

Title (en)

CIRCUIT-BREAKER AND CORRESPONDING METHOD FOR ADJUSTING THE SAME

Title (de)

SCHUTZSCHALTVORRICHTUNG UND ENTSPRECHENDES VERFAHREN ZU DEREN JUSTIERUNG

Title (fr)

DISPOSITIF COMMUTATEUR DE PROTECTION ET PROCEDE ASSOCIE POUR SON REGLAGE

Publication

EP 1745496 A1 20070124 (DE)

Application

EP 05752706 A 20050512

Priority

- EP 2005052175 W 20050512
- DE 102004024101 A 20040514

Abstract (en)

[origin: WO2005112064A1] The aim of the invention is to adjust the distance between the plunger (5) and the tripping section (34) of a tripping arm in an improved manner in a residual-current circuit-breaker. To achieve this, the angular position of a tripping lever (32) of the tripping arm (3) can be modified about a common axis in relation to a half-shaft (7), which meshes with a force accumulator (1). Said angle is preferably modified by means of a ratchet mechanism (33, 37). This permits a precise adjustment without the need for special tools.

IPC 8 full level

H01H 71/74 (2006.01)

CPC (source: EP)

H01H 71/7463 (2013.01); **H01H 2071/7481** (2013.01)

Citation (search report)

See references of WO 2005112064A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

WO 2005112064 A1 20051124; BR PI0511123 A 20071127; CN 1954400 A 20070425; CN 1954400 B 20100526; DE 102004024101 A1 20051208; DE 102004024101 B4 20060817; DE 502005001902 D1 20071220; EP 1745496 A1 20070124; EP 1745496 B1 20071107; RU 2006144444 A 20080620; RU 2366027 C2 20090827

DOCDB simple family (application)

EP 2005052175 W 20050512; BR PI0511123 A 20050512; CN 200580015487 A 20050512; DE 102004024101 A 20040514; DE 502005001902 T 20050512; EP 05752706 A 20050512; RU 2006144444 A 20050512