

Title (en)
PUSH BUTTON SWITCH

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EP 0160791 B1 19880210 (DE)

Application
EP 85101787 A 19850219

Priority
DE 3412027 A 19840331

Abstract (en)
[origin: US4757164A] A pushbutton switch comprising a housing within which a pushbutton can move with respect to a housing socket is described. Within the housing is placed a switch plunger which moves longitudinally and can also pivot through a small angle. A contact bridge, which can be pivoted in an oversprung fashion between two fixed contacts, is disposed in the housing. The placement of the contact bridge is governed by a switch rocker, which is arranged in a hinged fashion in the housing. This allows the switch plunger and switch rocker to engage. The counterbearing for the contact bridge consists of a knife-edge bearing in the switch rocker. Between the switch plunger and the switch rocker is a return spring, arranged so that in the rest position of the pushbutton, the switch plunger occupies a pivoted position remote from the middle position. The cross motion of the switch plunger is halted, depending on the direction of motion of the pushbutton, by a constraining guide on each side.

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H01H 13/60

IPC 8 full level
H01H 13/02 (2006.01); **H01H 13/60** (2006.01); **H01H 9/16** (2006.01)

CPC (source: EP US)
H01H 13/60 (2013.01 - EP US); **H01H 9/16** (2013.01 - EP US)

Cited by
EP0307364A3; CN106098423A; FR2775828A1; NL1011361C2; BE1012503A3; ES2159228A1; WO2011032775A1

Designated contracting state (EPC)
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