

Title (en)

One quarter turn fixation device for a terminal cover of an electrical apparatus.

Title (de)

Eine Viertelumdrehungsfixiervorrichtung eines Anschlussdeckels eines elektrischen Gerätes.

Title (fr)

Dipositif de fixation à quart de tour d'un cache-bornes d'un appareil électrique.

Publication

EP 0135439 A1 19850327 (FR)

Application

EP 84401755 A 19840904

Priority

FR 8314738 A 19830914

Abstract (en)

1. Device of fast fixing for a terminal cover (10) of a casing of an electric apparatus, comprising a fixing screw (12) mounted in rotation by turn fraction on the terminal cover and carrying an operation head (16) at one of its ends and at the opposite end a block (20) likely to fit into fixing position in an interlock conjugated housing (13) arranged in said casing, said head (16) carrying radially on one of the sides in operation lever (22) mounted in tipping on said screw head to occupy a lowered locked position of the lever or a raised position to permit a limited rotation of the lever and of the associated screw in order to set free the block (20) out of its housing and to disconnect the terminal cover (10) from the casing, characterized in that the screw (12), the block (20) and the lever (22) are made by a part moulded in plastic, the lever (22) being fastened to the screw head (16) by a slim part forming a tipping hinge (28), and that a groove (24) for housing said lever (22) is arranged in said terminal cover (10) to receive in insertion with small clearance the lever (22) and to lock the lever and the screw (12) in fixing position.

Abstract (fr)

Une vis quart de tour de fixation d'un cache-bornes sur le boîtier d'un appareil électrique porte un levier (22) de manoeuvre susceptible de se replier dans une rainure (24) en position de fixation du cache-bornes. Le levier (22) peut être retiré de la rainure pour effectuer une rotation de la vis 12 d'un quart de tour et le démontage du cache-bornes.

IPC 1-7

H01R 13/447

IPC 8 full level

H01R 13/447 (2006.01)

CPC (source: EP)

H01R 13/447 (2013.01)

Citation (search report)

- [A] DE 2653440 A1 19780601 - ETTINGER ERICH
- [A] DE 1690430 A1 19710603 - VEDDER GMBH GEB
- [A] DE 1062304 B 19590730 - WESTFAELISCHE METALL INDUSTRIE

Cited by

DE9013158U1; US9842712B2

Designated contracting state (EPC)

BE CH DE GB IT LI NL SE

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EP 0135439 A1 19850327; EP 0135439 B1 19871223; DE 3468295 D1 19880204; ES 290317 U 19860316; ES 290317 Y 19861016; FR 2551924 A1 19850315; FR 2551924 B1 19851011; PT 79188 A 19841001; PT 79188 B 19860717; ZA 847162 B 19850424

DOCDB simple family (application)

EP 84401755 A 19840904; DE 3468295 T 19840904; ES 290317 U 19840911; FR 8314738 A 19830914; PT 7918884 A 19840911; ZA 847162 A 19840912