

Title (en)
Electric switch

Title (de)
Electrischer Schalter

Title (fr)
Interrupteur électrique

Publication
EP 0789373 B1 20000607 (EN)

Application
EP 97300686 A 19970204

Priority
GB 9602320 A 19960206

Abstract (en)
[origin: EP0789373A1] A snap-action electric switch includes a housing (2) containing a snap-action mechanism (16) movable by a plunger (22) between a rest position and a displaced position, the snap-action mechanism (16) comprising a thin leaf spring with three parallel legs (28,30,32) the integral one ends of which constitute a contact member, at least one of said legs (28) being longitudinally stressed such that, on movement of the unstressed leg or legs (30,32) beyond an overcentre position by the plunger (22), the contact member snaps from its rest position to its displaced position. The other end of the or each unstressed leg (30,32) is mounted to be movable with the plunger (22) whereby, on guided linear movement of the plunger (22) within the housing (2), the other end of the or each unstressed leg (30,32) is moved bodily with the plunger (22) to achieve said overcentre position of said unstressed leg or legs (30,32). <IMAGE>

IPC 1-7
H01H 13/36

IPC 8 full level
H01H 13/36 (2006.01)

CPC (source: EP)
H01H 13/36 (2013.01); **H01H 2011/0081** (2013.01)

Cited by
US6998555B2; EP1533822A1; FR2862808A1; CN100456404C

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EP 0789373 A1 19970813; EP 0789373 B1 20000607; DE 69702216 D1 20000713; DE 69702216 T2 20010301; GB 9602320 D0 19960403

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