

Title (en)

Elliptical vehicle headlamp emitting different light beams

Title (de)

Elliptischer Kfz-Scheinwerfer zur Erzeugung von verschiedenen Lichtbündeln

Title (fr)

Projecteur elliptique pour véhicule automobile émettant des faisceaux d'éclairage différents

Publication

EP 1422471 A3 20071205 (FR)

Application

EP 03292835 A 20031114

Priority

FR 0214777 A 20021121

Abstract (en)

[origin: EP1422471A2] The headlamp (10) comprises an elliptical reflector (14) and a converging lens. Two (24,26) may be inserted along the optical axis (AA) of the headlamp, between the reflector and the lens. The masks may be pivoted, enabling the beam to be adjusted between dipped and full positions. The headlamp (10) for a motor vehicle comprises a light source (16) and an elliptical reflector (14) whose first focus is situated near to the source (16). A converging lens is provided with its focal plane passing near to the second focus of the reflector. First and second masks (24,26) may be inserted along the optical axis (AA) of the headlamp, between the reflector and the lens. The second mask (26) is mounted to pivot between two positions about a second axis which itself is mounted on the first mask. The first mask (24) is rectangular and is mounted to pivot about a first axis, such that it and the second mask may be raised into a position near to the optical axis of the headlamp. This allows the beam to be adjusted between dipped and full positions.

IPC 8 full level

F21V 14/08 (2006.01)

CPC (source: EP)

F21S 41/62 (2017.12); **F21S 41/689** (2017.12)

Citation (search report)

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Designated contracting state (EPC)

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