

Title (en)

Stack of arc extinguishing blades for an electrical switch, in particular for an electrical circuit breaker

Title (de)

Lichtbogenlöschblechanordnung für einen elektrischen Schalter, insbesondere einen elektrischen Leitungsschutzschalter

Title (fr)

Paquet de tôles d'extinction d'arc pour un interrupteur, en particulier pour un disjoncteur

Publication

EP 1463075 A3 20060419 (DE)

Application

EP 04004614 A 20040228

Priority

DE 10312820 A 20030322

Abstract (en)

[origin: EP1463075A2] The metal plates (11,12) in the stack (10) are of two different types, arranged parallel to each other. The first type of plate is elongated, with a V-shaped cutout in the end and is held by four insulating plates (14,15,24) at right-angles to the planes of the metal plates. Tags (18-20) on the edges of the plates engage in apertures in the insulating plates. The second type of plate is short and has a V-shaped cutout in the edge near the middle of the long plate. The second type of plates may be thinner than the first type of plates.

IPC 8 full level

H01H 9/36 (2006.01)

CPC (source: EP)

H01H 9/36 (2013.01); **H01H 9/362** (2013.01)

Citation (search report)

- [X] US 3126464 A 19640324
- [X] US 2147419 A 19390214 - BAKER BENJAMIN P
- [X] GB 1107976 A 19680327 - OTTERMILL SWITCHGEAR LTD
- [A] US 1963643 A 19340619 - BRAINARD MAURICE W, et al
- [A] EP 0048171 A1 19820324 - GEC ELLIOTT AUTOMATION LTD [GB]

Cited by

CN102129943A; EP2405453A1; US8809720B2; US9899158B2; EP2915173B1

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 1463075 A2 20040929; EP 1463075 A3 20060419; EP 1463075 B1 20120725; DE 10312820 A1 20040930; DE 10312820 B4 20120419

DOCDB simple family (application)

EP 04004614 A 20040228; DE 10312820 A 20030322