

Title (en)

PRESSURE SENSITIVE MAT-SHAPED ELECTRIC SWITCH GEAR

Publication

**EP 0398844 A3 19920422 (DE)**

Application

**EP 90810348 A 19900509**

Priority

DE 3915989 A 19890517

Abstract (en)

[origin: EP0398844A2] The moving electrode of the switching device consists of a flexible contact fabric (1), which can be compressed, having conductive and non-conductive wires (2, 3). The conductive wires (2) extend in the one fabric direction and run at least approximately in a plane. In contrast, the non-conductive wires (3), which extend in the other fabric direction, are bent around the conductive wires (2) so that they hold the conductive wires (2) at a distance from a flat electrode (4) which rests on the contact fabric (1). By compressing the contact fabric (1), the conductive wires (2) are deformed in a flexible elastic manner, the backs of the waves produced thereon being passed onto the fabric surface and hence making contact with the flat electrode (4). <??>Such a switching device is distinguished by a simple construction and a small structural height.  
<IMAGE>

IPC 1-7

**H01H 3/14**

IPC 8 full level

**H01H 3/14** (2006.01); **H01H 13/16** (2006.01)

CPC (source: EP KR US)

**H01H 3/141** (2013.01 - EP US); **H01H 35/00** (2013.01 - KR); **H01H 2203/01** (2013.01 - EP US)

Citation (search report)

- [X] DE 8901047 U1 19890406
- [Y] FR 2090978 A5 19720114 - DATA APPLIANCE CORP
- [AD] US 3056005 A 19620925 - LARSON HARRY J
- [AD] GB 2142474 A 19850116 - ALPS ELECTRIC CO LTD

Cited by

DE19510617A1; EP3174077A1; US10060761B2

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AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

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