

Title (en)
PUSH BUTTON SWITCH WITH SNAP ACTION

Publication
EP 0001031 B1 19801001 (FR)

Application
EP 78430007 A 19780720

Priority
US 82903977 A 19770830

Abstract (en)
[origin: US4118611A] A torsional or rocker switch actuator is described that uses the torsional moment of a buckling compression spring column to rock the actuator member on a pivot. A catastrophically buckling compression column spring is used and the reaction moment which occurs as the spring buckles is applied to rock an actuator back and forth between open and closed positions with cooperating contacts beneath the actuator. A non-teasible, snap action, tactile feedback, key mechanism of extreme mechanical simplicity and high reliability is achieved.

IPC 1-7
H01H 13/28

IPC 8 full level
G06F 3/02 (2006.01); **H01H 13/28** (2006.01); **H01H 5/08** (2006.01); **H01H 13/12** (2006.01); **H01H 13/30** (2006.01)

CPC (source: EP US)
H01H 13/30 (2013.01 - EP US); **H01H 2235/012** (2013.01 - EP US)

Cited by
GB2282703A; EP0136488A3

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
US 4118611 A 19781003; CA 1098947 A 19810407; DE 2860193 D1 19810108; EP 0001031 A1 19790307; EP 0001031 B1 19801001; IT 1109970 B 19851223; IT 7826396 A0 19780802; JP S5437281 A 19790319; JP S5741774 B2 19820904

DOCDB simple family (application)
US 82903977 A 19770830; CA 303019 A 19780510; DE 2860193 T 19780720; EP 78430007 A 19780720; IT 2639678 A 19780802; JP 8410478 A 19780712