

Title (en)

Light unit for vehicles and mounting method

Title (de)

Leuchteinheit für Fahrzeuge und Montageverfahren

Title (fr)

Unité de lampe pour véhicules et procédé de montage

Publication

EP 2327926 B2 20161214 (DE)

Application

EP 09177013 A 20091125

Priority

EP 09177013 A 20091125

Abstract (en)

[origin: EP2327926A1] The lighting unit (1) has a light source (4) which is fixed at a body and an optical element that is arranged in light emitting direction by the light source. The optical element is held at another body (8). A distance piece is provided as fastening unit, where the distance piece is extended between the bodies under formation of a release for the light source. An independent claim is also included for a method for mounting a lighting unit.

IPC 8 full level

F21S 8/10 (2006.01); **F21S 8/12** (2006.01); **F21V 17/00** (2006.01)

CPC (source: EP US)

F21S 41/00 (2017.12 - US); **F21S 41/143** (2017.12 - EP US); **F21S 41/151** (2017.12 - EP US); **F21S 41/25** (2017.12 - EP); **F21S 41/29** (2017.12 - EP); **F21S 41/295** (2017.12 - EP US); **F21S 45/47** (2017.12 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (opposition)

Opponent :

- DE 102006059902 A1 20080626 - HELLA KGAA HUECK & CO [DE]
- FR 2889290 A1 20070202 - KOITO MFG CO LTD [JP]
- EP 1684007 B1 20080423 - HELLA KGAA HUECK & CO [DE]
- FR 2907196 A1 20080418 - VALEO VISION SA [FR]
- FR 2687762 A1 19930827 - VALEO VISION [FR]

Cited by

DE102018107213A1; DE102013108746A1; DE102019106492A1; AT514705A4; AT514705B1; DE102019106504A1; CN113557385A; DE102018131027A1; US10429024B2; DE102015120800A1; US11566764B2; WO2017143372A1; US10563836B2; US11435048B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2327926 A1 20110601; EP 2327926 B1 20131225; EP 2327926 B2 20161214

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