

Title (en)

Improved motor vehicle headlamp of the elliptical type

Title (de)

Verbesserter Kfz-Scheinwerfer elliptischen Types

Title (fr)

Projecteur du genre elliptique à construction perfectionnée pour véhicule automobile

Publication

EP 0750157 A3 19970528 (FR)

Application

EP 96401350 A 19960620

Priority

FR 9507488 A 19950622

Abstract (en)

[origin: EP0750157A2] The headlamp comprises a lamp (La) and an elliptically shaped mirror (M). The mirror has a first focus in the vicinity of the lamp and a second focus further forwards w.r.t. the optical axis of the device. A converging lens (Le) is focused in the region of the second mirror focus point. A mounting ring (B) is solidly attached to the leading edge of the mirror, and a lamp carrier is formed at the rear part of the mirror in order to support the lamp (La). The mirror, the lens mounting ring and the lamp carrier are formed in two pieces (100,200) which are fitted together in a direction (F2) which is perpendicular to the optical axis of the lamp. Each of the two pieces defines a section of mirror (M',M''), a section of lens mounting ring (B',B'') and a section of the lamp carrier (PL',PL'').

IPC 1-7

F21M 7/00; **F21M 3/05**; **F21M 3/08**; **F21M 3/14**

IPC 8 full level

F21S 8/12 (2006.01); **F21V 7/00** (2006.01); **F21V 11/16** (2006.01); **F21V 17/00** (2006.01)

CPC (source: EP)

F21S 41/295 (2017.12); **F21S 41/321** (2017.12); **F21S 41/43** (2017.12); **F21S 41/55** (2017.12)

Citation (search report)

- [A] FR 2687760 A1 19930827 - VALEO VISION [FR]
- [A] FR 1269171 A 19610811 - RENE CHATELAIN ETS

Cited by

EP1967787A1; EP1548354A3; EP2331366A4; EP1564480A3; FR2767183A1; FR2782777A1; US7980732B2; EP1286108A2; US7134774B2; WO2022129392A1

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 0750157 A2 19961227; **EP 0750157 A3 19970528**; **EP 0750157 B1 20021218**; DE 69625409 D1 20030130; DE 69625409 T2 20031030; ES 2188732 T3 20030701; FR 2735849 A1 19961227; FR 2735849 B1 19970822

DOCDB simple family (application)

EP 96401350 A 19960620; DE 69625409 T 19960620; ES 96401350 T 19960620; FR 9507488 A 19950622