

Title (en)

Low voltage multi-pole circuit breaker provided with a device for setting the bar.

Title (de)

Mehrpoliger Niederspannungsschalter mit einer Einstellvorrichtung für die Welle.

Title (fr)

Disjoncteur multipolaire basse tension équipé d'un dispositif de positionnement du barreau.

Publication

EP 0008990 A1 19800319 (FR)

Application

EP 79400626 A 19790907

Priority

FR 7826382 A 19780912

Abstract (en)

1. Low voltage multipole circuits breaker with a molded case and an operating toggle mechanism (10) comprising : - an operating handle (14) manually movable between closed F and open O positions, - a trip cradle (28) cooperating with the trip unit for automatically opening the contacts (56, 58) when a fault current appears, - a common support bar (12) of the movable contact arms (54) of all poles, rotatably mounted on an axis (52) during a predetermined angular course corresponding to the movement of handle (14), - and a setting device (66) for compensating manufacturing tolerances of mechanism elements, characterized by the fact that said setting device (66) comprises a bar (12) support member (68, 70) and at least an assembling screw (76) of said member to a fixed part (16, 88) of the circuit breaker so that screwing or unscrewing of screw (76) provokes bringing nearer or away of said member (68, 70) with respect to said fixed part (16, 88) and a limited bidirectionnel movement of the bar (12) to an optimum set position.

Abstract (fr)

Dispositif de réglage (66) associé à un mécanisme d'actionnement (10) à genouillère (18) pour la compensation des tolérances de fabrication des organes du mécanisme. Le dispositif (66) comporte deux paliers (68, 70) de positionnement du barreau (12) coopérant avec des vis d'assemblage (76) dont le vissage ou dévissage provoque le déplacement limité de l'axe de rotation (52) du barreau (12) jusqu'à une position de réglage optimum. Application : disjoncteurs multipolaires basse tension.

IPC 1-7

H01H 1/34; **H01H 69/00**

IPC 8 full level

H01H 1/34 (2006.01); **H01H 69/00** (2006.01)

CPC (source: EP)

H01H 1/34 (2013.01); **H01H 69/00** (2013.01)

Citation (search report)

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Cited by

EP0616351A1; TR27419A; FR2633772A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0008990 A1 19800319; **EP 0008990 B1 19820630**; DE 2963246 D1 19820819; FR 2436492 A1 19800411; FR 2436492 B1 19810213; SG 61085 G 19880520; YU 219079 A 19820630; YU 41176 B 19861231

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