

Title (en)

Driving system for switches, particularly for relays

Title (de)

Antriebssystem für Schalter, insbesondere für Relais

Title (fr)

Système d'entraînement pour commutateurs, en particulier pour relais

Publication

EP 0831509 A3 19981209 (DE)

Application

EP 97114884 A 19970828

Priority

DE 19638716 A 19960921

Abstract (en)

[origin: EP0831509A2] The drive system has a pair of contact springs (2,3) which are displaced by a slider (7) between a closed and an open position, with the contact springs moved in opposite directions to one another. The contact springs are provided with respective contact pieces (5,6,) on their facing surfaces, at least one of the contact springs directly secured to the slider, which is operated via an energy converter (8), e.g. a ferroelectric piezoceramic.

IPC 1-7

H01H 50/64; **H01H 50/56**; **H01H 57/00**

IPC 8 full level

H01H 5/18 (2006.01); **H01H 50/00** (2006.01); **H01H 50/64** (2006.01); **H01H 3/00** (2006.01); **H01H 3/02** (2006.01); **H01H 50/56** (2006.01); **H01H 50/58** (2006.01); **H01H 55/00** (2006.01); **H01H 57/00** (2006.01)

CPC (source: EP US)

H01H 50/642 (2013.01 - EP US); **H01H 3/001** (2013.01 - EP US); **H01H 3/0253** (2013.01 - EP US); **H01H 50/56** (2013.01 - EP US); **H01H 50/58** (2013.01 - EP US); **H01H 55/00** (2013.01 - EP US); **H01H 57/00** (2013.01 - EP US)

Citation (search report)

- [Y] FR 2225826 A1 19741108 - ERICSSON TELEFON AB L M [SE]
- [Y] US 3902032 A 19750826 - KOEPKE JOHN A
- [A] FR 2116009 A5 19720707 - TAMURA ELECTRIC WORKS LTD
- [A] GB 190904270 A 19091021 - CONNER MERRIT SCOTT
- [A] DE 2726730 A1 19790104 - GRUNER WOLFGANG

Designated contracting state (EPC)

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DOCDB simple family (application)

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