

Title (en)

Method of making snap action switches.

Title (de)

Herstellungsverfahren eines Schnappschalters.

Title (fr)

Méthode de fabrication d'un interrupteur à action brusque.

Publication

EP 0155390 A2 19850925 (EN)

Application

EP 84115369 A 19841213

Priority

US 56322083 A 19831219

Abstract (en)

A switch module includes a base and an array of one or more switches spaced adjacent to one another on the base. Each switch includes a fixed contact as well as a moving contact and supporting arm therefor. All of the switches in the array are formed from a single planar conductive blank composed of a closed frame and first and second sets of opposed elongated cantilevered panels extending from opposite sides of the frame, one set of panels forming the stationary contacts and the other set of panels forming the moving contacts and supporting arms therefor. The blank is deformed to move all of the corresponding stationary and moving contacts into overlapping relation and to give bias to all of the contact arms so that they urge the associated moving contacts into or out of engagement with the corresponding fixed contacts. All of the switches while they are still integral parts of the deformed blank are mounted to the base so that the relative positions on the base of all of the switch contacts are predetermined by their positions in the deformed blank. Finally, the deformed mounted blank is severed at selected locations to electrically isolate some or all of the switch contacts mounted to the base. Various blanks for making the switch module are disclosed as is the method for doing same.

IPC 1-7

H01H 11/00; **H01H 13/70**

IPC 8 full level

H01H 13/36 (2006.01); **H01H 11/00** (2006.01); **H01H 11/04** (2006.01); **H01H 13/12** (2006.01); **H01H 13/56** (2006.01); **H01H 13/68** (2006.01); **H01H 13/70** (2006.01); **H01H 15/00** (2006.01); **H01H 1/58** (2006.01); **H01H 5/18** (2006.01)

CPC (source: EP)

H01H 11/0056 (2013.01); **H01H 15/005** (2013.01); **H01H 1/5805** (2013.01); **H01H 5/18** (2013.01)

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EP0780862A3; EP0507002A3; CN102822924A; US6205650B1; WO9642097A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0155390 A2 19850925; **EP 0155390 A3 19871119**; **EP 0155390 B1 19910410**; AT E62562 T1 19910415; DE 3484436 D1 19910516; JP H0523007 B2 19930331; JP S60241617 A 19851130

DOCDB simple family (application)

EP 84115369 A 19841213; AT 84115369 T 19841213; DE 3484436 T 19841213; JP 26821584 A 19841219