

Title (en)

AN AUTOMATIC MAGNETO-THERMAL PROTECTION SWITCH HAVING A HIGH BREAKING CAPACITY

Publication

EP 0399282 A3 19920122 (EN)

Application

EP 90108624 A 19900508

Priority

IT 2064289 A 19890525

Abstract (en)

[origin: EP0399282A2] An automatic, high breaking capacity magneto-thermal protection switch or breaker of a type comprising a control key (3), a toggle mechanism (16) associated with the key, at least one moving contact (19) driven by the mechanism to rock toward and away from a fixed contact (18) facing a de-ionization chamber (30) and respective cell (29), and an amperometric protection coil (9) having a moving armature (12) arranged to act on said mechanism, further comprises a rocking striker (32) having one end (33) inserted in the path of movement of a breaker arm-like lug (35) on said armature and the opposite end arranged to act on said moving contact (19) in abutment relationship to speed up the contact opening movement by the time of automatic operation.

IPC 1-7

H01H 73/04

IPC 8 full level

H01H 71/00 (2006.01); **H01H 71/04** (2006.01); **H01H 71/24** (2006.01); **H01H 73/04** (2006.01)

CPC (source: EP)

H01H 71/002 (2013.01); **H01H 71/04** (2013.01); **H01H 71/2409** (2013.01); **H01H 1/2041** (2013.01); **H01H 71/2472** (2013.01)

Citation (search report)

- [X] DE 2132738 B1 19720706 - ELLENBERGER & POENSGEN
- [A] DE 8109136 U1 19810910
- [A] GB 2040573 A 19800828 - WOLFF H W

Cited by

JP2015215945A; DE19819792A1; EP1085552A1; EP1079408A3; EP0889498A3; DE102010019353B3; WO2007088080A1

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