

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

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