

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 13/16 (2006.01); **H01H 3/14** (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)
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• [Y] FR 2090978 A5 19720114 - DATA APPLIANCE CORP
• [AD] US 3056005 A 19620925 - LARSON HARRY J
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Designated contracting state (EPC)
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