

Title (en)

Electrical switch having interdigitated and through poles.

Title (de)

Elektrischer Schalter mit ineinandergreifenden und überbrückenden Kontaktstellen.

Title (fr)

Commutateur électrique avec des plots de contact intercalés et court-circuités.

Publication

EP 0637830 A3 19950614 (EN)

Application

EP 94302841 A 19940421

Priority

US 9511393 A 19930720

Abstract (en)

[origin: EP0637830A2] An electrical switch is provided having first and second interdigitated poles and a through pole passing therebetween. Each of the first and second poles have multiple fingers spaced-apart and coplanar with one another. The through pole meanders through, is spaced-apart from and coplanar with the fingers of the other poles, and does not box in the other poles of the switch. In a keypad embodying an array of switches, the poles of each switch are connected to conductive traces that are brought out to an edge of the keypad. The traces are formed on one surface of the keypad. The through pole allows one or more of the poles of the switches in the keypad to be interconnected and brought to the edge of the keypad while remaining on the same surface of the keypad, thereby permitting the use of a single electrical connector for coupling the switches to other circuitry. <IMAGE>

IPC 1-7

H01H 13/70

IPC 8 full level

H01H 13/702 (2006.01)

CPC (source: EP)

H01H 13/702 (2013.01); **H01H 2203/02** (2013.01); **H01H 2203/042** (2013.01); **H01H 2225/006** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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