

Title (en)
Push-button, sliding by pressure

Title (de)
Linear durch Drücken verschiebbarer Druckknopf

Title (fr)
Bouton-poussoir coulissant par pression

Publication
EP 0849656 A3 20031029 (DE)

Application
EP 97121383 A 19971205

Priority
DE 19653380 A 19961220

Abstract (en)
[origin: EP0849656A2] The pushbutton (10) is moved against a spring force from a first to a second stable position and can be moved back by the spring force. A latching element slides against a slide surface arrangement under spring force with two approximately parallel slide surfaces (17,18) forming a closed slide path with a separating wall (25) between them. The latching element slides on the first and second surface when the pushbutton is depressed and released respectively. The separating wall has a latching hole (26) which holds the latching element in the second stable position. The slide surfaces are at different distances from a reference surface with a step (24) between them at their junction which prevents the latching element from passing onto the second slide surface when the pushbutton is depressed.

IPC 1-7
G05G 1/08; H01H 11/00; G05G 1/02

IPC 8 full level
G05G 1/02 (2006.01); **G05G 1/08** (2006.01); **H01H 11/00** (2006.01); **H01H 13/56** (2006.01)

CPC (source: EP)
G05G 1/08 (2013.01); **H01H 13/562** (2013.01); **H01H 13/568** (2013.01)

Citation (search report)
• [XA] DE 3419834 A1 19851128 - SWF AUTO ELECTRIC GMBH [DE]
• [A] DE 2417330 A1 19751106 - MECANISMOS AUX IND
• [A] DE 3638834 A1 19870527 - ALPS ELECTRIC CO LTD [JP]

Cited by
DE102008030096A1; WO2021129089A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0849656 A2 19980624; **EP 0849656 A3 20031029**; **EP 0849656 B1 20050427**; DE 19653380 A1 19980625; DE 59712284 D1 20050602

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