

Title (en)
CIRCUIT BREAKER

Title (de)
LEISTUNGSSCHALTER

Title (fr)
COUPE-CIRCUIT

Publication
EP 1160818 A4 20030402 (EN)

Application
EP 99961477 A 19991228

Priority
JP 9907405 W 19991228

Abstract (en)
[origin: EP1160818A1] A circuit breaker in which, a stable opening and closing operation can be achieved during the ordinary opening and closing operation or the tipping operation and the isolation function is ensured upon the contact welding. A restriction member 41 is provided for engaging both the handle arm 35 and the cross bar 26 to prevent the movement of the handle 36 into the open position when the stationary contact 22 of the stationary contact member 21 and the movable contact 24 of the movable contact member 23 are welded together and when a handle 36 is moved to the open position. <IMAGE>

IPC 1-7
H01H 71/12; H01H 71/50

IPC 8 full level
H01H 71/50 (2006.01); **H01H 71/52** (2006.01)

CPC (source: EP)
H01H 71/501 (2013.01); **H01H 71/525** (2013.01)

Citation (search report)

- [XA] US 5927484 A 19990727 - MALINGOWSKI RICHARD P [US], et al
- [X] US 5449871 A 19950912 - BATTEUX PIERRE [FR], et al
- [XY] US 5543595 A 19960806 - MADER HANS-JUERGEN DIPL ING [DE], et al
- [Y] US 5304765 A 19940419 - PARKS DAVID A [US], et al
- See references of WO 0148779A1

Cited by
DE102006044119B4; CN114551174A

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

DOCDB simple family (publication)
EP 1160818 A1 20011205; **EP 1160818 A4 20030402**; **EP 1160818 B1 20040721**; AU 1804500 A 20010709; AU 752069 B2 20020905; DE 69918864 D1 20040826; DE 69918864 T2 20050721; JP 3857139 B2 20061213; WO 0148779 A1 20010705

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