

Title (en)
Lighting module for vehicle headlamp

Title (de)
Beleuchtungsmodul für Kfz-Scheinwerfer

Title (fr)
Module d'éclairage pour projecteur de véhicule

Publication
EP 1528312 B1 20150527 (FR)

Application
EP 04292527 A 20041025

Priority
FR 0312833 A 20031031

Abstract (en)
[origin: EP1528312A1] The module has reflectors (3, 4) each comprising an optical axis passing through a focus (F2) of a reflector (2) and perpendicular to an optical axis of the reflector (2). A folder (5) arranged between the reflectors (3, 4) has an upper reflecting surface (10) carrying the optical axis of the reflectors (3, 4). The surface permits to fold images of light source (6) reflected by elliptical surface (7) of the reflector (2) to the focus.

IPC 8 full level
F21S 8/10 (2006.01); **F21V 7/00** (2006.01); **F21V 7/09** (2006.01); **F21W 101/10** (2006.01); **F21W 107/10** (2018.01); **F21Y 101/00** (2016.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)
F21S 41/145 (2017.12 - EP US); **F21S 41/155** (2017.12 - EP US); **F21S 41/321** (2017.12 - EP US); **F21S 41/323** (2017.12 - EP US); **F21S 41/365** (2017.12 - EP US); **F21S 41/43** (2017.12 - EP US); **F21S 41/60** (2017.12 - EP US); **F21S 41/663** (2017.12 - EP US); **F21S 43/14** (2017.12 - EP US); **F21S 43/31** (2017.12 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Cited by
CN102460002A; CN105698089A; EP1843085A1; FR2899668A1; FR3130011A1; EP2131098A1; FR2932245A1; EP2009346A1; FR2917811A1; CN102192460A; EP3521692A1; FR3077367A1; US7543964B2; US7918595B2; US8545073B2; US10801687B2; WO2010121948A1; WO2023104833A1; EP3521692B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1528312 A1 20050504; **EP 1528312 B1 20150527**; FR 2861831 A1 20050506; FR 2861831 B1 20060120; JP 2005135919 A 20050526; JP 4773705 B2 20110914; US 2005094402 A1 20050505; US 2008137358 A1 20080612; US 7347600 B2 20080325; US 7604385 B2 20091020

DOCDB simple family (application)
EP 04292527 A 20041025; FR 0312833 A 20031031; JP 2004316625 A 20041029; US 3141308 A 20080214; US 97573904 A 20041028