

Title (en)

Electric switching means on a printed circuit board and watch comprising such a switch

Title (de)

Elektrische Schaltvorrichtung auf einer gedruckten Schaltung und Uhr, die eine solche Vorrichtung enthält

Title (fr)

Dispositif d'interrupteur électrique sur un circuit imprimé, et montre comportant un tel dispositif

Publication

EP 0845718 B1 20000510 (FR)

Application

EP 96119280 A 19961202

Priority

EP 96119280 A 19961202

Abstract (en)

[origin: US5774427A] An electric switch device (14) co-operating with a printed circuit (13) and closing perpendicular to such circuit when it is actuated by a pressure in a direction (A) parallel to the plane (16) of the circuit. The switch comprises an elastic contact element (22) having a prominent portion (25) which receives the pressure from a push-button (4) in a direction (A) parallel to the printed circuit. At least one flexible leg (28) of the contact element is fixed to the printed circuit or close to the latter. Another leg (26) of this contact element carries at its end a contact portion (27) which is lowered onto a pad of the circuit when the contact element bends under the effect of the control pressure.

IPC 1-7

G04C 3/00; **H01H 1/58**

IPC 8 full level

G04C 3/00 (2006.01); **G04G 21/00** (2010.01); **H01H 1/58** (2006.01); **H01H 13/14** (2006.01); **H05K 1/16** (2006.01)

CPC (source: EP KR US)

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Cited by

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AT CH DE FR GB IE IT LI NL SE

DOCDB simple family (publication)

EP 0845718 A1 19980603; **EP 0845718 B1 20000510**; AT E192858 T1 20000515; CN 1076512 C 20011219; CN 1188974 A 19980729; DE 69608286 D1 20000615; DE 69608286 T2 20010104; HK 1015070 A1 19991008; JP 4351302 B2 20091028; JP H10160869 A 19980619; KR 100495445 B1 20050929; KR 19980063592 A 19981007; SG 67445 A1 19990921; US 5774427 A 19980630

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