

Title (en)  
Alphanumeric keyboard.

Title (de)  
Alphanumerische Tastatur.

Title (fr)  
Clavier alphanumérique.

Publication  
**EP 0368081 A1 19900516 (DE)**

Application  
**EP 89119862 A 19891025**

Priority  
DE 3838362 A 19881111

Abstract (en)  
[origin: WO9005372A1] An alphanumeric keyboard comprises a plurality of key-operated switches (14, 16) and a cover frame (22) which covers the switches (14, 16) with dogs (24) for key rams (26) connected to key buttons (28) which fit onto the dogs (24). At least one key is associated with at least two switches (14, 16) and with a key button (28) which fits over at least two dogs (24). At least one ram (26) of these keys is mounted on the key button (28) and can be adjusted parallel to the direction of operation of the keys.

Abstract (de)  
Bei einer alphanumerischen Tastatur, umfassend eine Vielzahl von durch Tasten betätigbaren Schaltern (14, 16) und einen die Schalter (14, 16) überdeckenden Deckrahmen (22) mit Führungsansätzen (24) für Tastenstößel (26), die mit die Führungsansätze (24) übergreifenden Tastenknöpfen (28) verbunden sind, ist mindestens eine Taste mindestens zwei Schaltern (14, 16) zugeordnet mit einem mindestens zwei Führungsansätze (24) übergreifenden Tastenkopf (28), wobei mindestens ein Stößel (26) dieser Taste parallel zur Tastrichtung verstellbar an dem Tastenkopf (28) gelagert ist.

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

IPC 8 full level  
**H01H 13/14** (2006.01); **H01H 13/70** (2006.01); **H01H 13/705** (2006.01); **H01H 13/807** (2006.01); **H01H 3/12** (2006.01)

CPC (source: EP US)  
**H01H 13/705** (2013.01 - EP US); **H01H 13/807** (2013.01 - EP US); **H01H 3/122** (2013.01 - EP US); **H01H 2025/004** (2013.01 - EP US); **H01H 2217/036** (2013.01 - EP US); **H01H 2221/068** (2013.01 - EP US); **H01H 2221/078** (2013.01 - EP US); **H01H 2225/01** (2013.01 - EP US)

Citation (search report)  
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• [A] EP 0267541 A2 19880518 - SMK KK [JP]  
• [A] DE 7234411 U 19730104  
• [A] DE 2259052 A1 19740606 - BERKER GEB  
• [A] US 3523184 A 19700804 - VOGEL KARL  
• [Y] IBM TECHNICAL DISCLOSURE BULLETIN. vol. 31, no. 1, Juni 1988, NEW YORK US Seiten 47 - 49; Armonk: "Triangular toggle keys for touch-tone phones."  
• [A] IBM TECHNICAL DISCLOSURE BULLETIN. vol. 21, no. 12, Mai 1979, NEW YORK US Seiten 4962 - 4964; Bennet: "Digital joystick switch"

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Designated contracting state (EPC)  
ES

DOCDB simple family (publication)  
**DE 3838362 C1 19900111**; DE 58905713 D1 19931028; EP 0368081 A1 19900516; EP 0442910 A1 19910828; EP 0442910 B1 19930922; ES 2044232 T3 19940101; JP H03504782 A 19911017; US 5204511 A 19930420; WO 9005372 A1 19900517

DOCDB simple family (application)  
**DE 3838362 A 19881111**; DE 58905713 T 19891025; EP 8901274 W 19891025; EP 89119862 A 19891025; EP 89912100 A 19891025; ES 89912100 T 19891025; JP 51116289 A 19891025; US 68893491 A 19910610