

Title (en)

Electromagnetic trip and electronic circuit breaker containing it

Title (de)

Elektromagnetische Auslöser und elektronischer Schutzschalter, die es enthält.

Title (fr)

Déclencheur électromagnétique et appareil de coupure électronique le comportant

Publication

EP 1632970 B1 20170510 (FR)

Application

EP 05354025 A 20050609

Priority

FR 0409304 A 20040902

Abstract (en)

[origin: EP1632970A2] The device has a resetting top cap (15) of a vane, and a resetting blade (10) fixed on the vane. The blade includes an articulation pivot (25) to articulate the vane with respect to an armature (A). The blade has a hook shaped part (30) to allow the fixing of a spring (9) for ensuring the return of the vane away from polar surfaces (7, 8) of the armature against the action of a permanent magnet. Independent claims are also included for the following: (A) a switching equipment (B) a differential switch.

IPC 8 full level

H01H 3/60 (2006.01); **H01H 50/30** (2006.01); **H01H 71/32** (2006.01)

CPC (source: EP)

H01H 71/323 (2013.01); **H01H 3/60** (2013.01); **H01H 50/30** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1632970 A2 20060308; EP 1632970 A3 20090218; EP 1632970 B1 20170510; AR 050555 A1 20061101; AU 2005205771 A1 20060316; AU 2005205771 B2 20091008; BR PI0503707 A 20060411; BR PI0503707 B1 20230124; CN 1747097 A 20060315; CN 1747097 B 20120425; EA 008953 B1 20071026; EA 200501234 A1 20060428; ES 2636538 T3 20171006; FR 2874740 A1 20060303; FR 2874740 B1 20061020; NO 20053926 D0 20050823; NO 20053926 L 20060303; NO 329292 B1 20100927

DOCDB simple family (application)

EP 05354025 A 20050609; AR P050103674 A 20050901; AU 2005205771 A 20050901; BR PI0503707 A 20050830; CN 200510097675 A 20050831; EA 200501234 A 20050901; ES 05354025 T 20050609; FR 0409304 A 20040902; NO 20053926 A 20050823