

Title (en)

LIGHTING DEVICE FOR A VEHICLE HEADLAMP WITH A LIGHT PATTERN HAVING A DARK-LIGHT-BOUNDARY

Title (de)

BELEUCHTUNGSEINHEIT FÜR EINEN KRAFTFAHRZEUGSCHEINWERFER ZUM ERZEUGEN EINES LICHTBÜNDELS MIT HELL-DUNKEL-GRENZE

Title (fr)

DISPOSITIF D'ILLUMINATION POUR PHARE DE VÉHICULE AVEC UNE DISTRIBUTION DE LUMIÈRE AYANT UNE COUPURE

Publication

**EP 3449178 B1 20200408 (DE)**

Application

**EP 17723237 A 20170426**

Priority

- AT 503942016 A 20160429
- AT 2017060107 W 20170426

Abstract (en)

[origin: WO2017185118A1] The invention relates to a lighting unit for a motor vehicle headlight for generating a light bundle having a light-dark boundary, wherein the lighting unit (100) comprises a light source (1), a collimator (2), a light source (1), an outlet lens (3) having an outer surface (3a), and a focal line region (4), which is arranged between the at least one collimator (2) and the outlet lens (3), and wherein the collimator (2) is designed and arranged in such a way that light beams (S2) exiting the at least one collimator (2) are focused directly at the focal line (FL) or into the focal line region (4) in the vertical direction.

IPC 8 full level

**F21S 41/27** (2018.01); **F21S 41/143** (2018.01); **F21S 41/275** (2018.01); **F21S 41/32** (2018.01); **F21S 41/40** (2018.01)

CPC (source: AT EP KR US)

**F21S 41/143** (2017.12 - EP KR US); **F21S 41/151** (2017.12 - EP); **F21S 41/24** (2017.12 - AT); **F21S 41/27** (2017.12 - AT EP KR US); **F21S 41/275** (2017.12 - EP KR US); **F21S 41/322** (2017.12 - AT EP KR US); **F21S 41/40** (2017.12 - EP KR US); **F21S 41/40** (2017.12 - AT)

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)

**WO 2017185118 A1 20171102**; AT 518557 A1 20171115; AT 518557 B1 20180415; CN 109073184 A 20181221; CN 109073184 B 20210907; EP 3449178 A1 20190306; EP 3449178 B1 20200408; KR 102195489 B1 20201230; KR 20180132149 A 20181211

DOCDB simple family (application)

**AT 2017060107 W 20170426**; AT 503942016 A 20160429; CN 201780026598 A 20170426; EP 17723237 A 20170426; KR 20187033426 A 20170426