

Title (en)

LIGHT DEVICE FOR A VEHICLE HEADLAMP

Title (de)

LEUCHTEINRICHTUNG FÜR EINEN KFZ-SCHEINWERFER

Title (fr)

DISPOSITIF D'ILLUMINATION POUR UN PHARE DE VÉHICULE

Publication

EP 3329179 A1 20180606 (DE)

Application

EP 16750359 A 20160718

Priority

- AT 506722015 A 20150728
- AT 2016060008 W 20160718

Abstract (en)

[origin: WO2017015684A1] The invention relates to a lighting device (1) for a headlamp, in particular a motor vehicle headlamp, comprising a multiplicity of light sources (100), a lightguide device (10) with a multiplicity of lightguide elements (11, 12, 13) and a downstream imaging optical element (200), wherein each lightguide element (11, 12, 13) has in each case a light input face and in each case a light exit face, wherein the lightguide elements (11, 12, 13) are arranged in at least one row, wherein the lightguide elements of at least one row are embodied as main beam lightguide elements (11) and form a main beam row, each main beam lightguide element (11) comprising in each case a lower lightguide face (24), wherein the lower lightguide face (24) has, at least in that area in which the light beams (52) are reflected, structures (25) which are present at least in certain locations.

IPC 8 full level

F21S 41/24 (2018.01); **F21S 41/141** (2018.01); **F21S 41/143** (2018.01); **F21S 41/663** (2018.01)

CPC (source: AT EP US)

F21S 41/143 (2017.12 - EP US); **F21S 41/24** (2017.12 - AT EP US); **F21S 41/285** (2017.12 - US); **F21S 41/663** (2017.12 - EP US);
F21S 41/143 (2017.12 - AT); **F21S 41/25** (2017.12 - AT); **F21Y 2115/10** (2016.07 - US)

Citation (search report)

See references of WO 2017015684A1

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)

WO 2017015684 A1 20170202; AT 517523 A1 20170215; AT 517523 A9 20170515; AT 517523 B1 20170915; CN 107850282 A 20180327;
CN 107850282 B 20200623; EP 3329179 A1 20180606; EP 3329179 B1 20190501; JP 2018520483 A 20180726; JP 6481054 B2 20190313;
US 10018317 B2 20180710; US 2018128443 A1 20180510

DOCDB simple family (application)

AT 2016060008 W 20160718; AT 506722015 A 20150728; CN 201680042909 A 20160718; EP 16750359 A 20160718;
JP 2017567754 A 20160718; US 201615564372 A 20160718