

Title (en)
Lighting fixture.

Title (de)
Leuchte.

Title (fr)
Dispositif d'éclairage.

Publication
EP 0396504 B1 19941207 (DE)

Application
EP 90810324 A 19900425

Priority
DE 8905535 U 19890502

Abstract (en)
[origin: US5032966A] The halogen bulb holder (3) of the light is held by a support that consists of two U-shaped profile parts (6, 7) at a distance behind the reflector (1) that can be selected by moving the second U-shaped profile part (7). The reflector (1) incorporates an opening (2), through which the halogen bulb (4) extends into the reflector space (20). The cross-section of the opening (2) is a multiple of the cross-section of the halogen bulb, so that a broad annular gap (21) for air circulation is left unobstructed between the halogen bulb (4) and the opening edge (9) of the reflector (1). The support (6, 7) is completely open to the rear and in addition on two opposing sides so as to form an air circulation space (22). The halogen bulb holder (3) is freely supported by the support (6, 7) in the air circulation space (22) that is adjacent to the annular gap (21), so that the air that flows through the annular gap (21) passes around the holder (3) and the base (foot) of the halogen bulb is cooled thereby. This increases the service life of the halogen lights to a considerable extent.

IPC 1-7
F21V 29/00; **F21V 19/02**

IPC 8 full level
F21V 17/10 (2006.01); **F21V 19/00** (2006.01); **F21V 19/02** (2006.01); **F21V 29/00** (2015.01); **F21V 29/83** (2015.01)

CPC (source: EP US)
F21V 17/104 (2013.01 - EP US); **F21V 19/0005** (2013.01 - EP US); **F21V 19/02** (2013.01 - EP US); **F21V 29/83** (2015.01 - EP US)

Cited by
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Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
US 5032966 A 19910716; AT E115258 T1 19941215; CA 2015878 A1 19901102; DE 59007905 D1 19950119; DE 8905535 U1 19890629; DE 9007795 U1 19960523; DK 0396504 T3 19950424; EP 0396504 A1 19901107; EP 0396504 B1 19941207; ES 2065513 T3 19950216; GR 3015325 T3 19950630; JP H03149702 A 19910626

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