

Title (en)

Power cut-off device for low and high-tension

Title (de)

Unterbrechungsvorrichtung für niedrigen und Hochspannungsstrom

Title (fr)

Dispositif de coupure électrique pour basse et haute tension

Publication

EP 0874380 B1 20040331 (FR)

Application

EP 98401006 A 19980424

Priority

FR 9705136 A 19970425

Abstract (en)

[origin: EP0874380A1] The circuit breaker construction has an outer fixed section (10) with two contacts (30,40). there is a central moving contact (50) which can move between a closed position, contacting the fixed contacts and an open position. Alongside each fixed contact there is a magnetic field source (60). The field source elongates the arc formed on switching transversally to the direction of movement of the moving contact.

IPC 1-7

H01H 9/44; H01H 33/18

IPC 8 full level

H01H 9/44 (2006.01); H01H 33/12 (2006.01); H01H 33/18 (2006.01)

CPC (source: EP)

H01H 9/44 (2013.01); H01H 9/443 (2013.01); H01H 33/124 (2013.01); H01H 33/18 (2013.01); H01H 33/182 (2013.01)

Cited by

CN103930962A; EP2608240A1; FR3006101A1; FR2929442A1; CN101552146A; CN104221112A; US9431197B2; US9425003B2; US9040861B2; WO2013068057A1; WO2013153278A1; WO2013153279A1; WO2009118358A1; US9287072B2; US9437376B2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0874380 A1 19981028; **EP 0874380 B1 20040331**; AT E263422 T1 20040415; DE 69822696 D1 20040506; DE 69822696 T2 20050310; ES 2215281 T3 20041001; FR 2762710 A1 19981030; FR 2762710 B1 20030530

DOCDB simple family (application)

EP 98401006 A 19980424; AT 98401006 T 19980424; DE 69822696 T 19980424; ES 98401006 T 19980424; FR 9705136 A 19970425