

Title (en)  
KEYBOARD ARRANGEMENT

Publication  
**EP 0123184 B1 19900314 (DE)**

Application  
**EP 84103841 A 19840406**

Priority  
• CH 210583 A 19830420  
• CH 552183 A 19831011  
• CH 610083 A 19831114

Abstract (en)  
[origin: US4536625A] Electrical switch keyboards comprise a one-piece mat made of resilient material laid in sealing engagement upon a frame within which switching elements are positioned to operate in conjunction with key portions of the mat. The mat is the uppermost layer of the keyboard and comprises the key portions connected by integral spring portions to frame positioning portions. Operation elements carried on integral extensions depending from the key portions of the mat function with the switching elements in the frame to produce switching currents upon actuation of the key portions.

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

IPC 8 full level  
**H01H 13/702** (2006.01); **H01H 13/80** (2006.01); **H01H 13/807** (2006.01)

CPC (source: EP US)  
**H01H 13/702** (2013.01 - EP US); **H01H 13/80** (2013.01 - EP US); **H01H 13/807** (2013.01 - EP US); **H01H 2201/006** (2013.01 - EP US); **H01H 2203/02** (2013.01 - EP US); **H01H 2209/014** (2013.01 - EP US); **H01H 2213/01** (2013.01 - EP US); **H01H 2215/008** (2013.01 - EP US); **H01H 2217/006** (2013.01 - EP US); **H01H 2219/002** (2013.01 - EP US); **H01H 2219/026** (2013.01 - EP US); **H01H 2219/04** (2013.01 - EP US); **H01H 2221/002** (2013.01 - EP US); **H01H 2221/012** (2013.01 - EP US); **H01H 2221/016** (2013.01 - EP US); **H01H 2221/026** (2013.01 - EP US); **H01H 2221/046** (2013.01 - EP US); **H01H 2221/056** (2013.01 - EP US); **H01H 2221/066** (2013.01 - EP US); **H01H 2223/002** (2013.01 - EP US); **H01H 2225/002** (2013.01 - EP US); **H01H 2229/042** (2013.01 - EP US); **H01H 2239/022** (2013.01 - EP US)

Cited by  
US4839474A; DE19757515C1; DE10237719B4; EP0729163A3; EP2261773A1; EP0313952A3; FR2647588A1; EP0337045A1; FR2602608A1; EP2732753A4; GB2301794A; GB2301794B; US5779230A; US5516991A; EP0486388A1; FR2669462A1; US6238771B1; WO8503595A1; WO9515000A1; WO2022221888A1; EP1430495B1

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**EP 84103841 A 19840406**; DE 3481670 T 19840406; US 59980184 A 19840413