

Title (en)

ACCELEROMETER WITH REDUCED EXTRANEIOUS VIBRATIONS OWING TO IMPROVED RETURN MOVEMENT

Title (de)

BESCHLEUNIGUNGSMESSER MIT VERRINGERTER STÖRVIBRATION AUFGRUND VERBESSERTER RÜCKBEWEGUNG

Title (fr)

ACCELEROMETRE A VIBRATIONS PARASITES REDUITES PAR RAPPEL AMELIORE

Publication

EP 1664803 A1 20060607 (FR)

Application

EP 04786297 A 20040811

Priority

- FR 2004002125 W 20040811
- FR 0309901 A 20030813

Abstract (en)

[origin: FR2858854A1] The accelerometer has a fixed armature (2) that uses variations of capacitance to detect movement of a mobile plate (5). The plate has a set of mobile electrodes (4) that are inter-digital with a series of electrodes (3, 7) integrated with the fixed armature. An electronic circuit senses the variation of capacitance between the plate and armature and generates an electrostatic return force of the plate.

IPC 1-7

G01P 15/13; **G01P 15/125**

IPC 8 full level

G01P 15/125 (2006.01); **G01P 15/13** (2006.01)

CPC (source: EP NO US)

G01P 15/125 (2013.01 - EP NO US); **G01P 15/131** (2013.01 - EP NO US)

Citation (search report)

See references of WO 2005017538A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

FR 2858854 A1 20050218; **FR 2858854 B1 20051216**; CN 100570371 C 20091216; CN 1842710 A 20061004; EP 1664803 A1 20060607; JP 2007501939 A 20070201; JP 5269313 B2 20130821; NO 20061113 L 20060420; NO 339398 B1 20161212; US 2008092651 A1 20080424; US 7552638 B2 20090630; WO 2005017538 A1 20050224; WO 2005017538 A8 20050519

DOCDB simple family (application)

FR 0309901 A 20030813; CN 200480023191 A 20040811; EP 04786297 A 20040811; FR 2004002125 W 20040811; JP 2006523033 A 20040811; NO 20061113 A 20060308; US 54789904 A 20040811