

Title (en)

Fixing device of accessories to the front face of a one-piece contactor.

Title (de)

Befestigungsvorrichtung von Zubehör an der Vorderseite eines einstückigen Schalters.

Title (fr)

Dispositif de fixation d'accessoires sur la face avant d'un contacteur monobloc.

Publication

EP 0045683 A1 19820210 (FR)

Application

EP 81401191 A 19810724

Priority

FR 8017067 A 19800801

Abstract (en)

1. Device of the type with tenon and slide and locking hook for the simultaneous fixing of the fixed and mobile parts of an accessory occupying a reduced space as regards width, in particular an auxiliary mono-modular contact on the parts, respectively fixed and mobile, of a mono-block contactor, able to receive a plurality of individually detachable accessories, characterized in that it comprises : - a single tenon (2) in the form of a T arranged on the face (1) of the contactor at the site of fixing the accessory (5), cooperating during the course of a movement of the accessory in its mean plane, with a single slide (8) situated at the base of the face (7) of the accessory directed towards the contactor ; - a hook (6) arranged on the upper part of the face (7) of the accessory directed towards the contactor and cooperating during the same movement with an edge (15) of a cavity (13) situated on the contactor ; - a locking catch (17) situated on the accessory, able to penetrate into a rectangular hole (18) of the face (1) of the contactor under the action of an elastic part (19), provided with an arm (20) and able to be freed from the said hole (18) by a manual traction on the arm (20) against the action of the elastic part (19) ; - and a tenon (4) in the form of a T, situated on the movable runner (3) of the contactor and cooperating, during the same movement of the accessory in its mean plane, with a slide (9a) situated on the movable runner (9) bearing the contacts of the accessory.

Abstract (fr)

Dispositif de fixation d'accessoire d'encombrement réduit en largeur, notamment de contact auxiliaire mono-modulaire, sur un contacteur monobloc. Il comporte : - un seul tenon en forme de T (2) disposé sur la face (1) du contacteur à l'emplacement de fixation de l'accessoire, coopérant avec une seule glissière (8) située à la base de l'accessoire sur la face (7) dirigée vers le contacteur. - un crochet (6) disposé à la partie supérieure de l'accessoire, sur sa face (7) tournée vers le contacteur, coopérant avec un rebord (15) d'un alvéole (13) situé dans le contacteur, et - un cliquet (17) situé sur l'accessoire (5) pouvant pénétrer dans un trou rectangulaire (18) de la face (1) du contacteur pour verrouiller l'accessoire en position accrochée en empêchant un déplacement vertical de l'accessoire par rapport au contacteur.

IPC 1-7

H01H 9/00

IPC 8 full level

H01H 9/00 (2006.01); **H01H 50/54** (2006.01)

CPC (source: EP)

H01H 50/545 (2013.01)

Citation (search report)

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