

Title (en)

Push button switch with touch and locking function.

Title (de)

Tastschalter mit Tast- und Rastfunktion.

Title (fr)

Bouton poussoir à impulsion ou à accrochage.

Publication

EP 0326809 B1 19940309 (DE)

Application

EP 89100199 A 19890107

Priority

CH 39788 A 19880204

Abstract (en)

[origin: EP0326809A2] A slide (2) in the housing (1) can move along a switching path (S) from a quiescent position into a switched position and back. The locking function is achieved by means of the interaction of a pin (6), supported on a moving bearing (8), with a guide curve (5, 13) which on the one hand has a locking step (b) and on the other hand, in the movement direction of the slide (2), has a linear extension (13) in which the pin (6) rests in the quiescent position of the slide (2). In order to simplify a space-saving design and functional movement it is provided that the bearing (8) can move parallel to the slide (2) between a first and a second position. It is further provided that, in the quiescent position of the slide (2), when the bearing (8) is located in the first position (Fig. 2a), the switching path (S) is shorter than the distance (A) of the pin (6) from the locking step (b) and is greater than said distance (A) when the bearing (8) is located in the second position (Fig. 2b). <IMAGE>

IPC 1-7

H01H 13/50

IPC 8 full level

H01H 13/50 (2006.01); **H01H 13/56** (2006.01)

CPC (source: EP US)

H01H 13/564 (2013.01 - EP US)

Cited by

FR2678767A1; EP0676780A1; FR2718566A1; DE102012209545A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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