

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 B1 20190605 (DE)**

Application  
**EP 11161529 A 20110407**

Priority  
DE 102010003805 A 20100409

Abstract (en)  
[origin: EP2375128A2] 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.

IPC 8 full level  
**F21S 4/28** (2016.01); **F21V 5/04** (2006.01); **F21V 15/01** (2006.01); **F21V 19/00** (2006.01); **F21V 23/02** (2006.01); **F21V 17/16** (2006.01); **F21V 29/00** (2015.01); **F21Y 103/10** (2016.01); **F21Y 115/10** (2016.01)

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)

Citation (examination)  
EP 2151899 A2 20100210 - ZUMTOBEL LIGHTING GMBH [AT]

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

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