

Title (en)

Multi I/O electromechanical micro switch

Title (de)

Elektromechanischer Multi I/O Mikroschalter

Title (fr)

Microcommutateur électromécanique à plusieurs voies

Publication

EP 2083432 A3 20110824 (EN)

Application

EP 08425699 A 20081031

Priority

IT RM20080029 A 20080121

Abstract (en)

[origin: EP2083432A2] Electrically driven micro switch that is able to actuate galvanic connections between input and output rheophores (here below called "pins") by realizing a complete connection matrix. The small size micro switch allows to connect a largely definable number of pins and is particularly suited to telephony applications, by featuring for each input and output a double polarity, that can be associated to the poles of a telephone wire pair; the connections are mechanically realized so that they are maintained indefinitely without energy consumption and with a near zero connection attenuation. Furthermore, the micro switch is realized in order to allow the association between more than one micro switches to define an unlimited size connection matrix. The invention belongs to the technical area of electro mechanics and to the application area of electromechanical devices manufacture.

IPC 8 full level

H01H 1/00 (2006.01); **H01H 3/26** (2006.01); **H01H 19/62** (2006.01); **H01H 19/64** (2006.01); **H01H 59/00** (2006.01)

CPC (source: EP)

H01H 3/264 (2013.01); **H01H 19/62** (2013.01); **H01H 19/64** (2013.01)

Citation (search report)

- [Y] US 3480745 A 19691125 - SITZ GILBERT CARL
- [Y] US 4866222 A 19890912 - CLARK THOMAS A [US], et al
- [Y] US 6831237 B1 20041214 - KRUEGEL ROY F [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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