

Title (en)
VEHICULAR LIGHTING WITH LIGHT GUIDES

Title (de)
FAHRZEUGLEUCHTE MIT LICHTLEITERN

Title (fr)
LAMPE DE VEHICULE AVEC GUIDES DE LUMIERE

Publication
EP 3258166 A1 20171220 (EN)

Application
EP 17173931 A 20170601

Priority
• JP 2016118123 A 20160614
• JP 2016118124 A 20160614

Abstract (en)
To use a simple structure to achieve light emission of different colors in vehicular lighting producing light emission in a manner such that light of a light source including a semiconductor device is guided into a light guide member. The vehicular lighting includes an inner one-color light source 90 and an outer other-color light source 101 which include semiconductors. The vehicular lighting includes an upper light guide member 111 guiding light from one end toward the other end, the light being launched from the inner one-color light source 90 and the outer other-color light source 101 to an inner entrance 112 and an outer entrance 114 at the one end, the inner and outer entrances 112 and 114 being located at one end. The inner one-color light source 90 and the outer other-color light source 101 enabling launch of respectively different color lights are mounted at both ends of the upper light guide member 111.

IPC 8 full level
F21S 8/10 (2006.01)

CPC (source: EP)
F21S 43/14 (2017.12); **F21S 43/237** (2017.12); **F21S 43/245** (2017.12); **F21S 43/249** (2017.12); **F21S 43/27** (2017.12); **F21S 43/31** (2017.12)

Citation (applicant)
• JP 2015053147 A 20150319 - ICHIKOH INDUSTRIES LTD
• JP 2013243068 A 20131205 - KOITO MFG CO LTD, et al

Citation (search report)
• [XYI] EP 1970250 A1 20080917 - ODELO GMBH [DE]
• [XI] DE 102012220696 A1 20140515 - HELLA KGAA HUECK & CO [DE]
• [I] US 2012224385 A1 20120906 - GODBILLON VINCENT [FR], et al
• [I] EP 2980469 A1 20160203 - VALEO VISION BELGIQUE [BE]
• [I] JP 2013206875 A 20131007 - KOITO MFG CO LTD
• [Y] EP 2977672 A1 20160127 - STANLEY ELECTRIC CO LTD [JP]
• [Y] WO 2013008215 A1 20130117 - AUTOMOTIVE LIGHTING ITALIA SPA [IT], et al
• [A] US 8118460 B2 20120221 - HOTEI TAKASHI [JP], et al
• [A] EP 2360425 A1 20110824 - STANLEY ELECTRIC CO LTD [JP]
• [A] CN 1945107 A 20070411 - HONDA MOTOR CO LTD [JP]

Cited by
US11754243B2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3258166 A1 20171220; EP 3258166 B1 20231025

DOCDB simple family (application)
EP 17173931 A 20170601