

Title (en)

VEHICLE HEADLAMP WITH COLOR FILTER FOR REDUCING COLOR FRINGES

Title (de)

KRAFTFAHRZEUGSCHEINWERFER MIT FARBFILTER ZUR REDUZIERUNG DES FARBSAUMS

Title (fr)

PROJECTEUR DE VEHICULE AVEC FILTRE DE COULEUR POUR REDUIRE LES FRANGES COLORÉES

Publication

EP 3526514 B1 20220824 (DE)

Application

EP 17781467 A 20171009

Priority

- EP 16193831 A 20161014
- EP 2017075652 W 20171009

Abstract (en)

[origin: WO2018069235A1] The present invention relates to a projection headlight/spotlight module, comprising a reflector having a first and a second focal point, a light source arranged at the first focal point of the reflector or approximately at the first focal point of the reflector, a lens, which shares its focal point with the second focal point of the reflector, and a stop system having color filters for reducing color fringing. Projection headlight/spotlight modules according to the invention are suitable in particular for the illumination of automobiles, of utility vehicles, of rail vehicles, two-wheelers, ships, in particular of front headlights, as theater spotlights, as architectural lighting, for instance for illuminating facades.

IPC 8 full level

F21S 41/43 (2018.01); **F21S 41/20** (2018.01)

CPC (source: EP US)

F21S 41/143 (2017.12 - US); **F21S 41/16** (2017.12 - US); **F21S 41/176** (2017.12 - US); **F21S 41/285** (2017.12 - EP US); **F21S 41/32** (2017.12 - US); **F21S 41/43** (2017.12 - EP US); **F21Y 2115/10** (2016.07 - 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 2018069235 A1 20180419; CN 109996990 A 20190709; CN 109996990 B 20211228; EP 3526514 A1 20190821; EP 3526514 B1 20220824; US 10619815 B2 20200414; US 2019234574 A1 20190801

DOCDB simple family (application)

EP 2017075652 W 20171009; CN 201780063236 A 20171009; EP 17781467 A 20171009; US 201716340434 A 20171009