

Title (en)
Contact membrane for key switches.

Title (de)
Kontaktmembrane für Tastschalter.

Title (fr)
Contact à membrane pour des boutons-poussoir.

Publication
EP 0405079 B1 19941228 (DE)

Application
EP 90107215 A 19900414

Priority
CH 244289 A 19890630

Abstract (en)
[origin: EP0405079A2] The contact membrane consists of a frame (1, 1') having a diametrically central longitudinal web (4). The frame (1, 1') and the central longitudinal web (4) bulge relatively towards one another such that the central longitudinal web (4) can be moved by exerting pressure (P) into either one of two sprung positions, one of which is provided as a quiescent position and the other for making contact with a fixed contact device of the switching element. Furthermore, the frame (1, 1') is provided with abutment points (5) for abutment on a wall part of the switching element. In order that a switch equipped with the contact element indicates a noticeable sense of switching when actuated by an operator, it is provided that there are two abutment points (8) arranged opposite the central longitudinal web (4) in the region of its longitudinal centre. <IMAGE>

IPC 1-7
H01H 13/38; **H01H 13/04**

IPC 8 full level
H01H 13/36 (2006.01); **H01H 5/20** (2006.01); **H01H 13/04** (2006.01); **H01H 13/38** (2006.01)

CPC (source: EP US)
H01H 13/04 (2013.01 - EP US); **H01H 13/38** (2013.01 - EP US)

Cited by
SG100707A1; EP0872863A3; EP2053622A3

Designated contracting state (EPC)
AT BE DE DK ES FR GB GR IT LU NL SE

DOCDB simple family (publication)
EP 0405079 A2 19910102; **EP 0405079 A3 19920603**; **EP 0405079 B1 19941228**; AT E116473 T1 19950115; CH 678240 A5 19910815; DE 59008109 D1 19950209; JP H0340320 A 19910221; US 5079394 A 19920107

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