

Title (en)
VEHICLE LAMP FITTING

Title (de)
FAHRZEUGLAMPENARMATUR

Title (fr)
DOUILLE DE LAMPE POUR VÉHICULE

Publication
EP 2824382 A4 20160127 (EN)

Application
EP 13757684 A 20130220

Priority
• JP 2012052246 A 20120308
• JP 2013000936 W 20130220

Abstract (en)
[origin: EP2824382A1] An automotive lamp (60) includes a light source (16), an inner lens (64), a transparent cover (12), and a reflection structure that reflects at least part of light, which enters the automotive lamp (60), in directions excluding a predetermined range of angles including an optical axis of the light source. Here, the at least part of light enters the automotive lamp (60) through the transparent cover (12) from above at a predetermined angle relative to the horizontal line. The reflection structure is reflective members (68), which are each formed approximately vertical to the direction of light entering the automotive lamp (60) and which are used to connect adjacent lens portions (66) of the inner lens (64).

IPC 1-7
F21Y 101/02

IPC 8 full level
F21S 8/10 (2006.01); **F21V 11/00** (2015.01); **F21W 101/14** (2006.01)

CPC (source: EP US)
F21S 41/285 (2017.12 - EP); **F21S 41/37** (2017.12 - EP); **F21S 41/40** (2017.12 - EP); **F21S 43/26** (2017.12 - EP); **F21S 43/33** (2017.12 - EP); **F21S 43/50** (2017.12 - EP US)

Citation (search report)
• [X] DE 2939329 A1 19810416 - BOSCH GMBH ROBERT [DE]
• [X] JP H09306206 A 19971128 - KOITO MFG CO LTD
• [X] FR 2517804 A1 19830610 - BOSCH GMBH ROBERT [DE]
• [XI] JP S5995516 U 19840628
• [XI] FR 2493960 A1 19820514 - COMIND SPA [IT]
• [XI] JP S6022706 U 19850216
• See references of WO 2013132763A1

Cited by
EP3851738A1; IT202000000979A1

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 2824382 A1 20150114; EP 2824382 A4 20160127; JP 6177228 B2 20170809; JP WO2013132763 A1 20150730;
WO 2013132763 A1 20130912

DOCDB simple family (application)
EP 13757684 A 20130220; JP 2013000936 W 20130220; JP 2014503447 A 20130220