

Title (en)

Electrical switching device having a contact with a spark protection device

Title (de)

Elektrisches Schaltgerät mit einer Schutzfunktvorrichtung für einen Kontakt

Title (fr)

Appareillage électrique de coupure dont un organe de contact est muni d'un pare étincelle

Publication

EP 1065684 B1 20061220 (FR)

Application

EP 00410064 A 20000619

Priority

FR 9908730 A 19990701

Abstract (en)

[origin: EP1065684A1] Electric switch has contact bridge (24) with housing (70) used for supporting two contact blades (56, 58). One blade has lateral zone for arc transfer situated to larger distance relative to median plane than contact zone of blade. Switch also includes spark suppressor (40) linked to fixed blade (20, 22). When contact bridge is in its opened position, shortest distance between spark suppressor and contact bridge is measured between zone for arc transfer and corresponding zone on lateral parts of suppressor, and this distance is smaller than shortest distance between contact bridge and fixed blade.

IPC 8 full level

H01H 9/46 (2006.01); **H01H 1/00** (2006.01); **H01H 9/30** (2006.01)

CPC (source: EP)

H01H 9/46 (2013.01); **H01H 1/2041** (2013.01)

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

DOCDB simple family (publication)

EP 1065684 A1 20010103; **EP 1065684 B1 20061220**; AT E349064 T1 20070115; CZ 20002482 A3 20010214; CZ 300188 B6 20090311; DE 60032414 D1 20070201; DE 60032414 T2 20070927; EA 002857 B1 20021031; EA 200000602 A1 20010226; ES 2277822 T3 20070801; FR 2795858 A1 20010105; FR 2795858 B1 20010914; HU 0002402 D0 20000828; HU 223891 B1 20050329; HU P0002402 A2 20010328; HU P0002402 A3 20020328; PL 200796 B1 20090227; PL 341082 A1 20010102

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