

Title (en)
FUSE SWITCH

Title (de)
SCHMELZSICHERUNGSSCHALTER

Title (fr)
COUPE-CIRCUIT A FUSIBLE

Publication
EP 1173872 A1 20020123 (DE)

Application
EP 00918568 A 20000420

Priority
• AT 0000099 W 20000420
• AT 70299 A 19990420

Abstract (en)
[origin: WO0063940A1] The invention relates to a fuse switch comprising an insulating housing (1) in which two power conducting housing contacts (14) are fixed. Said switch further comprises a switch slider (22) that is also made of an insulating material and that is displaceably or pivotally guided between a switch-on position (Fig. 3 or Fig. 12) and an switch-off or replace position (Fig. 2 or Fig. 11) in the insulating housing (1), said switch slider receiving a fuse cartridge (20) whose end contact caps (21) (Fig. 3 or Fig. 12) are directly placed on the fixed housing contacts (14) in the switch-on position and are separated from the fixed housing contacts (14) in the switch-off or replace position (Fig. 2 or Fig. 11). Said switch also comprises a carriage (24) displaceably mounted in the switch slider (22) and holding the fuse cartridge (20), said carriage having a lug (27) engaging in a gate (28) mounted in the insulating housing (1). Said gate (28) is shaped in such a way that when the carriage (24) is displaced or pivoted, the latter is displaced at a distance such in relation to the switch slider (22) that the fuse cartridge (20) projects above the switch slider (22) in certain sections.

IPC 1-7
H01H 85/54

IPC 8 full level
H01H 85/54 (2006.01); **H01H 85/00** (2006.01); **H01H 85/32** (2006.01)

CPC (source: EP)
H01H 85/545 (2013.01); **H01H 85/547** (2013.01); **H01H 85/0091** (2013.01); **H01H 85/32** (2013.01)

Citation (search report)
See references of WO 0063940A1

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)
WO 0063940 A1 20001026; AT 412927 B 20050825; AT A70299 A 20050115; AT E235102 T1 20030415; AU 3945800 A 20001102; AU 762695 B2 20030703; CN 100362611 C 20080116; CN 1357154 A 20020703; CZ 20013734 A3 20020213; CZ 302064 B6 20100922; DE 50001496 D1 20030424; EP 1173872 A1 20020123; EP 1173872 B1 20030319; IL 146058 A0 20020725; IL 146058 A 20070603; MY 122714 A 20060429; PL 194064 B1 20070430; PL 350457 A1 20021216; SK 14792001 A3 20020404; TN SN00084 A1 20020530

DOCDB simple family (application)
AT 0000099 W 20000420; AT 00918568 T 20000420; AT 70299 A 19990420; AU 3945800 A 20000420; CN 00808849 A 20000420; CZ 20013734 A 20000420; DE 50001496 T 20000420; EP 00918568 A 20000420; IL 14605800 A 20000420; IL 14605801 A 20011018; MY PI20001687 A 20000420; PL 35045700 A 20000420; SK 14792001 A 20000420; TN SN00084 A 20000420