

Title (en)
OPTICAL ELEMENT FOR A LASER VEHICLE HEADLIGHT

Title (de)
OPTIKELEMENT FÜR EINEN LASER-FAHRZEUGSCHEINWERFER

Title (fr)
ÉLÉMENT OPTIQUE POUR PROJECTEUR LASER DE VÉHICULE

Publication
EP 2795183 B1 20170712 (DE)

Application
EP 13712667 A 20130228

Priority
• AT 500722012 A 20120312
• AT 2013050048 W 20130228

Abstract (en)
[origin: WO2013134802A1] The invention relates to an optical element (1) for a laser vehicle headlight (2), wherein the laser vehicle headlight (2) comprises at least one laser light source (3) and at least one luminous element (4) which can be irradiated by the laser light source (3) and can thus be excited to emit visible light, wherein the optical element (1) has at least one receptacle for the luminous element (4) and at least one reflection layer (9) which reflects light in the direction of the laser light source (3) is assigned to the optical element (1) at least on a side of the luminous element (4) which faces away from the laser light source (3) in the mounted state. The invention additionally relates to a light source module (16) comprising at least one optical element (1) of this type, and a vehicle headlight (2) comprising at least one optical element (1) of this type or comprising at least one light source module (16) as mentioned initially.

IPC 8 full level
F21S 8/12 (2006.01); **F21V 5/00** (2015.01); **F21V 7/00** (2006.01)

CPC (source: CN EP US)
F21S 41/143 (2017.12 - CN); **F21S 41/16** (2017.12 - EP US); **F21S 41/176** (2017.12 - EP US); **F21S 41/192** (2017.12 - EP US); **F21S 41/20** (2017.12 - CN EP US); **F21S 41/24** (2017.12 - EP US); **F21S 41/285** (2017.12 - CN EP US); **F21S 41/30** (2017.12 - US); **F21S 41/322** (2017.12 - CN EP US); **F21S 41/365** (2017.12 - EP US); **F21S 41/37** (2017.12 - CN EP US); **F21S 41/40** (2017.12 - EP US); **F21S 41/43** (2017.12 - EP US); **F21S 45/47** (2017.12 - EP US); **F21S 45/70** (2017.12 - EP US)

Citation (examination)
• EP 2796771 A1 20141029 - STANLEY ELECTRIC CO LTD [JP]
• EP 2525140 A2 20121121 - STANLEY ELECTRIC CO LTD [JP]

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 2013134802 A1 20130919; AT 512587 A1 20130915; AT 512587 B1 20131115; CN 104334965 A 20150204; CN 104334965 B 20170222; EP 2795183 A1 20141029; EP 2795183 B1 20170712; IN 1956MUN2014 A 20150710; JP 2015513777 A 20150514; JP 5888536 B2 20160322; MX 2014010935 A 20141113; MX 341655 B 20160826; US 2015049501 A1 20150219; US 9845932 B2 20171219

DOCDB simple family (application)
AT 2013050048 W 20130228; AT 500722012 A 20120312; CN 201380014194 A 20130228; EP 13712667 A 20130228; IN 1956MUN2014 A 20140929; JP 2014561225 A 20130228; MX 2014010935 A 20130228; US 201314382567 A 20130228