

Title (en)

REFLECTOR FOR MOTOR VEHICLE HEADLAMPS WITH A MODIFIED MAIN BEAM

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Application

EP 87109641 A 19870704

Priority

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- FR 8616319 A 19861124
- FR 8618141 A 19861224

Abstract (en)

[origin: US4794504A] This invention relates to a reflector for an automobile headlight comprising a reflecting quadric having substantially the surface of a paraboloid of revolution intersected by upper and lower truncation planes, an electric lamp filament being situated substantially at the focus of said quadric to provide full beam lighting by reflection on said quadric of the luminous beams emitted by said filament and traversed by an optical glass situated in front of said quadric. The reflector according to this invention is characterized by the fact that at least the lower truncation plane of the reflector is equipped, on its internal surface illuminated by the full beam filament of the electric lamp, with a plurality of reflecting spherical elements spaced in a concentric arrangement comparable with Fresnel echelons with respect to their common axis passing through the focus of the useful reflecting conic of the reflector, this focus being also their common center.

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