

Title (en)
Electric switch

Title (de)
Elektrischer Schalter

Title (fr)
Interrupteur électrique

Publication
EP 1065685 A1 20010103 (EN)

Application
EP 00304098 A 20000516

Priority
GB 9915186 A 19990629

Abstract (en)
A snap action electric switch includes a snap-action mechanism (20) incorporating a thin leaf spring having three substantially parallel legs (22, 24) the integral one ends of which constitute a contact member (26, 28), at least one of the legs (24) being longitudinally stressed such that, on movement of the or each unstressed leg (22) beyond an overcentre position, the contact member (26, 28) snaps from a rest position to a displaced position, and a lever (30) pivotally mounted in the body member (4) and including abutment means (36) engaging the or each unstressed leg (22) of the leaf spring such that, on pivoting of the lever (30), the abutment means (36) moves along the arc of a circle to bow the or each unstressed leg (22) whilst at the same time sliding therealong whereby the contact member (26, 28), prior to snap-action, slides on a first fixed terminal member (6), and, subsequent to snap-action, slides on a second fixed terminal member (8) without unduly stressing the leaf spring. <IMAGE>

IPC 1-7
H01H 13/18; **H01H 21/22**

IPC 8 full level
H01H 13/18 (2006.01); **H01H 21/22** (2006.01)

CPC (source: EP)
H01H 13/186 (2013.01); **H01H 21/22** (2013.01)

Citation (search report)

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