

Title (en)
Dual-actuation-mode control device

Title (de)
Steuerungsvorrichtung mit zwei verschiedenen Betätigungsarten

Title (fr)
Dispositif de commande à double mode d'actionnement

Publication
EP 2085987 B1 20150304 (FR)

Application
EP 09150415 A 20090113

Priority
FR 0850574 A 20080130

Abstract (en)
[origin: EP2085987A1] The device has a fixed permanent magnet (10), and a microswitch e.g. micro-electro mechanical system, with a ferromagnetic membrane (20) driven between stable states. A mobile permanent magnet (11) is actuated between a position, in which the mobile and fixed magnets form a uniform permanent magnetic field to maintain the membrane in one of the states, and another position, in which the mobile magnet controls switchover of the membrane. A planar excitation coil (4) creates a temporary magnetic field to allow switchover of the membrane, when the mobile magnet is in former position.

IPC 8 full level
H01H 1/00 (2006.01); **H01H 36/00** (2006.01); **H01H 50/00** (2006.01)

CPC (source: EP US)
H01H 1/0036 (2013.01 - EP US); **H01H 36/00** (2013.01 - EP US); **H01H 50/005** (2013.01 - EP US); **H01H 2001/0042** (2013.01 - EP US); **H01H 2036/0093** (2013.01 - EP US); **H01H 2050/007** (2013.01 - EP US)

Designated contracting state (EPC)
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EP 09150415 A 20090113; FR 0850574 A 20080130; US 35853809 A 20090123