

Title (en)

Improved magnetic sub-unit and circuit breaker comprising this sub-unit

Title (de)

Verbesserte magnetische Untereinheit und Schutzschalter der diese Untereinheit beinhaltet

Title (fr)

Sous-ensemble magnétique amélioré et disjoncteur comportant un tel sous-ensemble magnétique

Publication

EP 1501112 B1 20060809 (FR)

Application

EP 04360055 A 20040528

Priority

FR 0308949 A 20030722

Abstract (en)

[origin: EP1501112A1] The sub-assembly has an induction coil (2), a movable magnetic core (3), and a striker (6) that moves with the movable magnetic core. Spring plates are solicited by the movement of the striker. The movable core is housed in a movable support (13) that is driven by the movable core and integrated to the striker. The spring plates are positioned between the support and a magnetic yoke (1). An independent claim is also included for an electrical circuit breaker comprising a magnetic sub-assembly.

IPC 8 full level

H01H 71/24 (2006.01); **H01H 71/32** (2006.01)

CPC (source: EP)

H01H 71/2463 (2013.01); **H01H 71/322** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1501112 A1 20050126; EP 1501112 B1 20060809; AT E336076 T1 20060915; BR PI0402801 A 20050524; CN 1320580 C 20070606; CN 1577687 A 20050209; DE 602004001817 D1 20060921; DE 602004001817 T2 20070816; ES 2271824 T3 20070416; FR 2858106 A1 20050128; FR 2858106 B1 20050923; SI 1501112 T1 20070228

DOCDB simple family (application)

EP 04360055 A 20040528; AT 04360055 T 20040528; BR PI0402801 A 20040720; CN 200410068490 A 20040722; DE 602004001817 T 20040528; ES 04360055 T 20040528; FR 0308949 A 20030722; SI 200430099 T 20040528