

Title (en)
VEHICULAR LIGHTING EQUIPMENT

Title (de)
FAHRZEUGBELEUCHTVORRICHTUNG

Title (fr)
ÉQUIPEMENT D'ÉCLAIRAGE POUR VÉHICULE

Publication
EP 2280214 A4 20180411 (EN)

Application
EP 09754705 A 20090526

Priority
• JP 2009059620 W 20090526
• JP 2008139586 A 20080528

Abstract (en)
[origin: EP2280214A1] A vehicle lamp of a direct projection type is configured to control deflection of direct light from a light emitting surface 14A serving as a surface light source using a convex lens 12. A lower end edge of the light emitting surface 14A includes a first side 14A1 and a second side 14A2, each extending linearly so as to form an obtuse angle with each other in a front view of the lamp, a point of intersection thereof is positioned on a rear focal point F of the convex lens 12, and is disposed to face forward such that the first side 14A1 is disposed on a horizontal plane including an optical axis Ax. It is configured such that, using first and second lens portions 12Z1, 12Z2 of the convex lens 12 respectively, the light from the light emitting surface 14A is deflected and/or diffused in directions respectively parallel to the first side 14A1 and the second side 14A2. According to this vehicle lamp, it is possible to form a light distribution pattern having horizontal and oblique cutoff lines on an upper end portion thereof, while providing a degree of freedom for a light intensity distribution on the light distribution pattern and suppressing generation of great unevenness in light distribution on a road surface ahead of a vehicle.

IPC 8 full level
F21S 41/265 (2018.01); **F21S 41/143** (2018.01); **F21S 41/155** (2018.01); **F21W 102/155** (2018.01); **F21Y 105/00** (2016.01); **F21Y 115/10** (2016.01)

CPC (source: EP US)
F21S 41/143 (2017.12 - EP US); **F21S 41/151** (2017.12 - EP US); **F21S 41/155** (2017.12 - EP); **F21S 41/265** (2017.12 - EP US); **F21S 41/172** (2017.12 - EP US); **F21S 41/24** (2017.12 - EP); **F21W 2102/135** (2017.12 - EP); **F21W 2102/155** (2017.12 - EP); **F21Y 2105/12** (2016.07 - EP US); **F21Y 2105/18** (2016.07 - EP US)

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Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
EP 2280214 A1 20110202; EP 2280214 A4 20180411; EP 2280214 B1 20200212; JP 2009289537 A 20091210; JP 5235502 B2 20130710; WO 2009145197 A1 20091203

DOCDB simple family (application)
EP 09754705 A 20090526; JP 2008139586 A 20080528; JP 2009059620 W 20090526