

Title (en)
Luminaire with integrated heatsink

Title (de)
Leuchte mit integriertem Kühlkörper

Title (fr)
Lampe avec corps de refroidissement intégré

Publication
EP 2647902 B1 20190508 (DE)

Application
EP 13158581 A 20130311

Priority
DE 102012102973 A 20120405

Abstract (en)
[origin: EP2647902A2] The lamp comprises two illuminating surfaces (2) on two opposite sides of a lamp housing (6) for direct lighting or indirect lighting. Light sources are provided in the form of light emitting diodes (LEDs) for generating the direct lighting and indirect lighting in thermal contact with the lamp housing. The lamp housing is formed as an integral body made of solid heat conductive material having a specific thermal conductivity. The lamp housing is formed of an aluminum die casting. The LEDs for direct or indirect lighting are arranged on circuit boards.

IPC 8 full level
F21S 6/00 (2006.01); **F21V 15/01** (2006.01); **F21V 29/76** (2015.01); **F21S 8/06** (2006.01); **F21V 7/00** (2006.01); **F21V 7/04** (2006.01); **F21V 21/116** (2006.01); **F21Y 105/10** (2016.01); **F21Y 115/10** (2016.01)

CPC (source: EP US)
F21S 6/008 (2013.01 - EP US); **F21V 7/0016** (2013.01 - EP); **F21V 15/01** (2013.01 - EP); **F21V 29/507** (2015.01 - EP); **F21V 29/76** (2015.01 - EP); **F21V 29/89** (2015.01 - EP); **F21S 8/06** (2013.01 - EP); **F21V 7/0083** (2013.01 - EP); **F21V 7/048** (2013.01 - EP); **F21V 21/116** (2013.01 - EP); **F21Y 2105/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Cited by
EP3282173A4; EP3199864A1; AT16563U1; EP3211297A1; EP3249287A1

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