

Title (en)
Arrangement of switch contacts and method for its production.

Title (de)
Schaltkontakthanordnung und Verfahren zu ihrer Herstellung.

Title (fr)
Disposition de contacts interrupteurs et procédé de fabrication.

Publication
EP 0080029 A1 19830601 (DE)

Application
EP 82107617 A 19820820

Priority
DE 3145802 A 19811119

Abstract (en)
1. A switch contact arrangement consisting of two stripshaped contacts (5, 26) which are movable relatively to one another in their longitudinal direction and act on one another, and one of which is substantially rigid and the other is resiliently initially stressed in the contact-making direction, the rigid contact (5) comprising at least one longitudinal slot (8) and a web (51; 52; 53) of insulating material which projects beyond the contact plane and is provided with inclined approach and run-off surfaces and which is situated opposite the resilient contact (26) in the off position, characterised in that the web (51; 52; 53) of insulating material is a fixed component of a contact holding means (50) which supports the rigid contact (5) at its back, the longitudinal slot (8) being completely filled with an insulating compound which does not, however, project into the closing region of the contact surfaces.

Abstract (de)
Um die Fertigung von Schaltern mit zwei in ihrer Längsrichtung gegeneinander relativ beweglichen, sich flächig beaufschlagenden streifenförmigen Kontakten, von denen der eine im wesentlichen starr und der andere in Kontaktgaberichtung federnd vorgespannt ist, billiger, einfacher und universeller anwendbar zu machen, wird der starre Kontakt (5) mit einem, dem maximalen Schalthub entsprechenden Längsschlitz (8) versehen, der je nach zugedachter Schaltfunktion in seinem vorderen oder seinem hinteren Bereich von einem die Kontaktebene überragenden Isolierstoff-Steg (51, 52, 53) durchdrungen ist.

IPC 1-7
H01H 13/12

IPC 8 full level
H01H 13/12 (2006.01); **H01H 15/10** (2006.01)

CPC (source: EP)
H01H 13/12 (2013.01); **H01H 15/102** (2013.01)

Citation (search report)
• [Y] US 3499126 A 19700303 - JONES EDWARD A, et al
• [Y] FR 2296256 A1 19760723 - LUCAS ELECTRICAL CO LTD [GB]
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• [A] US 3573407 A 19710406 - BURCH LYNDON WALKUP, et al

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EP0451414A1; EP0232656A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0080029 A1 19830601; **EP 0080029 B1 19851204**; AT E16869 T1 19851215; DE 3145802 A1 19830526; DE 3145802 C2 19900613; DE 3267809 D1 19860116

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EP 82107617 A 19820820; AT 82107617 T 19820820; DE 3145802 A 19811119; DE 3267809 T 19820820