

Title (en)
MICROMECHANICAL SWITCH

Title (de)
MIKROMECHANISCHER SCHALTER

Title (fr)
COMMUTATEUR MICROMECHANIQUE

Publication
EP 1529297 A1 20050511 (DE)

Application
EP 03709654 A 20030225

Priority
• DE 0300592 W 20030225
• DE 10235369 A 20020802

Abstract (en)
[origin: DE10235369A1] The micromechanical switch has an inertia mass (1) acted on by a spring element (2) and displaced against the force of the spring element by an acceleration force for contacting a contact element (3). The spring element maintains the inertia mass at a relative spacing from the contact element until a given deflection of the spring element, with the inertia mass and the contact element moving in common upon this deflection being exceeded.

IPC 1-7
H01H 1/00; H01H 35/14

IPC 8 full level
B81B 3/00 (2006.01); **H01H 1/00** (2006.01); **H01H 35/14** (2006.01)

CPC (source: EP US)
H01H 1/0036 (2013.01 - EP US); **H01H 35/14** (2013.01 - EP US)

Citation (search report)
See references of WO 2004019357A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
DE 10235369 A1 20040219; EP 1529297 A1 20050511; EP 1529297 B1 20110518; JP 2005535100 A 20051117; JP 4327722 B2 20090909; US 2005173233 A1 20050811; US 7081592 B2 20060725; WO 2004019357 A1 20040304

DOCDB simple family (application)
DE 10235369 A 20020802; DE 0300592 W 20030225; EP 03709654 A 20030225; JP 2004529671 A 20030225; US 51797804 A 20041215