513B3; US9951913B2; EP3006816A1; EP3992522A1; WO2023148205A1; WO2016016030A1; WO2023247250A1; EP3543604B1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2375128 A2 20111012; EP 2375128 A3 20140402; EP 2375128 B1 20190605; DE 102010003805 A1 20111013

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