

Title (en)

Keyboard with simplified switching pad and fixation device

Title (de)

Tastatur mit vereinfachter Schaltmatte samt Fixiervorrichtungen

Title (fr)

Clavier à natte de commutation simplifiée et dispositif de fixation

Publication

EP 0758791 A3 19970917 (DE)

Application

EP 96110921 A 19960705

Priority

DE 19529492 A 19950810

Abstract (en)

[origin: EP0758791A2] The keyboard is formed with a frame 6 that has a pattern of guide bushes 6 that each receive a pushbutton key 7. The metal base 2 of the keyboard 4 has a switching foil 3 that consists of two contact foils separated by a gap. Located on top of this is an actuator foil mat 5 with a stabilising plate 15 and is formed with dome elements 10 having centre projections 11. When a key is pressed the dome deflects to bring the projection into contact with the switching foil. The actuator foil is made in an elastomer material.

IPC 1-7

H01H 13/70

IPC 8 full level

H01H 13/70 (2006.01); **H01H 13/702** (2006.01)

CPC (source: EP US)

H01H 13/702 (2013.01 - EP US); **H01H 2215/008** (2013.01 - EP US); **H01H 2215/012** (2013.01 - EP US); **H01H 2229/024** (2013.01 - EP US); **H01H 2229/034** (2013.01 - EP US); **H01H 2229/042** (2013.01 - EP US)

Citation (search report)

- [A] GB 2208039 A 19890215 - HARBORO RUBBER COMPANY LIMITED
- [A] AT 389398 B 19891127 - STERNER FRANZ [AT]

Cited by

DE10221315A1; DE102009054506A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 19529492 A1 19970213; DE 59608483 D1 20020131; EP 0758791 A2 19970219; EP 0758791 A3 19970917; EP 0758791 B1 20011219; US 5738450 A 19980414

DOCDB simple family (application)

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