

Title (en)

PUSH-BUTTON SWITCH ESPECIALLY KEY SWITCH

Publication

EP 0252449 A3 19891025 (DE)

Application

EP 87109591 A 19870703

Priority

DE 3622962 A 19860709

Abstract (en)

[origin: US4751355A] A pushbutton switch having a contact actuating member movable in the direction of actuation, and a restoring spring which is loaded when the actuating member is depressed. A laterally resiliently deflectable detent element engages an inclined cam surface on the actuating member. When the member is depressed, the cam surface moves downwardly over the detent element causing the element to be laterally deflected, thereby releasing the detent mechanism. Thereafter, the actuating member is then free to move on against the force of the restoring spring.

IPC 1-7

H01H 13/50

IPC 8 full level

H01H 13/20 (2006.01); **H01H 13/12** (2006.01); **H01H 13/50** (2006.01); **H01H 13/52** (2006.01)

CPC (source: EP US)

H01H 13/50 (2013.01 - EP US)

Citation (search report)

- [X] GB 2018029 A 19791010 - SUISSE HORLOGERIE
- [X] US 4525613 A 19850625 - BUTTS GARY C [US]
- [X] FR 2430658 A1 19800201 - SODECO COMPTEURS DE GENEVE [CH]
- [A] GB 2023933 A 19800103 - PLESSEY CO LTD
- [A] FR 2031067 A5 19701113 - SCANTLIN ELECTRONICS INC
- [A] IBM TECHNICAL DISCLOSURE BULLETIN. vol. 14, no. 7, Dezember 1971, NEW YORK US Seite 2214 H.E.Meier: "Tactile device for pushbutton switches"

Cited by

DE19951556A1; DE19951556B4

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0252449 A2 19880113; EP 0252449 A3 19891025; EP 0252449 B1 19920930; CA 1312896 C 19930119; DE 3622962 A1 19880121; DE 3781954 D1 19921105; ES 2034994 T3 19930416; JP H0628124 B2 19940413; JP S6366808 A 19880325; US 4751355 A 19880614

DOCDB simple family (application)

EP 87109591 A 19870703; CA 541593 A 19870708; DE 3622962 A 19860709; DE 3781954 T 19870703; ES 87109591 T 19870703; JP 17084087 A 19870708; US 7098587 A 19870708