

Title (en)  
PUSH BUTTON

Publication  
**EP 0134509 A3 19870506 (DE)**

Application  
**EP 84108321 A 19840714**

Priority  
DE 3329698 A 19830817

Abstract (en)  
[origin: US4580022A] An improved key for typing keyboards or other terminal keyboards, which is substantially larger than the other keys and large compared with the contact to be actuated. In order to avoid tilting during out-of-center pressing, two shears are provided as a guiding means between the mobile and the immobile key parts. The shears are comprised of two frame parts pivoted about axes which are held aligned flush with each other. The shear arms provide four support points at their top free ends which enclose a rectangular surface which is practically congruent with the touch surface.

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

IPC 8 full level  
**H01H 13/20** (2006.01); **H01H 3/12** (2006.01); **H01H 13/12** (2006.01); **H01H 13/70** (2006.01)

CPC (source: EP US)  
**H01H 3/125** (2013.01 - EP US)

Citation (search report)

- [A] EP 0046575 A2 19820303 - SIEMENS AG [DE]
- [A] US 3720801 A 19730313 - YANAGA M
- [A] US 3916150 A 19751028 - ABERNETHY LYNN W, et al
- [A] FR 2195832 A1 19740308 - OAK INDUSTRIES INC [US]
- [A] DE 1227976 B 19661103 - CALOR EMAG ELEKTRIZITAETS AG
- [XP] US 4433225 A 19840221 - COWLES DEAN S [US]

Cited by  
FR2706647A1; EP0295437A3; US5278371A; EP0490023A1; EP2323149A4; US5280147A; EP0543649A3; EP0935267A1; US6011227A; US5278374A; EP0564230A1; US5329084A; US5278372A

Designated contracting state (EPC)  
AT BE CH FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0134509 A2 19850320; EP 0134509 A3 19870506; EP 0134509 B1 19891011**; AT E47249 T1 19891015; DE 3329698 A1 19850307; DE 3329698 C2 19880128; JP H0415967 B2 19920319; JP S6062017 A 19850410; US 4580022 A 19860401

DOCDB simple family (application)  
**EP 84108321 A 19840714**; AT 84108321 T 19840714; DE 3329698 A 19830817; JP 16947084 A 19840815; US 64145084 A 19840816