

Title (en)

AN OPTICAL AXIS ADJUSTING APPARATUS OF A PROJECTOR TYPE AN OPTICAL AXIS ADJUSTING APPARATUS OF A PROJECTOR TYPE  
HEADLIGHT HEADLIGHT

Publication

**EP 0275095 A3 19891102 (EN)**

Application

**EP 88100403 A 19880113**

Priority

- JP 289587 U 19870114
- JP 2290887 U 19870220

Abstract (en)

[origin: EP0275095A2] An optical axis adjusting apparatus of a projector type headlight (10) including a bracket (34, 36) for supporting a frame (22) integrally fixed with the lamp unit composed of a reflector (12), a light source (16), a shade (18) for shaping the light reflected by the reflector (12) and condensed at a predetermined region suitably, and a convex lens (20) for forwardly projecting the shaped light. The bracket's position is adjustable with respect to the lamp housing, and the bracket supports the frame rotatably around the horizontal and vertical axes perpendicular with respect to the reflector's axis (Z-Z). The rotation around the horizontal axis (X-X) is effected by an adjusting screw rod (63) which is screwed to a nut (66) fixed at a portion of the frame and rotatable without moving in the reflector's axis direction, and on the other hand the rotation around the vertical axis (Y-Y) is effected by another adjusting screw rod (61) which is screwed to a nut (64) fixed at a portion of the bracket and rotatable without moving in the reflector's axis direction with respect to the housing. By this, the direction of the optical axis of the lamp unit is easily adjusted and the adjusted position thereof is held surely.

IPC 1-7

**F21M 3/18**

IPC 8 full level

**F21S 8/12** (2006.01); **F21V 17/00** (2006.01)

CPC (source: EP)

**F21S 41/162** (2017.12); **F21S 41/25** (2017.12); **F21S 41/255** (2017.12); **F21S 41/28** (2017.12); **F21S 41/295** (2017.12); **F21S 41/321** (2017.12); **F21S 41/40** (2017.12); **F21S 41/43** (2017.12); **F21S 41/55** (2017.12); **F21S 41/657** (2017.12)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0275095 A2 19880720**; **EP 0275095 A3 19891102**; **EP 0275095 B1 19931006**; DE 275095 T1 19881215; DE 3884631 D1 19931111; DE 3884631 T2 19940127

DOCDB simple family (application)

**EP 88100403 A 19880113**; DE 3884631 T 19880113; DE 88100403 T 19880113