

Title (en)
LOUVER LUMINAIRE HAVING LED LIGHT SOURCES

Title (de)
RASTERLEUCHTE MIT LED-LICHTQUELLEN

Title (fr)
LUMINAIRE À PARALUME ÉQUIPÉ DE SOURCES LUMINEUSES À LED

Publication
EP 2895790 B1 20161221 (DE)

Application
EP 13760050 A 20130911

Priority
• DE 202012103452 U 20120911
• EP 2013068796 W 20130911

Abstract (en)
[origin: WO2014041016A1] The invention relates to a louver luminaire, which has at least two LED light sources (2, 2'), and a louver element, which extends along a longitudinal axis (L), wherein the louver element has at least three transverse reflector elements (4), which extend perpendicularly to the longitudinal axis (L), and wherein each pair of adjacent transverse reflector elements (4) bounds a light-directing unit (5) of the louver element. The louver luminaire is designed in such a way that each of the LED light sources (2, 2') is associated with one of the light-directing units (5). Furthermore, the louver luminaire has an optical element, which is independent of the louver element and which is designed and arranged in such a way that the optical element is optically effective between the at least two LED light sources (2, 2') and the light-directing units (5). By means of the optical element, the light emitted by the LED light sources (2, 2') can be guided to the respective light-directing units in an especially well-directed manner. Thus the efficiency of the light emission of the louver luminaire can be increased.

IPC 8 full level
F21S 8/04 (2006.01); **F21V 11/02** (2006.01); **F21V 13/00** (2006.01); **F21V 11/04** (2006.01); **F21Y 115/10** (2016.01)

CPC (source: CN EP US)
F21S 8/04 (2013.01 - EP US); **F21S 8/046** (2013.01 - CN); **F21V 11/02** (2013.01 - CN EP); **F21V 13/00** (2013.01 - CN EP); **F21V 11/04** (2013.01 - EP); **F21Y 2101/00** (2013.01 - CN); **F21Y 2115/10** (2016.07 - EP US)

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

DOCDB simple family (publication)
DE 202012103452 U1 20131212; CN 104603523 A 20150506; EP 2895790 A1 20150722; EP 2895790 B1 20161221;
WO 2014041016 A1 20140320

DOCDB simple family (application)
DE 202012103452 U 20120911; CN 201380046483 A 20130911; EP 13760050 A 20130911; EP 2013068796 W 20130911