

Title (en)
Slide switch.

Title (de)
Schiebeschalter.

Title (fr)
Commutateur à curseur.

Publication
EP 0508298 B1 19950215 (DE)

Application
EP 92105633 A 19920401

Priority
• DE 4111487 A 19910409
• DE 9202282 U 19920221

Abstract (en)
[origin: EP0508298A2] The slide switch has a base body (1) with contact elements (2, 3) which are embedded in pairs and, on the top, form in each case a fixed contact (4) and a sprung contact arm (5). A slide (6) having a U-shaped cross-section covers the contact arm and the complete base body by means of lateral guide arms (6b) and is supported by means of a sliding guide in the longitudinal direction of the contact arm such that it can be displaced on lateral guide ribs of the base body. When the contact is open, the contact arm is largely free of tension, while it is pressed against the fixed contact (4) by means of a switching cam (10) and a bend (11) for closing the contact. In consequence, the contact elements and the base body are largely free of tension when the contact is open, as a result of which deformation is prevented in the event of high temperature stress during surface mounting. In addition, the slide is easily accessible for manual operation even if the switch has very small dimensions, and the switching state can easily be identified by the position of the slide. <IMAGE>

IPC 1-7
H01H 15/00; **H01H 15/10**

IPC 8 full level
H01H 15/00 (2006.01); **H01H 15/10** (2006.01); **H01H 9/16** (2006.01)

CPC (source: EP)
H01H 15/005 (2013.01); **H01H 15/102** (2013.01); **H01H 9/16** (2013.01); **H01H 2001/5888** (2013.01)

Cited by
EP1521281A1; US5767309A

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
DE 9202282 U1 19920430; DE 59201375 D1 19950323; EP 0508298 A2 19921014; EP 0508298 A3 19930428; EP 0508298 B1 19950215

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