

Title (en)  
ROTATING ELECTRICAL SWITCH

Publication  
**EP 0223968 A3 19890614 (DE)**

Application  
**EP 86113240 A 19860926**

Priority  
DE 3538546 A 19851030

Abstract (en)  
[origin: US4739138A] The rotary electrical switch 1 which is mounted on a circuit plate 7 furnished with a printed circuit comprises a switch wheel 4 which is rotatably supported on the circuit plate 7 and whereat a contact bridge 48 is inserted into a pocket 46. On rotation of the rotary switch 1, said contact bridge 48 connects and/or disconnects at least two conducting paths of the printed circuit. Shaped at the switch wheel 4 is a pivot pin 17 which penetrates the circuit plate 7 and which is secured by a base member 5 to the circuit plate 7 on the said's bottom side opposite to the printed circuit. The switch wheel 4 includes catch-type recesses 42, with a resilient switching element 32 engaging into each one recess depending on the position of rotation of the switch wheel 4. The base member 5 urges via the switch wheel 4 the contact lugs 48 resiliently against the circuit plate 7, additionally forms the catch-type element 40 and simultaneously couples the switch wheel 4 and the circuit plate 7.

IPC 1-7  
**H01H 21/78**; **H01H 21/50**

IPC 8 full level  
**H01H 19/11** (2006.01); **H01H 19/58** (2006.01); **H01H 21/50** (2006.01)

CPC (source: EP US)  
**H01H 19/11** (2013.01 - EP US); **H01H 19/585** (2013.01 - EP US); **H01H 2019/008** (2013.01 - EP US)

Citation (search report)

- US 3255319 A 19660607 - PAINE BUD A
- DE 2831204 B1 19790802 - STANDARD ELEKTRIK LORENZ AG
- GB 2027276 A 19800213 - SEIKO INSTR & ELECTRONICS
- US 3337699 A 19670822 - MILLER EDWIN A

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US5633198A

Designated contracting state (EPC)  
DE FR GB NL

DOCDB simple family (publication)  
**EP 0223968 A2 19870603**; **EP 0223968 A3 19890614**; **EP 0223968 B1 19920422**; CA 1284163 C 19910514; DE 3538546 A1 19870507; DE 3538546 C2 19871217; DE 3684994 D1 19920527; US 4739138 A 19880419

DOCDB simple family (application)  
**EP 86113240 A 19860926**; CA 521389 A 19861024; DE 3538546 A 19851030; DE 3684994 T 19860926; US 92388086 A 19861028