

Title (en)

Multi-function headlamp for motor vehicles

Title (de)

Multifunktionsscheinwerfereinrichtung für Kraftfahrzeuge

Title (fr)

Projecteur à plusieurs fonctions pour véhicule automobile

Publication

**EP 1701087 A3 20140115 (FR)**

Application

**EP 06290369 A 20060303**

Priority

FR 0502320 A 20050308

Abstract (en)

[origin: EP1701087A2] The headlight has a halogen light source (S), and a main elliptical reflector (1) with an indented part (4). A secondary elliptical reflector (5) is added in the indented zone of the reflector (1). An optical axis (Y-Y) of the reflector (5) is inclined relative to an optical axis (X-X) of the reflector (1). An additional lens (8) is placed in front of the reflector (5) to admit an optical axis parallel to that of a main lens (9).

IPC 8 full level

**F21V 7/00** (2006.01); **F21S 8/10** (2006.01); **F21S 8/12** (2006.01); **F21V 14/08** (2006.01); **F21W 107/10** (2018.01)

CPC (source: EP US)

**F21S 41/162** (2017.12 - EP US); **F21S 41/172** (2017.12 - EP US); **F21S 41/255** (2017.12 - EP US); **F21S 41/265** (2017.12 - US); **F21S 41/321** (2017.12 - EP US); **F21S 41/338** (2017.12 - EP US); **F21S 41/36** (2017.12 - EP US); **F21S 41/43** (2017.12 - EP US); **F21S 41/60** (2017.12 - EP US); **F21S 41/689** (2017.12 - EP US); **F21S 41/683** (2017.12 - US)

Citation (search report)

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- [I] EP 1219887 A2 20020703 - STANLEY ELECTRIC CO LTD [JP]
- [A] US 4851968 A 19890725 - NINO NAOHI [JP]
- [A] EP 0723108 A1 19960724 - BOSCH GMBH ROBERT [DE]
- [A] FR 2793542 A1 20001117 - VALEO VISION [FR]
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1701087 A2 20060913**; **EP 1701087 A3 20140115**; FR 2883066 A1 20060915; FR 2883066 B1 20070511; JP 2006253137 A 20060921; US 2006203503 A1 20060914; US 7543969 B2 20090609

DOCDB simple family (application)

**EP 06290369 A 20060303**; FR 0502320 A 20050308; JP 2006061955 A 20060308; US 37104006 A 20060307