Title (en)

Switch for use in SF6 gas-insulated medium-voltage switchgear

Title (de)

Schalter für den Einsatz in SF6-Mittelspannungsschaltanlagen

Title (fr)

Interrupteur pour des installations de commutation à moyenne tension isolées par SF6

Publication

EP 1026710 A3 20011114 (DE)

Application

EP 00101480 A 20000126

Priority

DE 19904930 A 19990206

Abstract (en)

[origin: EP1026710A2] The switch has a contact blade (1), a fixed contact and an arc-quenching device. The contact blade has a contact surface (8) is formed by a contact head (10) which is considerably thicker than a shaft (7). The contact head includes a tip (11) made of a material that is resistant to high temperatures as it is subjected to heat due to arcing when switching.

IPC 1-7

H01H 1/42

IPC 8 full level

H01H 1/42 (2006.01)

CPC (source: EP)

H01H 1/42 (2013.01)

Citation (search report)

- [YA] US 5013876 A 19910507 - CHABALA LEONARD V [US]
- [YA] FR 2048151 A5 19710319 - MERLIN GERIN
- [A] US 3691335 A 19720912 - CLEAVELAND CHARLES M, et al
- [A] EP 0420609 A2 19910403 - COOPER POWER SYST [US]

Cited by

EP2822013A1; EP2249359A1; CN101882508A; US8723627B2; US8993908B2; EP2565890A1; US8859916B2; WO2019058631A1; WO2019215946A1

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 1026710 A2 20000809; **EP 1026710 A3 20011114**; **EP 1026710 B1 20060412**; AT 323319 T 20060415; DE 19904930 A1 20000831; DE 19904930 C2 20001214; DE 50012546 D1 20060524; ES 2261110 T3 20061116; NO 20000566 D0 20000204; NO 20000566 L 20000807; NO 319046 B1 20050606; PT 1026710 E 20060731

DOCDB simple family (application)

EP 00101480 A 20000126; AT 00101480 T 20000126; DE 19904930 A 19990206; DE 50012546 T 20000126; ES 00101480 T 20000126; NO 20000566 A 20000204; PT 00101480 T 20000126