

Title (en)

SWITCH, IN PARTICULAR FOR USE AS AUTOMATIC SWITCH

Publication

**EP 0322986 B1 19930428 (EN)**

Application

**EP 88203033 A 19881228**

Priority

NL 8703172 A 19871231

Abstract (en)

[origin: EP0322986A1] A switch, in particular for use as automatic switch, comprising a housing (1) provided with at least one pair of contacts having a fixed (16) and a movable contact (14), and a leaf spring system having at least one arm (2) and leaf spring (6) which are hingedly coupled to each other at one end. One end of the arm/spring assembly thus formed being coupled to a body (8) supported in the housing (1) and movable relative to the fixed contact (16), said body (8) bearing the movable contact (14). The other end of the arm/spring assembly being fixedly positioned and hingedly supported (21) in the housing (1) at a distance from and opposite said fixed contact (16). The dimensions of the movable supported body are such that in the one position of the pair of contacts the at least one arm (2) and leaf spring lie in line with each other and the at least one leaf spring (6) is tensioned. In the other position the at least one arm (2) and leaf spring (6) assume a position which is deflected relative to the one position. For taking and locking the at least one pair of contacts into the one and/or the other position operating and locking means (22, 23, 40, 46) are provided.

IPC 1-7

**H01H 71/52**

IPC 8 full level

**H01H 71/52** (2006.01); **H01H 5/18** (2006.01); **H01H 23/16** (2006.01)

CPC (source: EP)

**H01H 71/526** (2013.01); **H01H 5/18** (2013.01); **H01H 23/164** (2013.01)

Cited by

EP0508839A1; GB2549854A; GB2549854B; DE102017108986B4; EP0549072A1; US5294903A; AU651750B2

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0322986 A1 19890705; EP 0322986 B1 19930428**; AT E88835 T1 19930515; DE 3880653 D1 19930603; DE 3880653 T2 19931111; DK 171090 B1 19960528; DK 732488 A 19890701; DK 732488 D0 19881230; ES 2040836 T3 19931101; FI 885996 A 19890701; FI 91199 B 19940215; FI 91199 C 19940525; NL 8703172 A 19890717; NO 174177 B 19931213; NO 174177 C 19940323; NO 885823 D0 19881230; NO 885823 L 19890703

DOCDB simple family (application)

**EP 88203033 A 19881228**; AT 88203033 T 19881228; DE 3880653 T 19881228; DK 732488 A 19881230; ES 88203033 T 19881228; FI 885996 A 19881228; NL 8703172 A 19871231; NO 885823 A 19881230