

Title (en)

DEVICE FOR ATTACHING A LIGHT COVER TO ITS ENCLOSURE

Publication

EP 0271770 A3 19891220 (DE)

Application

EP 87117803 A 19871202

Priority

- DE 3730322 A 19870910
- DE 8633558 U 19861216

Abstract (en)

[origin: EP0271770A2] 1. Device for holding a luminaire closure on a luminaire housing 2.1 The aim is to use simple means to achieve an effective chassis earth connection, which is easy to carry out, between a luminaire housing coated on all sides with paint, and a metallic luminaire closure that can be lowered or removed via holding devices. 2.2 Each holding device has a resilient bare wire bow (4), which is arranged on the luminaire closure (2) and engages through a segment (1a) of the luminaire housing (1). The segment (1a) cooperating with the wire bow (4) is bounded at least in some parts by means of an electrically conductive earth clip (5'), which can be fitted onto the sheet metal of the luminaire housing (1) in a self-retaining fashion so as to penetrate with sharp claws through an existing insulating layer of paint until it establishes the chassis earth connection. The wire bow (4) is guided in the segment (1a) with its limbs (4b) in a height-adjustable fashion, and bears against the earth clip (5') in a biased fashion while maintaining chassis contact. The wire bow (4) is held via a bearing element (3) which is fitted in a self-retaining fashion onto the edge (2a') of the luminaire closure (2) and locked there. The bearing element (3) likewise has sharp claws which produce the chassis contact with the luminaire closure (2), and a spring tongue which cooperates elastically with a linear crest zone of the wire bow (4) serving as the bearing axis. 2.3 The holding device is especially suitable for indoor-type luminaires having fluorescent lamps and a repainted luminaire housing, in order, in addition to the mechanical holding, to transfer the earth contact from the housing to the metallic luminaire closure. The necessary electrical shock protection between the parts is thereby guaranteed. <IMAGE>

IPC 1-7

F21V 17/00

IPC 8 full level

F21V 17/00 (2006.01); **F21V 17/16** (2006.01)

CPC (source: EP)

F21V 17/164 (2013.01); **F21V 23/00** (2013.01)

Citation (search report)

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