

Title (en)  
Microswitch

Title (de)  
Mikroschalter

Title (fr)  
Microcommutateur

Publication  
**EP 1750291 A1 20070207 (DE)**

Application  
**EP 06013557 A 20060630**

Priority  
DE 102005037613 A 20050805

Abstract (en)  
A microswitch (1) comprises a housing (2) in which two conducting paths (3) and a supported spring element (11) are arranged. The spring element is formed as a plate (12). A detachable switching dome is formed on an area of the plate around the centre of the conducting path. A switching dome (13) is movable through the levels formed on the plate. The two opposite shaped parts (19) are provided at plates which run away laterally in the levels formed by the plate.

IPC 8 full level  
**H01H 13/48** (2006.01)

CPC (source: EP)  
**H01H 13/48** (2013.01)

Citation (applicant)  
DE 19816956 C1 19991007 - INOVAN STROEBE [DE]

Citation (search report)  
• [XY] EP 0926618 A1 19990630 - ITT MFG ENTERPRISES INC [US]  
• [X] US 2004074754 A1 20040422 - OKITA MASAO [JP], et al  
• [Y] WO 2005020260 A1 20050303 - MARQUARDT GMBH [DE], et al  
• [Y] US 5343008 A 19940830 - IPCINSKI RALPH G [US]  
• [Y] DE 2531841 A1 19770120 - SCHADOW RUDOLF GMBH  
• [Y] FR 2841037 A1 20031219 - ITT MFG ENTERPRISES INC [US]  
• [Y] DE 19700669 A1 19970724 - ALPS ELECTRIC CO LTD [JP]  
• [A] US 5245147 A 19930914 - KOBAYASHI MASATO [JP]  
• [A] US 5726400 A 19980310 - MASUDA MASAZI [JP]

Cited by  
EP3244430A1; DE102007062907B3; CN102403151A; EP2431990A3; US8598478B2; EP2894650A1; EP3734629A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1750291 A1 20070207; EP 1750291 B1 20080507**; AT E394785 T1 20080515; DE 102005037613 A1 20070208;  
DE 502006000737 D1 20080619; DK 1750291 T3 20080825; ES 2306331 T3 20081101

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DK 06013557 T 20060630; ES 06013557 T 20060630