

Title (en)

An automatic magneto-thermal protection switch having a high breaking capacity.

Title (de)

Automatischer magneto-thermischer Schutzschalter mit hoher Ausschaltleistung.

Title (fr)

Disjoncteur magnéto-thermique automatique ayant une capacité de coupure haute.

Publication

**EP 0399282 B1 19950830 (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

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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)

Cited by

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

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