

Title (en)

Means for fixing a pull-down cover in a lighting fixture.

Title (de)

Halterung einer absenkbaren Leuchtenabdeckung.

Title (fr)

Fixation de couvercle rabattable pour armature lumineuse.

Publication

**EP 0116909 A1 19840829 (DE)**

Application

**EP 84101340 A 19840209**

Priority

- DE 3305290 A 19830216
- DE 3317274 A 19830511
- DE 3334803 A 19830926

Abstract (en)

1. A holder for a pull-down cover of a lighting fixture (3) in a lighting housing (1) comprising supporting springs (4), each of which - is connected to the cover (3) at the edge region thereof, - has an M-shaped upper part with outer supporting arms (41, 41.2) and a V-shaped connecting piece (42) between them and a projection (43) with a supporting flank (432) between each supporting arm and the connecting piece (42), where the two supporting flanks respectively form acute angles (alpha) with the light outlet plane, the points of the angles (alpha) directed towards the connecting piece (42), comprising a guide slot in the housing of the lighting fixture for each supporting spring, which possesses opposing supporting edges (211), on which the two supporting flanks (432) of each supporting spring (4) are supported when the cover is within the lighting housing, comprising a locking device in the lighting housing, by means of which each supporting spring (4) is held when the cover (3) is lowered, characterised in that the cover (3) is connected to the lighting housing (1) on two mutually opposite sides by means of at least two supporting springs (4), that each supporting spring - is formed from wire, - possesses angled bearing brackets (411, 411.2), on which the cover (3, 3.2) is pivotably mounted, at the free ends of its supporting arms (41, 41.2), that a guide space (23, 23.1) adjoins the guide slot (231, 231.1) and extends into the lighting housing, that the guide space (23, 23.1) is defined - by two parallel mutually oppositely arranged lateral walls (21, 21.1), whose spacing b is smaller than the spacing B between the projections (43) of the supporting spring when the cover is inserted, - by a cover wall (20, 20.1) which extends between the lateral walls (21, 21.1), - and by a guide wall (11, 22.1) which extends parallel to the cover wall (20, 20.1) and is spaced therefrom at a distance which is somewhat greater than the thickness of the supporting spring, and that at least one hook (201, 201.1) projecting into the guide space serves as a locking device.

Abstract (de)

Mitunter ist es aus konstruktiven Gründen nicht möglich, die Leuchtenabdeckung (z.B. das Raster) direkt aus dem Gehäuse herauszuschwenken. In diesen Fällen wird die Abdeckung zunächst senkrecht nach unten gezogen, wobei sie dann durch Federn an dem Gehäuse gehalten ist. Die Erfindung hat eine solche Halterung zum Gegenstand, die ein Herausziehen der Abdeckung (3) sowie ein anschließendes Abschwenken und auch ein vollständiges Lösen ermöglicht, bei der stets eine einwandfreie Masseverbindung zwischen Abdeckung und Gehäuse gewährleistet ist. Hierzu dient eine im Leuchtengehäuse (1) geführte, etwa M-förmige Tragfeder (4), die über abgewinkelte Lagerarme (411) mit dem Randbereich der Abdeckung (3) gekuppelt ist.

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)

Citation (search report)

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