

Title (en)
PUSH BUTTON SWITCH

Publication
EP 0509368 A3 19921230 (DE)

Application
EP 92105960 A 19920407

Priority
DE 4112754 A 19910419

Abstract (en)
[origin: EP0509368A2] A push-button switch is proposed having a plastic switch cap which acts as a restoring element, has a truncated-conical shape and makes possible a switching process which is highly precise in comparison with known rubber or silicon switch caps. In order to achieve an optimum switching characteristic, with defined switching movements and forces, a thermoplastic elastomer is used which, as a block-copolymer, has special characteristics with respect to the flexibility of the switch cap. In this case, the special characteristics of the push-button switch are determined by material selection and the dimensions of the switch cap. <IMAGE>

IPC 1-7
H01H 13/48; **H01H 13/70**

IPC 8 full level
H01H 13/48 (2006.01); **H01H 13/50** (2006.01); **H01H 13/70** (2006.01); **H01H 13/702** (2006.01); **H01H 21/22** (2006.01); **H01H 23/30** (2006.01)

CPC (source: EP US)
H01H 13/50 (2013.01 - EP US); **H01H 13/702** (2013.01 - EP US); **H01H 21/22** (2013.01 - EP US); **H01H 23/30** (2013.01 - EP US); **H01H 2207/032** (2013.01 - EP US); **H01H 2209/002** (2013.01 - EP US); **H01H 2215/004** (2013.01 - EP US); **H01H 2215/012** (2013.01 - EP US); **H01H 2227/022** (2013.01 - EP US)

Citation (search report)
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• [AD] DE 3122456 A1 19820506 - SHINETSU POLYMER CO [JP]
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