

Title (en)

Electrical device with a casing for an electrical device with a holding and clamping device

Title (de)

Elektrogerät mit einem Elektrogehäuse mit einer Halte- und Spannvorrichtung

Title (fr)

Appareil électrique doté d'un boîtier électrique avec un dispositif de support et de serrage

Publication

**EP 2637486 A1 20130911 (DE)**

Application

**EP 13158430 A 20130308**

Priority

DE 102012101995 A 20120309

Abstract (en)

The electrical housing (3) has a holding and clamping apparatus (15) that is installed in concealed manner as trough-like light back shell (9) and a clamping element (17) with a clamping jaw (19,21,23) and a drive plate (41). The drive plate is attached over a screw head. A central screw (55) is rotationally moved in an end region of clamping jaw (25',25"). The central screw is fixed over a pivotal connection (43) at the drive plate, such that the rotational movement of central screw is radially guided on a mandrel (69) according to tensioning movement (67) of clamping jaw. Independent claims are included for the following: (1) a recessed luminaire; and (2) a method for installing recessed luminaire.

Abstract (de)

Die vorliegende Erfindung betrifft ein Elektrogehäuse, das als Teil einer Einbauleuchte eine vorteilhafte Befestigungstechnik anbietet, sodass einhändig durch geringe Drehbewegung ein Festsetzen des Elektrogehäuses, insbesondere als Unterputzgehäuse, herbeiführbar ist.

IPC 8 full level

**F21S 8/02** (2006.01); **F21V 21/04** (2006.01); **H02G 3/12** (2006.01); **H05K 7/12** (2006.01)

CPC (source: EP)

**F21S 8/02** (2013.01); **F21V 21/04** (2013.01); **F21V 21/047** (2013.01)

Citation (applicant)

- US 5401132 A 19950328 - AKEMA TSUYOSHI [JP]
- GB 903723 A 19620815 - CHAMBERLAIN & HOOKHAM LTD
- US 5609414 A 19970311 - CALUORI GIUSEPPE [CA]
- EP 0870982 A2 19981014 - ERCO LEUCHTEN [DE]
- DE 821811 C 19511122 - ROBERT BERKER
- DE 1171044 B 19640527 - MERTEN GEB
- EP 1936257 A1 20080625 - BEGA GANTENBRINK LEUCHTEN KG [DE]
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- DE 102009016778 A1 20110407 - ABB AG [DE]
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Citation (search report)

- [A] EP 1936257 A1 20080625 - BEGA GANTENBRINK LEUCHTEN KG [DE]
- [A] US 5609414 A 19970311 - CALUORI GIUSEPPE [CA]
- [AD] DE 821811 C 19511122 - ROBERT BERKER
- [A] EP 2315327 A2 20110427 - ABB AG [DE]
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JP2017026144A; FR3061998A1; CN114234092A; CN105972518A; ITUB20156290A1; EP3101336A1; CN106247121A; KR20180083838A; US9964837B2; US11739921B2; EP3754250A1; TWI645131B

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BA ME

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