

Title (en)  
LIGHTING SYSTEM FOR MOTOR VEHICLE HEADLIGHT

Title (de)  
BELEUCHTUNGSSYSTEM FÜR KRAFTFAHRZEUGSCHEINWERFER

Title (fr)  
SYSTÈME D'ÉCLAIRAGE POUR PROJECTEUR DE VÉHICULE AUTOMOBILE

Publication  
**EP 3124854 B1 20181017 (FR)**

Application  
**EP 16181306 A 20160726**

Priority  
FR 1557182 A 20150728

Abstract (en)  
[origin: US2017030543A1] A lighting system for a motor vehicle comprising at least one primary optical device for emitting a light beam exhibiting a cutoff profile, the primary optical emission device comprising at least one light source and one single-piece primary optical member comprising an input surface suitable for receiving a light beam emitted by the light source, a ray interception surface configured to form the cutoff profile in the light beam received and an output surface for the light beam. This system also comprises a projection device arranged downstream of the primary optical emission device(s) and comprising an input surface arranged facing the primary optical emission device(s), and through which are introduced rays of the light beam derived as output from the primary optical emission device(s); a single continuous output surface through which the light beam is projected.

IPC 8 full level  
**F21S 41/00** (2018.01)

CPC (source: CN EP KR US)  
**F21S 41/143** (2018.01 - CN EP KR US); **F21S 41/151** (2018.01 - CN EP US); **F21S 41/24** (2018.01 - CN KR); **F21S 41/25** (2018.01 - CN); **F21S 41/255** (2018.01 - CN KR); **F21S 41/26** (2018.01 - CN EP US); **F21S 41/265** (2018.01 - CN KR US); **F21S 41/27** (2018.01 - CN EP KR US); **F21S 41/28** (2024.05 - CN EP US); **F21S 41/30** (2018.01 - CN); **F21S 41/322** (2018.01 - CN EP US); **F21S 41/43** (2018.01 - CN EP US); **F21S 41/663** (2018.01 - CN EP US); **F21V 5/04** (2013.01 - CN KR); **F21V 7/00** (2013.01 - CN); **F21S 45/47** (2018.01 - CN EP US); **F21W 2102/00** (2018.01 - CN); **F21W 2107/10** (2018.01 - CN)

Cited by  
EP3848626A1; CN115574286A; EP3527876A1; EP3847056A4; EP3489575A1; FR3079598A1; WO2017207079A1; WO2023135171A1; WO2019158348A1; US11287098B2; US11549655B2; US10851959B2

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)  
**EP 3124854 A1 20170201**; **EP 3124854 B1 20181017**; CN 106439667 A 20170222; CN 106439667 B 20211102; CN 113883465 A 20220104; CN 113883465 B 20240614; EP 3415810 A1 20181219; ES 2702050 T3 20190227; FR 3039630 A1 20170203; KR 20170013838 A 20170207; KR 20240024155 A 20240223; PL 3124854 T3 20190830; US 10151437 B2 20181211; US 11156333 B2 20211026; US 11892133 B2 20240206; US 2017030543 A1 20170202; US 2019093846 A1 20190328; US 2022049829 A1 20220217

DOCDB simple family (application)  
**EP 16181306 A 20160726**; CN 201610608042 A 20160728; CN 202111207224 A 20160728; EP 18186347 A 20160726; ES 16181306 T 20160726; FR 1557182 A 20150728; KR 20160095459 A 20160727; KR 20240020534 A 20240213; PL 16181306 T 20160726; US 201615219778 A 20160726; US 201816198535 A 20181121; US 202117504390 A 20211018