

Title (en)

Electric switch for a power tool.

Title (de)

Elektrischer Schalter für Elektrowerkzeug.

Title (fr)

Interrupteur électrique pour outil électrique.

Publication

**EP 0313987 A1 19890503 (EN)**

Application

**EP 88117477 A 19881020**

Priority

- JP 5109888 U 19880415
- JP 5295488 U 19880420
- JP 5548488 U 19880423
- JP 5575288 U 19880425
- JP 16151387 U 19871021
- JP 26745787 A 19871021
- JP 26982487 A 19871024

Abstract (en)

An electric switch for a power tool, comprising: a slider (22) slidably received in a switch casing (13) along a longitudinal direction, a handle (12) provided in the grip of the power tool for manually actuating the slider along the longitudinal direction; a plurality of fixed contact pieces (41-44) arranged in an internal bottom surface of the switch casing and provided with contact surfaces located substantially in a same plane; and a plurality of moveable contact pieces (20, 21) arranged in the bottom surface of the slider and urged toward the fixed contact pieces by spring members (19) so as to selectively contact at least some of the contact surfaces of the fixed contact pieces. The component parts can be fitted into a small switch casing, particularly having a small height. The component parts may be assembled one over the other in sequential manner without requiring special efforts.

IPC 1-7

**H01H 9/06**; **H01H 21/10**

IPC 8 full level

**H01H 9/06** (2006.01); **H01H 9/52** (2006.01)

CPC (source: EP)

**H01H 9/061** (2013.01); **H01H 9/52** (2013.01)

Citation (applicant)

- JP S6222331 A 19870130 - MAKITA ELECTRIC WORKS LTD, et al
- JP S60160916 A 19850822 - SANKO CO INC

Citation (search report)

- [XD] JP S6222331 A 19870130 - MAKITA ELECTRIC WORKS LTD, et al
- [X] US 4179644 A 19791218 - VASSOS LOUIS J [US]
- [A] EP 0048124 A2 19820324 - SKIL NEDERLAND NV [NL]
- [A] DE 2211027 B1 19730726

Cited by

CN102956385A; EP0957497A3; DE4443797A1; CN100346432C; EP1482526A3; EP2214188A3; EP0468622A3; GB2473716A; GB2473716B; WO9526589A1

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