

Title (en)

Vehicle light provided with at least one light source of light-emitting diode type and the assembly method therefor

Title (de)

Fahrzeugleuchte mit mindestens einer Lichtquelle bestehend aus einer Leuchtdiode und die Fertigungsmethode dafür

Title (fr)

Feu de véhicule avec une source lumineuse du type DEL et la méthode de production

Publication

**EP 2584250 A1 20130424 (EN)**

Application

**EP 12188960 A 20121018**

Priority

IT PD20110336 A 20111021

Abstract (en)

Vehicle light (4) comprising a container body (8) and a lenticular body (12) which define a housing chamber (16) hosting a light-emitting diode light source (20), which comprises an electric support and connection component (28), at least one support wall (36), at least one light-emitting diode (40) having an encapsulation (48) which projects overhanging from the support wall (36). The light (4) comprises guide and attachment means (52) which define at least one housing seat (56) for the electric support and connection component (28), wherein the guide and attachment means (52) comprise at least one front wall (60) directly facing the encapsulation (48). The vehicle light comprises at least one protection device (50) at least partially joined around said encapsulation (48) so as to allow the insertion of the diode light source (20) in the housing seat (56), and to prevent any impact or contact between the encapsulation (48) and the front wall (60), in the step of inserting the diode light source (20) in the respective housing seat (56).

IPC 8 full level

**F21S 8/10** (2006.01); **F21W 107/10** (2018.01); **F21Y 101/02** (2006.01)

CPC (source: EP)

**F21S 43/14** (2017.12); **F21S 43/19** (2017.12); **F21S 45/10** (2017.12)

Citation (search report)

- [IY] FR 2955530 A1 20110729 - SAINT GOBAIN [FR]
- [Y] US 2008062698 A1 20080313 - TAI YUN [TW], et al
- [A] US 2002041498 A1 20020411 - FURST PETER [DE], et al
- [A] EP 1726480 A2 20061129 - FICO MIRRORS SA [ES]

Cited by

EP3413360A1; ITTV20130177A1; CN106122871A; FR3023672A1; US9713220B2; WO2021104523A1; WO2015059675A1

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 2584250 A1 20130424**; **EP 2584250 B1 20200819**; ES 2831300 T3 20210608; IT PD20110336 A1 20130422; PL 2584250 T3 20210504

DOCDB simple family (application)

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