

Title (en)

Headlight for vehicles with screen actuated by means of solenoid

Title (de)

Fahrzeugscheinwerfer mit einer magnetbetätigten Blende

Title (fr)

Phare pour véhicules avec un écran actionné par solénoïdes

Publication

EP 2442017 A1 20120418 (EN)

Application

EP 11178928 A 20110825

Priority

IT AN20100181 A 20101018

Abstract (en)

A headlight (1) for vehicles is disclosed, comprising a lamp (2), a rotating screen (9) adapted to rotate to partially dim the light beam, and a solenoid actuator (4) comprising a stator (5) fixed to a fixed flange (3) and a rotor (6) connected to said rotating screen (9), said solenoid actuator (4) being actuated by the vehicle's driver by means of a specific control to cause the rotation of said rotating screen (9). The rotor (6) of the solenoid actuator (4) is revolvingly mounted around said stator (5) in such a way that the stator is inside the rotor.

IPC 8 full level

F21V 14/08 (2006.01)

CPC (source: EP)

F21S 41/689 (2017.12)

Citation (applicant)

- DE 10051833 A1 20020508 - BOSCH GMBH ROBERT [DE]
- FR 2868507 A1 20051007 - VALEO VISION SA [FR]
- DE 102004025228 A1 20051208 - HELLA KGAA HUECK & CO [DE]
- WO 2008035385 A2 20080327 - SO GE MI SPA [IT], et al

Citation (search report)

- [AD] WO 2008035385 A2 20080327 - SO GE MI SPA [IT], et al
- [A] US 2009190368 A1 20090730 - SMAJSER PETR [CZ], et al
- [A] JP 2002056707 A 20020222 - ICHIKOH INDUSTRIES LTD
- [A] DE 10334553 A1 20050616 - HELLA KGAA HUECK & CO [DE]
- [A] EP 1764550 A1 20070321 - VALEO VISION [FR]
- [A] JP 2001143505 A 20010525 - STANLEY ELECTRIC CO LTD

Cited by

US2017114977A1; US10386034B2; US2015292702A1; EP2894064A4; US10180225B2; EP2966345A1; FR3023602A1; CN105261441A

Designated contracting state (EPC)

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Designated extension state (EPC)

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