

Title (en)

Arc extinguishing installation for a circuit breaker with a double break

Title (de)

Lichtbogenlöscheinrichtung für Schutzschalter mit Doppelunterbrechung

Title (fr)

Chambre de soufflage pour un disjoncteur-protecteur possédant une double coupure

Publication

EP 1548773 B1 20080326 (DE)

Application

EP 03405921 A 20031222

Priority

EP 03405921 A 20031222

Abstract (en)

[origin: EP1548773A1] A magnetic casing (91) fits around a pre-chamber so as to amplify magnetic blowing action on an electric arc formed between the pre-chamber's first (51) and second (61) electric arc running rails. Inserted into an arc-quenching circuit, a blowing loop runs parallel to an electric arc running rail in sections. An independent claim is also included for a safety switch with a two-way interrupter switch.

IPC 8 full level

H01H 9/44 (2006.01); **H01H 9/46** (2006.01); **H01H 73/18** (2006.01)

CPC (source: EP US)

H01H 1/2066 (2013.01 - EP US); **H01H 9/44** (2013.01 - EP US); **H01H 9/446** (2013.01 - EP US); **H01H 9/46** (2013.01 - EP US); **H01H 73/18** (2013.01 - EP US)

Cited by

EP2590193A1; US9076606B2

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 PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1548773 A1 20050629; **EP 1548773 B1 20080326**; AT E390700 T1 20080415; DE 50309487 D1 20080508; ES 2302908 T3 20080801; US 2005150870 A1 20050714; US 7081596 B2 20060725

DOCDB simple family (application)

EP 03405921 A 20031222; AT 03405921 T 20031222; DE 50309487 T 20031222; ES 03405921 T 20031222; US 721304 A 20041209