

Title (en)

Vehicle headlamp with ellipsoidal type light reflector

Title (de)

Fahrzeugscheinwerfer mit einem ellipsoid-ähnlichen Reflektor

Title (fr)

Projecteur du genre elliptique pour véhicule automobile

Publication

EP 0628765 B1 19961218 (FR)

Application

EP 94400828 A 19940415

Priority

FR 9304449 A 19930415

Abstract (en)

[origin: FR2704044A1] A motor vehicle headlight comprises a source (10), a mirror (20) of the elliptical type, in the vicinity of a first focus of which the light source is located, a lens (40) in front of the mirror and a closure glass (50) in front of the lens. The mirror comprises, in at least one region (22a, 22b), a reflecting surface, each horizontal segment of which reflects the radiation towards a plurality of horizontal convergence points (Fc) located at horizontal positions (h(y_c)) which vary as a function of the separation (y_c) of the reflection location in question from the optical axis, and each vertical segment of which reflects the radiation coming from the source towards vertical convergence points located in proximity to the said focal plane. The closure glass (50) is essentially smooth or slightly deviating in the horizontal direction. <IMAGE>

IPC 1-7

F21M 3/08

IPC 8 full level

F21V 7/00 (2006.01)

CPC (source: EP US)

F21S 41/32 (2017.12 - EP US); **F21S 41/334** (2017.12 - EP); **F21S 41/337** (2017.12 - EP US)

Cited by

EP1388463A1; FR2843184A1; EP0923695B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

FR 2704044 A1 19941021; **FR 2704044 B1 19950713**; DE 69401164 D1 19970130; DE 69401164 T2 19970515; EP 0628765 A1 19941214; EP 0628765 B1 19961218

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