

Title (en)  
TUMBLER-ACTUATED PUSH BUTTON ELEMENT

Publication  
**EP 0365909 A3 19910904 (DE)**

Application  
**EP 89118763 A 19891010**

Priority  
US 26285088 A 19881026

Abstract (en)  
[origin: US4847458A] An electric switch which translates a pivotable toggle motion to a rectilinear contact engaging and breaking movement, including an actuator assembly and a contact assembly which are clamped together during assembly with a face plate. The actuator assembly facilitates assembly by capturing a pivotable operating lever between a halo which adapts the actuator assembly to a face plate, and a halo adapter which adapts the actuator assembly to the contact assembly. The contact assembly includes a movable contact carrier to which a cam is fixed. The cam includes a recess which defines spaced lateral stops, and a cam surface which slopes axially inward between the spaced lateral stops, with the operating lever having a cam actuator end which enters the recess and rides on the cam surface.

IPC 1-7  
**H01H 23/02**; **H01H 23/16**

IPC 8 full level  
**H01H 23/04** (2006.01); **H01H 23/16** (2006.01)

CPC (source: EP US)  
**H01H 23/164** (2013.01 - EP US)

Citation (search report)  
• [A] US 2366474 A 19450102 - BENTLEY ROBERT H  
• [A] US 4400603 A 19830823 - WILEY ROY O [US]  
• [A] US 2133545 A 19381018 - KRIEGER ALVIN W  
• [A] US 4689456 A 19870825 - MARTIN ADOLF H [US]  
• [A] DE 1957118 A1 19700611 - CO LER HAMMER WORLD TRADE INC  
• [A] US 3501599 A 19700317 - HORECKY STANLEY V

Designated contracting state (EPC)  
AT CH DE ES FR GB IT LI

DOCDB simple family (publication)  
**US 4847458 A 19890711**; AT E120879 T1 19950415; CA 2001604 A1 19900426; CA 2001604 C 20001212; DE 58909160 D1 19950511; EP 0365909 A2 19900502; EP 0365909 A3 19910904; EP 0365909 B1 19950405; ES 2073420 T3 19950816; JP H02181324 A 19900716

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