

Title (en)  
DECOUPLED PUSH KEYS

Title (de)  
ENTKOPPELTE DRUCKTASTEN

Title (fr)  
BOUTONS-POUSOIRS DECOUPLES

Publication  
**EP 1238402 A1 20020911 (DE)**

Application  
**EP 00981318 A 20001129**

Priority  
• DE 19957643 A 19991130  
• EP 0011939 W 20001129

Abstract (en)  
[origin: US6982389B2] A pushbutton configuration includes at least two neighboring pushbuttons, connecting webs, and spring legs. The connecting webs are in the form of constricted film hinges. The length of the connecting webs is, preferably, 3 to 10 mm, the width of the connecting webs is 0.5 to 2 mm, and the thickness of the connecting webs at their ends is 0.5 to 1.5 mm and at their constricted center is 0.15 to 1 mm, but, in any event, less than at their ends. The pushbutton configuration is preferably formed in one piece from readily flowing polyacetal, which has a high rigidity and restoring elasticity.

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

IPC 8 full level  
**H01H 13/14** (2006.01); **H01H 13/70** (2006.01); **H01H 13/702** (2006.01)

CPC (source: EP US)  
**H01H 13/702** (2013.01 - EP US); **H01H 2221/044** (2013.01 - EP US); **H01H 2221/054** (2013.01 - EP US)

Cited by  
US7754248B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**US 2003010610 A1 20030116**; **US 6982389 B2 20060103**; AT E253254 T1 20031115; AU 1860701 A 20010612; BR 0015972 A 20020716; CN 1218338 C 20050907; CN 1402877 A 20030312; DE 19957643 A1 20010531; DE 50004279 D1 20031204; EP 1238402 A1 20020911; EP 1238402 B1 20031029; JP 2003515904 A 20030507; NZ 519149 A 20030328; PL 355681 A1 20040504; TR 200201321 T2 20021121; WO 0141169 A1 20010607; YU 36402 A 20040512

DOCDB simple family (application)  
**US 15827402 A 20020530**; AT 00981318 T 20001129; AU 1860701 A 20001129; BR 0015972 A 20001129; CN 00816409 A 20001129; DE 19957643 A 19991130; DE 50004279 T 20001129; EP 0011939 W 20001129; EP 00981318 A 20001129; JP 2001542346 A 20001129; NZ 51914900 A 20001129; PL 35568100 A 20001129; TR 200201321 T 20001129; YU P36402 A 20001129