

Title (en)
MICROSYSTEM WITH ELECTROMAGNETIC CONTROL

Title (de)
MIKROSYSTEM MIT ELEKTROMAGNETISCHER STEUERUNG

Title (fr)
MICROSYSTEME A COMMANDE ELECTROMAGNETIQUE

Publication
EP 1836714 A1 20070926 (FR)

Application
EP 06700703 A 20060106

Priority
• EP 2006050074 W 20060106
• FR 0550085 A 20050110

Abstract (en)
[origin: US7724111B2] A microsystem, including a magnetic microactuator, with a mobile element supported by a substrate and controlled by magnetic effect between a first position and a second position for switching at least one electric circuit. A permanent magnet or a solenoid subjects the mobile element to a first uniform magnetic field to hold the mobile element in the first position. An energizing coil external to the substrate, on energizing, subjects the mobile element to a second magnetic field to move the mobile element from the first position to the second position, the energizing coil being of solenoid type and surrounding the substrate supporting the mobile element.

IPC 8 full level
H01H 50/00 (2006.01)

CPC (source: EP KR US)
H01H 1/0036 (2013.01 - KR); **H01H 50/005** (2013.01 - EP KR US); **H01H 2036/0093** (2013.01 - KR); **H01H 2050/007** (2013.01 - EP KR US)

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