

Title (en)

Device for securing the switching position of an electric push-button switch

Title (de)

Vorrichtung zur mechanischen Sicherung einer Schaltstellung eines elektrischen Druckschalters

Title (fr)

Dispositif de sécurité mécanique agissant sur la commutation d'un bouton-poussoir électrique

Publication

EP 0702381 B1 19971105 (DE)

Application

EP 95112598 A 19950810

Priority

DE 4433083 A 19940916

Abstract (en)

[origin: EP0702381A1] The switch latch is provided by a locking button (17) operated to secure the hollow push-button head (14) in a defined switch position, within the switch housing (11), against a return spring bias. The hollow interior of the push-button head has retaining profiles (16) on opposing sides, with the locking button coupled to a forked slider (20), displaced by the locking button to bring the ends (26) of the forks, which projecting into the push-button head from below, into engagement with the retaining profiles. Pref. the ends of the forks have stop surfaces (27, 28) for retaining profiles.

IPC 1-7

H01H 3/20

IPC 8 full level

H01H 3/20 (2006.01); **H01H 13/08** (2006.01)

CPC (source: EP)

H01H 3/20 (2013.01); **H01H 13/08** (2013.01)

Cited by

EP1947665A1; EP1174892A3; WO2020067706A1; US11143411B2; US11649968B2; EP1936645A1; EP1936645B1

Designated contracting state (EPC)

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

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EP 0702381 A1 19960320; EP 0702381 B1 19971105; AT E160047 T1 19971115; DE 4433083 A1 19960321; DE 59500947 D1 19971211; DK 0702381 T3 19980518; ES 2108528 T3 19971216; GR 3025587 T3 19980331

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EP 95112598 A 19950810; AT 95112598 T 19950810; DE 4433083 A 19940916; DE 59500947 T 19950810; DK 95112598 T 19950810; ES 95112598 T 19950810; GR 970403239 T 19971203