

Title (en)
Multi-position electrical switch.

Title (de)
Elektrischer Schalter mit mehreren Stellungen.

Title (fr)
Interrupteur électrique à plusieurs positions.

Publication
EP 0275570 A2 19880727 (EN)

Application
EP 87202081 A 19821013

Priority
• JP 2960782 U 19820304
• JP 6936982 U 19820514
• JP 15286681 U 19811016

Abstract (en)
The switch comprises a housing (1), an insulating board (2), a plurality of stationary contacts each formed of a pair of film electrodes arranged around a central position on the insulating board, an insulating sheet (31) arranged on the insulating board and having cushions (32a-32h) expanding over the stationary contacts, movable contacts (33a-33h) inside the top of the cushions and forming switch elements with the stationary contacts, and an operation button (34) having pressing surfaces for driving each switch element by pressing said cushions, arranged tiltably and having projections (34i, 34j-34m) arranged on its bottom at positions corresponding respectively to the central position and to intermediate positions between the positions of the cushions for preventing the simultaneous operation of the switch elements.

IPC 1-7
H01H 13/72

IPC 8 full level
H01H 9/26 (2006.01); **H01H 13/70** (2006.01); **H01H 13/72** (2006.01); **H01H 25/00** (2006.01); **H01H 25/04** (2006.01)

CPC (source: EP)
H01H 13/72 (2013.01); **H01H 25/04** (2013.01); **H01H 25/041** (2013.01); **H01H 2300/012** (2013.01)

Designated contracting state (EPC)
FR

DOCDB simple family (publication)
GB 2128412 A 19840426; **GB 2128412 B 19851113**; **GB 8329069 D0 19831207**; DE 3249061 C2 19900621; DE 3249061 T1 19840405; DE 3249953 C2 19900405; DE 3249955 C2 19920730; EP 0102394 A1 19840314; EP 0102394 A4 19851121; EP 0102394 B1 19900103; EP 0269153 A2 19880601; EP 0269153 A3 19881123; EP 0269153 B1 19920304; EP 0275570 A2 19880727; EP 0275570 A3 19881214; EP 0275570 B1 19930107; GB 2153149 A 19850814; GB 2153149 B 19860625; GB 2154801 A 19850911; GB 2154801 B 19860813; GB 8504279 D0 19850320; GB 8504280 D0 19850320; WO 8301537 A1 19830428

DOCDB simple family (application)
GB 8329069 A 19821013; DE 3249061 T 19821013; DE 3249953 A 19821013; DE 3249955 A 19821013; EP 82903056 A 19821013; EP 87202080 A 19821013; EP 87202081 A 19821013; GB 8504279 A 19850219; GB 8504280 A 19850219; JP 8200406 W 19821013