

Title (en)
Motor vehicle headlight.

Title (de)
Abblendlicht-Scheinwerfer.

Title (fr)
Projecteur pour véhicule automobile.

Publication
EP 0307657 B1 19941123 (DE)

Application
EP 88113557 A 19880820

Priority
DE 3731232 A 19870917

Abstract (en)
[origin: JPH0197301A] PURPOSE: To prevent a dazzling action at the edge and the stepped part of a reflector segment, by constituting the reflector with a plurality of segments each having a different geometric shape so that the transition parts of geometric shape of the segments have a common tangent. CONSTITUTION: A focal chain of two upper segments 6, 9 is near a reflector top part, within a range behind a coil, and a focal chain of two lower segments 12, 15 is on an incandescent coil 18 end part farther from a top part thereof. The downward displacement of a coil image generated when a focal distance moves continuously from the rear end to the front end, and vice versa, is achieved by appropriate reflector geometry. Therefore, arranging all the coil images below a light and shade boundary line can be also achieved. The different geometry of the segments continuously forms a total reflecting mirror without any steps between the segments. The transition parts of geometric shapes of the segments are constituted to have a common tangent, so that manufacture is facilitated, and a dazzling action is not generated at the edges or stepped parts of the segments.

IPC 1-7
F21M 3/08

IPC 8 full level
F21S 8/10 (2006.01); **F21V 7/00** (2006.01); **F21V 7/09** (2006.01)

CPC (source: EP US)
F21S 41/335 (2017.12 - EP US); **F21S 41/164** (2017.12 - EP US)

Cited by
FR2694798A1; US5408363A; GB2253043B; GB2253043A; GB2294536A; EP0709619A1; GB2294536B; EP0519112B1

Designated contracting state (EPC)
DE FR GB IT

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