

Title (en)  
Membrane switch assembly.

Title (de)  
Membranschalteranordnung.

Title (fr)  
Ensemble d'interrupteurs à membrane.

Publication  
**EP 0150600 A2 19850807 (EN)**

Application  
**EP 84308746 A 19841214**

Priority  
US 56427883 A 19831222

Abstract (en)  
A membrane switch assembly (10) is comprised of spaced apart layers (12, 16) having corresponding patterns of conductive switch contacts (28, 28 min ) arranged in series thereon, the layers (12, 16) being separated by spacing means (20) having openings therein. The switch contacts (28, 28 min ) on each layer are spaced along a single conductive path (24, 24 min ) so that a regular unit value of impedance means exists between the switch contacts (28, 28 min ). When the electrical circuit is completed by closing a switch site, the resulting total impedance is essentially equal to the sum of the unit values of the impedance means along the circuit path formed by the closed switch.

IPC 1-7  
**H01H 13/70**

IPC 8 full level  
**H01H 13/712** (2006.01); **H01H 13/70** (2006.01); **H01H 13/702** (2006.01)

CPC (source: EP)  
**H01H 13/702** (2013.01); **H01H 2239/012** (2013.01); **H01H 2239/02** (2013.01); **H01H 2239/026** (2013.01)

Cited by  
EP0251670A3; US9120030B2; US4795897A; EP0375832A3; GB2226702A

Designated contracting state (EPC)  
BE DE FR GB IT NL

DOCDB simple family (publication)  
**EP 0150600 A2 19850807**; **EP 0150600 A3 19850918**; JP S60148019 A 19850805

DOCDB simple family (application)  
**EP 84308746 A 19841214**; JP 26166184 A 19841211