

Title (en)
Enclosed magnetothermal electric circuit breaker

Title (de)
Gekapselter thermomagnetischer Schutzschalter

Title (fr)
Disjoncteur magnétothermique enfermé

Publication
EP 1261008 B1 20080416 (EN)

Application
EP 02011147 A 20020521

Priority
IT MI20011066 A 20010522

Abstract (en)
[origin: EP1261008A1] An enclosed magnetothermal electric circuit breaker, comprising a containment body that contains a plurality of movable electrical contacts, which are in parallel and move synchronously, and of fixed contacts with corresponding arc quenching chambers, a mechanism for actuating the movable electrical contacts, a thermal tripping mechanism and an electrical protection device associated with a magnetic tripping mechanism, and a connection means for the external electrical connections. The actuation mechanism allows the movable electrical contacts to reach a stable position that is extremely close to the fixed contacts and then trip, from that position, onto the fixed contacts, closing the circuit breaker, regardless of the force and speeds applied to the actuation handle. <IMAGE>

IPC 8 full level
H01H 71/52 (2006.01); **H01H 9/36** (2006.01); **H01H 71/24** (2006.01); **H01H 77/10** (2006.01)

CPC (source: EP)
H01H 71/525 (2013.01); **H01H 9/362** (2013.01); **H01H 71/2409** (2013.01); **H01H 77/108** (2013.01); **H01H 2300/048** (2013.01)

Cited by
CN117452210A; EP1677329A3; CN110233090A; CN112305414A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1261008 A1 20021127; **EP 1261008 B1 20080416**; AT E392706 T1 20080515; DE 60226096 D1 20080529; DE 60226096 T2 20081120; ES 2302772 T3 20080801; IT MI20011066 A0 20010522; IT MI20011066 A1 20021122

DOCDB simple family (application)
EP 02011147 A 20020521; AT 02011147 T 20020521; DE 60226096 T 20020521; ES 02011147 T 20020521; IT MI20011066 A 20010522