

Title (en)  
Vehicular lamp

Title (de)  
Fahrzeuglampe

Title (fr)  
Lampe véhiculaire

Publication  
**EP 2518393 A2 20121031 (EN)**

Application  
**EP 12164740 A 20120419**

Priority  
JP 2011098748 A 20110426

Abstract (en)  
A vehicular lamp includes: an LED (40); an LED mount portion (27) for mounting the LED (40); a reflector (25) having a first opening portion (34) that is disposed in front of a light emitting surface of the LED (40) and through which light from the LED (40) enters, a reflection portion (33) that reflects the light that has entered through the first opening portion (34), and a second opening portion (35) through which the light reflected from the reflection portion (33) is radiated, wherein the area of the first opening portion (34) is smaller than the area of the light emitting surface of the LED (40); and a projection lens (30) that controls the light radiated from the reflector (25) and radiates the light to the front of the lamp.

IPC 8 full level  
**F21S 8/12** (2006.01); **F21V 7/00** (2006.01); **F21V 17/00** (2006.01); **F21V 19/00** (2006.01); **F21W 101/10** (2006.01); **F21W 107/10** (2018.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)  
**F21S 41/143** (2017.12 - EP US); **F21S 41/151** (2017.12 - EP US); **F21S 41/155** (2017.12 - EP); **F21S 41/19** (2017.12 - EP); **F21S 41/255** (2017.12 - EP); **F21S 41/321** (2017.12 - EP); **F21S 41/323** (2017.12 - EP); **F21S 41/39** (2017.12 - EP); **F21S 41/43** (2017.12 - EP); **F21S 41/663** (2017.12 - EP US); **F21S 45/47** (2017.12 - EP US); **F21W 2102/18** (2017.12 - EP)

Citation (applicant)  
JP 2006286395 A 20061019 - ICHIKOH INDUSTRIES LTD

Cited by  
CN110945281A; EP3444525A4

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 2518393 A2 20121031**; **EP 2518393 A3 20180418**; **EP 2518393 B1 20190227**; CN 102759056 A 20121031; CN 102759056 B 20140827; JP 2012230834 A 20121122; JP 5666977 B2 20150212

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**EP 12164740 A 20120419**; CN 201210127428 A 20120426; JP 2011098748 A 20110426