

Title (en)

Circuit breaker with optimised housing stabilisation, in particular at high switching capacities

Title (de)

Leistungsschalter mit optimierter Gehäusestabilisierung, insbesondere bei hohen Schaltleistungen

Title (fr)

Commutateur de puissance doté d'une stabilisation de boîtier optimisée, notamment à puissances de commutation élevées

Publication

EP 2573786 B1 20160803 (DE)

Application

EP 11182090 A 20110921

Priority

EP 11182090 A 20110921

Abstract (en)

[origin: EP2573786A1] The power switch has a switching device region equipped with a quenching chamber device and a contact slide device provided with the movable contact portions. The movable contact portions are positioned opposite to fixed contact portion. Another switching device region has a trigger assembly comprising a short-circuit release portion and an overload release portion. The fixed contact portions are plugged at the housing and stabilized by a tripping case stabilizing element (1) made of plastic such as polyamide 66 (PA66).

IPC 8 full level

H01H 71/02 (2006.01)

CPC (source: EP)

H01H 71/0207 (2013.01); **H01H 71/0257** (2013.01); **H01H 71/0235** (2013.01); **H01H 2071/0242** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2573786 A1 20130327; EP 2573786 B1 20160803

DOCDB simple family (application)

EP 11182090 A 20110921