

Title (en)
LOUVER FOR LED LIGHT ENGINES

Title (de)
JALOUSIE FÜR LED-BELEUCHTUNGSVORRICHTUNGEN

Title (fr)
PARALUME POUR MODULES LUMINEUX À DEL

Publication
EP 3147559 A1 20170329 (EN)

Application
EP 16191180 A 20160928

Priority
US 201562284359 P 20150928

Abstract (en)
A louver (10) may be installed on or within a light fixture (20) containing a light emitting diode (LED) light engine (22) to distribute and diffuse light. The louver (10) includes a number of individual fins (14) that define apertures (16) within the louver (10). The louver (10) is positioned sufficiently close to LEDs (24) provided with the light fixture (20) so that high angle light emission from the LEDs (24) may be blocked, reflected, refracted, or otherwise managed.

IPC 8 full level
F21V 7/00 (2006.01); **F21V 11/02** (2006.01); **F21V 7/22** (2018.01); **F21V 17/04** (2006.01); **F21V 17/10** (2006.01); **F21V 17/12** (2006.01); **F21Y 103/10** (2016.01); **F21Y 115/10** (2016.01)

CPC (source: EP GB US)
F21V 7/0083 (2013.01 - EP US); **F21V 7/22** (2013.01 - EP US); **F21V 11/02** (2013.01 - EP); **F21V 11/06** (2013.01 - GB); **F21V 17/04** (2013.01 - EP); **F21V 17/101** (2013.01 - EP); **F21V 17/12** (2013.01 - EP); **F21Y 2103/10** (2016.07 - EP); **F21Y 2115/10** (2016.07 - EP)

Citation (search report)

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- [XI] US 2013107527 A1 20130502 - BOYER JOHN D [US], et al
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- [I] DE 202009002978 U1 20100722 - ZUMTOBEL LIGHTING GMBH [AT]

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KR20220001837U; KR20220104852A; US10101005B2

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 3147559 A1 20170329; EP 3147559 B1 20190130; GB 201616459 D0 20161109; GB 2543418 A 20170419; GB 2543418 B 20180314

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