

Title (en)
CIRCUIT BREAKER FOR LOW-VOLTAGE CURRENTS

Title (de)
NIEDERSpannungsschutzschalter

Title (fr)
DISJONCTEUR DE CIRCUIT POUR COURANTS BASSE TENSION

Publication
EP 1412956 B1 20070919 (EN)

Application
EP 02794733 A 20020723

Priority
• EP 0208214 W 20020723
• IT MI20011573 A 20010723

Abstract (en)
[origin: WO03017302A1] A circuit breaker for low-voltage currents, comprising an enclosure that contains moving contact means and fixed contact means, the moving contact means comprising at least one moving contact, the fixed contact means comprising at least one fixed contact, a kinematic chain that comprises a plurality of levers that move the moving contact between an open position, in which the contacts are separated, and a closed position, in which they are coupled, and a mechanism that ensures a substantially constant force between the contacts in the closed position, its particularity consisting of the fact that the mechanism comprises a single body that has a first rigid element, which is associated with at least one of the fixed and moving contacts, and a second rigid element, which is arranged adjacent to the first rigid element and is connected thereto by virtue of a flexible hinge constituted by a first elastic and resilient element.

IPC 8 full level
H01H 1/24 (2006.01)

CPC (source: EP US)
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