

Title (en)
Membrane switches.

Title (de)
Membranschalter.

Title (fr)
Interrupteurs à membrane.

Publication
EP 0133817 A2 19850306 (EN)

Application
EP 84305404 A 19840808

Priority
GB 8321689 A 19830811

Abstract (en)
A membrane switch panel has a printed circuit base board (20) carrying bare copper electrical circuitry (26) and contacts (26 & 28). A flexible, non-elastomer, laminar membrane (22) overlays the board (20) and also carries a bare-copper contact (24). An electrically insulating spacer (3) is provided between the board (20) and the membrane, but it is provided with an opening to allow the contact (24) upon local depression of the membrane to bridge the contacts (26 & 28) in the base board (20). The membrane (22) is adhesively sealed to the base board (20) enclosing an atmosphere of limited tarnishing ability for the contacts (20, 26 & 28) to maintain a low contact resistance and allow non-precious metals to be used for contacts.

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H01H 13/70

IPC 8 full level
H01H 13/702 (2006.01); **H01H 13/785** (2006.01)

CPC (source: EP)
H01H 13/702 (2013.01); **H01H 13/785** (2013.01); **H01H 2201/026** (2013.01); **H01H 2201/03** (2013.01); **H01H 2207/02** (2013.01); **H01H 2209/032** (2013.01); **H01H 2209/076** (2013.01); **H01H 2229/002** (2013.01); **H01H 2229/008** (2013.01); **H01H 2229/016** (2013.01); **H01H 2229/028** (2013.01); **H01H 2229/038** (2013.01); **H01H 2239/008** (2013.01)

Cited by
FR2881091A1; FR2610470A1; BE1003249A3; US11222757B2

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