

Title (en)

DIPPED HEADLAMP WITHOUT A CAP AND HAVING AN OFFSET CONCENTRATION

Publication

**EP 0250284 B1 19900404 (FR)**

Application

**EP 87401169 A 19870525**

Priority

FR 8607462 A 19860526

Abstract (en)

[origin: US4772988A] A dipped headlight for a motor vehicle, comprises: a reflector (200) including two sectors (201, 202) in the form of paraboloids of revolution about a common axis, said sectors being disposed symmetrically about said axis and being delimited by two axial planes, one of which planes is horizontal and the other of which planes is at an angle to said horizontal plane equal to the lift angle (  $\alpha$  ) of the dipped beam cutoff; an axial filament lamp upwardly offset in a radial direction from said axis; and a light-spreading glass placed in front of the reflector and having non-deflecting or substantially non-deflecting zones corresponding to said two sectors in the form of paraboloids of revolution; said headlight including the improvements whereby: said two sectors in the form of paraboloids of revolution have different focal lengths, with their focuses being situated on the axis and respectively ahead of and behind the center of the filament; and said reflector further includes reflecting surfaces (203, 204, 205, 206) extending beyond said axial planes and interconnecting, without discontinuity, said two paraboloidal sectors having different focuses, said reflecting surfaces reflecting images of the filament below said cutoff.

IPC 1-7

**F21M 3/08**

IPC 8 full level

**F21S 8/10** (2006.01); **F21V 7/00** (2006.01); **F21V 7/06** (2006.01); **F21V 7/09** (2006.01); **F21V 14/02** (2006.01); **F21W 101/10** (2006.01)

CPC (source: EP US)

**F21S 41/335** (2017.12 - EP US)

Cited by

FR2802285A1; EP0558949A3; US5461549A; EP0331928A3; AU622437B2

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DE IT

DOCDB simple family (publication)

**EP 0250284 A1 19871223**; **EP 0250284 B1 19900404**; BR 8702675 A 19880223; DE 3762161 D1 19900510; FR 2599121 A1 19871127; FR 2599121 B1 19880916; JP H0668922 B2 19940831; JP S62285302 A 19871211; SU 1542425 A3 19900207; US 4772988 A 19880920

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