

Title (en)
VEHICLE HEADLAMP

Title (de)
KFZ SCHEINWERFER

Title (fr)
PHARE DE VÉHICULE

Publication
EP 3494343 B1 20200805 (DE)

Application
EP 17739847 A 20170629

Priority
• AT 507122016 A 20160804
• AT 2017060162 W 20170629

Abstract (en)
[origin: WO2018023141A1] Motor vehicle lighting device (1) comprising at least one light source (2), an optical device (3) which is assigned to the at least one light source (2) and in which light of the at least one light source (2) is input, and an optical imaging system (6) which is assigned to the optical device (3) and which images light exiting from the optical device (3) in front of the motor vehicle lighting device (1), wherein the optical device (3) is configured to focus the light of the at least one light source and to deflect it in the form of at least two spatially separate light beams to the optical imaging system (6), and the optical imaging system (6) is configured to project the light beams in the form of two light distributions in front of the motor vehicle lighting device (1), specifically in the form of a main light distribution and a sign light partial light distribution, wherein at least one shutter (5) which is arranged perpendicularly with respect to an optical axis (4) of the optical imaging system (6) is arranged downstream of the optical device (3) and has at least a first opening (9) and at least a second opening (10), wherein the at least one first opening (9) is configured to shape a first light beam which forms the main light distribution, and the at least one second opening (10) is configured to shape a second light beam which forms the sign light partial light distribution.

IPC 8 full level
F21S 41/143 (2018.01); **F21S 41/151** (2018.01); **F21S 41/24** (2018.01); **F21S 41/43** (2018.01); **F21W 102/18** (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 - EP KR US); **F21S 41/26** (2017.12 - KR US);
F21S 41/43 (2017.12 - AT EP KR); **F21V 5/048** (2013.01 - US); **F21S 41/24** (2017.12 - AT); **F21S 41/25** (2017.12 - AT);
F21S 41/26 (2017.12 - EP); **F21V 2200/00** (2015.01 - US); **F21W 2102/18** (2017.12 - EP US); **F21Y 2115/10** (2016.07 - KR 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)

WO 2018023141 A1 20180208; AT 518551 A4 20171115; AT 518551 B1 20171115; CN 109477621 A 20190315; CN 109477621 B 20220401;
EP 3494343 A1 20190612; EP 3494343 B1 20200805; JP 2019523538 A 20190822; JP 6792051 B2 20201125; KR 102143845 B1 20200813;
KR 20190032468 A 20190327; US 10627065 B2 20200421; US 2020003382 A1 20200102

DOCDB simple family (application)

AT 2017060162 W 20170629; AT 507122016 A 20160804; CN 201780048351 A 20170629; EP 17739847 A 20170629;
JP 2019505380 A 20170629; KR 20197005002 A 20170629; US 201716319510 A 20170629