

Title (en)

HEADLIGHT WITH AN LED LIGHT SOURCE

Title (de)

SCHEINWERFER MIT EINER LED-LICHTQUELLE

Title (fr)

PROJECTEUR MUNI D'UNE SOURCE LUMINEUSE À LED

Publication

EP 3169935 A1 20170524 (DE)

Application

EP 15749992 A 20150720

Priority

- DE 202014103329 U 20140718
- EP 2015066539 W 20150720

Abstract (en)

[origin: CA2955273A1] The invention relates to a headlight with an LED light source which includes at least one light-emitting diode arranged on a circuit board and which is arranged in a housing that encloses the LED light source, said housing having at least one light outlet surface through which the light emitted by the LED light source exits. According to the invention, the housing encloses the LED light source in a liquid- or gas-tight manner and has at least one coolant inlet and coolant outlet for a liquid or gaseous coolant.

IPC 8 full level

F21V 29/58 (2015.01); **F21V 29/60** (2015.01); **F21W 131/406** (2006.01)

CPC (source: EP KR US)

F21K 9/64 (2016.07 - US); **F21S 9/04** (2013.01 - US); **F21V 3/04** (2013.01 - EP KR US); **F21V 3/12** (2018.01 - EP US);
F21V 29/57 (2015.01 - US); **F21V 29/58** (2015.01 - EP KR US); **F21V 29/59** (2015.01 - EP KR US); **F21V 29/60** (2015.01 - EP KR US);
F21V 29/673 (2015.01 - US); **F21V 29/74** (2015.01 - EP US); **F21V 29/76** (2015.01 - US); **F21V 31/00** (2013.01 - US);
F21V 31/005 (2013.01 - KR); **F21W 2131/406** (2013.01 - EP KR US); **F21Y 2105/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP KR US)

Citation (search report)

See references of WO 2016009089A1

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)

DE 202014103329 U1 20140912; CA 2955273 A1 20160121; CN 106716004 A 20170524; EP 3169935 A1 20170524;
KR 20170039194 A 20170410; MX 2017000744 A 20171130; US 2017167712 A1 20170615; WO 2016009089 A1 20160121

DOCDB simple family (application)

DE 202014103329 U 20140718; CA 2955273 A 20150720; CN 201580049518 A 20150720; EP 15749992 A 20150720;
EP 2015066539 W 20150720; KR 20177004456 A 20150720; MX 2017000744 A 20150720; US 201515327032 A 20150720