

Title (en)

Additional headlamp to a dipped headlamp for a motor vehicle.

Title (de)

Zusatzscheinwerfer für Abblendscheinwerfer von Kraftfahrzeugen.

Title (fr)

Projecteur additionnel à un projecteur de croisement pour véhicule automobile.

Publication

EP 0250313 A1 19871223 (FR)

Application

EP 87401347 A 19870616

Priority

FR 8608722 A 19860617

Abstract (en)

[origin: US4841423A] A motor vehicle headlight suitable for emitting a light beam which is essentially complementary to a dipped beam having a cut-off so that together the two beams constitute a main beam, the headlight being of the type comprising an axial filament lamp (100), a reflector (200), and a closure glass (300), the headlight including the improvement whereby: the filament of the lamp emits freely in all directions thereabout; the reflector comprises two first sectors which are paraboloid in shape, which have a common focus (FO) situated approximately in the middle (in the axial direction) of the filament, which are delimited by half-planes that are inclined on either side of a horizontal plane passing through the axis of the headlight in order to create a spot of light concentration in the vicinity of the headlight axis, and two other sectors which interconnect said first sectors and which are shaped such that the major part of each filament image produced thereby lies above a cutoff that substantially co-incides with the cutoff of the dipped beam; and certain zones of the closure glass include means for distributing the beam horizontally.

Abstract (fr)

L'invention concerne un projecteur pour véhicule automobile, susceptible d'émettre un faisceau lumineux complémentaire à un faisceau de croisement à coupure, de telle sorte que ces deux faisceaux définissent ensemble un faisceau de route. Selon l'invention, il comprend :- une lampe à filament axial (100) émettant librement autour de lui,- un réflecteur (200) comportant deux premiers secteurs en forme de paraboloïdes dont le foyer (F_{O}) est situé au milieu du filament (100), délimités par des demi-plans inclinés de part et d'autre du plan horizontal passant par l'axe du projecteur, et deux autres secteurs qui, en assurant la jonction entre les premiers secteurs, amènent toutes les images du filament (100) au moins partiellement au-dessus d'une coupure essentiellement confondue avec celle du faisceau de croisement, et- une glace de fermeture (300) comportant des zones de répartition horizontale du faisceau.

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CPC (source: EP US)

F21S 41/335 (2017.12 - EP US)

Citation (search report)

- [AD] FR 1393430 A 19650326
- [A] US 4530042 A 19850716 - CIBIE PIERRE [FR], et al

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