

Title (en)

ELECTRONIC APPARATUS WITH A MICROELECTROMECHANICAL SWITCH MADE OF A PIEZOELECTRIC MATERIAL

Title (de)

ELEKTRONISCHES GERÄT MIT EINEM MIKRO-ELEKTROMECHANISCHEN SCHALTER AUS PIEZOELEKTRISCHEM MATERIAL

Title (fr)

APPAREIL ELECTRONIQUE AVEC UN COMMUTATEUR MICROELECTROMECHANIQUE EN MATERIAU PIEZO-ELECTRIQUE

Publication

**EP 1706883 A1 20061004 (DE)**

Application

**EP 04806609 A 20041221**

Priority

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Abstract (en)

[origin: WO2005064634A1] An electronic apparatus contains a micro-electromechanical switch (MEMS) which comprises a piezoelectric element with a piezoelectric layer (12) between a first and a second electrode layers (11, 13), at least one of the electrode layers being structured into separate electrodes (41,42,43;51,52,53) that can be independently controlled.

IPC 8 full level

**H01H 57/00** (2006.01); **H01L 41/09** (2006.01); **H01L 41/257** (2013.01); **H01H 1/00** (2006.01)

CPC (source: EP US)

**H01G 5/16** (2013.01 - EP US); **H01G 5/40** (2013.01 - EP US); **H01H 57/00** (2013.01 - EP US); **H01H 1/0036** (2013.01 - EP US); **H01H 2057/006** (2013.01 - EP US); **H10N 30/2041** (2023.02 - EP US)

Citation (search report)

See references of WO 2005064634A1

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