

Title (en)

Electric apparatus with movable contacts mounted on a contact support

Title (de)

Elektrisches Gerät mit auf einen Kontaktträger montierte beweglicher Kontakte

Title (fr)

Appareil électrique à contact(s) mobile(s) monté(s) rotatif(s) sur un support de contact(s)

Publication

EP 0773566 A1 19970514 (FR)

Application

EP 96402342 A 19961105

Priority

FR 9513192 A 19951108

Abstract (en)

The switch block includes the moving contact (13A) which is formed with two elbows making two sections (36,38) by which it rotates around the cross-piece (25A). The second elbow (39) is in the opposite direction to the first (37) and the first is more open than the second while both form angles (A,B) slightly less than 90 degrees . The moving contact pivots lie between two flat side pieces (26) of the support (12) which are connected by the cross-piece. The abutment (29) is cut into at least one of the side pieces and forms a hook preceded by an oblique slope (30). The abutment holds the middle part (34) of the moving contact against the spring (28) when the switch is open.

Abstract (fr)

Il s'agit d'un appareil électrique comportant un support de contact(s) (12) sur lequel est monté rotatif au moins un contact mobile (13A, 13B), avec, associés à ce contact mobile (13A, 13B), des moyens élastiques qui le sollicitent en permanence en direction d'une butée (29) prévue pour lui sur le support de contact(s) (12). Suivant l'invention, cette butée (29) est, à la manière d'un crochet, précédée par une rampe oblique (30), ce qui permet un montage rapide et aisé du contact mobile (13A, 13B) sur le support de contact(s) (12). Application, notamment, aux interrupteurs différentiels.
<IMAGE>

IPC 1-7

H01H 1/22

IPC 8 full level

H01H 1/22 (2006.01)

CPC (source: EP)

H01H 1/225 (2013.01)

Citation (applicant)

FR 2686453 A1 19930723 - LEGRAND SA [FR]

Citation (search report)

- [AD] FR 2686453 A1 19930723 - LEGRAND SA [FR]
- [A] US 2788421 A 19570409 - JONES CHARLES L
- [A] FR 1524261 A 19680510 - FR LANDIS & GYR SOC

Cited by

EP2061050A1; EP2743947A1; FR2999793A1; CN101477923A; EA015578B1; FR2923940A1

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