

Title (en)
Switch

Title (de)
Schalter

Title (fr)
Disjoncteur

Publication
EP 1039578 A3 20010816 (DE)

Application
EP 00100402 A 20000108

Priority
DE 29905589 U 19990326

Abstract (en)
[origin: US6236006B1] A switch device, includes a casing having an inlet opening for introduction of a conductive cable, having at least two conductors and an insulating sheath. The casing has an open end which is closeable by a lid. Received in the interior of the casing are contact members having terminals which point in the direction of the lid, for penetration through the insulating sheath of the cable and contacting the conductors. A pressure pad is secured interiorly on the lid in an area of contact-making between the contact members and the conductors, for exerting a pressure onto the cable, whereby the pressure pad so projects into the interior of the casing as to firmly press the cable onto the contact members via the connected terminals, when the lid is closed.

IPC 1-7
H01R 4/24; **H01H 1/58**

IPC 8 full level
H01H 1/58 (2006.01); **H01H 9/02** (2006.01); **H01R 4/24** (2006.01); **H01R 12/67** (2011.01); **H01H 9/04** (2006.01)

CPC (source: EP US)
H01H 1/585 (2013.01 - EP US); **H01R 4/2406** (2017.12 - EP US); **H01R 4/2412** (2013.01 - EP US); **H01R 4/2433** (2013.01 - EP US); **H01R 12/67** (2013.01 - EP US); **H01H 9/04** (2013.01 - EP US)

Citation (search report)

- [XY] US 4612423 A 19860916 - MUNROE RONALD G [US]
- [X] US 5501611 A 19960326 - STAIGER BRUNO [DE], et al
- [X] FR 2701091 A3 19940805 - ISPRACONTROL S SRL [IT]
- [X] US 2802083 A 19570806 - LAPEYRE JAMES M
- [Y] US 5667402 A 19970916 - DENOVIK SAM [US], et al

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EP4372776A1

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)
US 6236006 B1 20010522; AT E308807 T1 20051115; DE 29905589 U1 19990610; DE 50011480 D1 20051208; DK 1039578 T3 20060123; EP 1039578 A2 20000927; EP 1039578 A3 20010816; EP 1039578 B1 20051102

DOCDB simple family (application)
US 51909800 A 20000306; AT 00100402 T 20000108; DE 29905589 U 19990326; DE 50011480 T 20000108; DK 00100402 T 20000108; EP 00100402 A 20000108