

Title (en)

DIPPED AND MAIN BEAM HEADLAMP WITH TWO TRANSVERSE FILAMENTS FOR A MOTOR VEHICLE

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Application

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Priority

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Abstract (en)

[origin: US4794493A] The invention provides a motor vehicle main beam and dipped beam headlight of the type comprising: a lamp provided with a transverse horizontal dipped beam filament (10a) and a transverse horizontal main beam filament (10b), said filaments being offset relative to each other in two directions perpendicular to the axis of the headlight; a reflector (20) whose axis (Ox) passes between the two filaments; and a closure glass (30) including members for deflecting the dipped beam and the main beam sideways; the headlight being arranged so that the dipped beam is situated beneath a cutoff (Hh) whose orientation is generally horizontal. According to the invention the surface of the reflector is a surface without discontinuity forming shallow images of the dipped beam filament and of the main beam filament, with all of the points in the images of the dipped beam filament additionally being situated beneath said horizontal cutoff (Hh). The invention is applicable to making main beam and dipped beam headlights that satisfy the requirements of the regulations in force in the United States of America.

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