

Title (en)
Push-button switch.

Title (de)
Tastenschalter.

Title (fr)
Interrupteur à bouton-poussoir.

Publication
EP 0450319 B1 19950712 (DE)

Application
EP 91103229 A 19910304

Priority
DE 4010746 A 19900403

Abstract (en)
[origin: EP0450319A2] The push-button plungers are held in the switching position by means of a mechanical latching device and are released from the switching position again by pressing the push-button plunger again. A contact set is allocated to each push-button plunger. The contact sets are constructed as microswitches and are arranged on a printed-circuit board which can be physically separated from the supporting body of the push-button plungers. Each push-button plunger has an operating finger which is guided displaceably in the operating direction of the push-button plunger. When the push-button plunger is released, said finger is held in front of the microswitch by means of a spring which acts in this direction. When the push-button plunger is operated, said finger presses onto the microswitch as a result of a spring tension, the spring tension being greater than the operating force required for the microswitch. As a result of these measures, the mechanical part of a push-button switch can be used without any change on any desired shapes of electrical circuits and on arrangements of microswitches which influence them. <IMAGE>

IPC 1-7
H01H 13/10; **H01H 13/20**

IPC 8 full level
H01H 13/10 (2006.01); **H01H 13/20** (2006.01)

CPC (source: EP)
H01H 13/10 (2013.01); **H01H 13/20** (2013.01); **H01H 2233/014** (2013.01)

Cited by
CN107408472A; US10163591B2; WO0165580A1; WO2016142024A1

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CH DE ES FR GB GR IT LI SE

DOCDB simple family (publication)
EP 0450319 A2 19911009; **EP 0450319 A3 19920520**; **EP 0450319 B1 19950712**; DE 4010746 A1 19911010; DE 59105951 D1 19950817; DE 9007536 U1 19920514; ES 2077701 T3 19951201

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