Title (en)

MICROMECHANICAL ACCELERATION SENSOR

Title (de)

MIKROMECHANISCHER BESCHLEUNIGUNGSSENSOR

Title (fr)

CAPTEUR D'ACCÉLÉRATION MICROMÉCANIQUE

Publication

EP 2032994 A2 20090311 (DE)

Application

EP 07727925 A 20070410

Priority

- EP 2007053457 W 20070410
- DE 102006026880 A 20060609

Abstract (en)

[origin: WO2007141070A2] In a sensor having a centrifugal mass which can be displaced in the z direction and is in the form of a rocker (1), it is proposed, in order to avoid asymmetrical clipping, to provide a stop device (8), which shortens the possible displacement, on the side of the shorter lever arm (2) in the event of the rocker (1) having lever arms (2, 3) of different lengths or to provide at least one laterally arranged additional mass (11) on one lever arm (10) in the case of lever arms (9, 10) of the same length, with the result that the maximum mechanical displacement of the centrifugal mass is the same on both sides of the asymmetrical rocker (1).

IPC 8 full level

G01P 15/08 (2006.01); **G01P 15/125** (2006.01)

CPC (source: EP US)

B81B 3/0051 (2013.01 - EP US); **G01P 15/0802** (2013.01 - EP US); **G01P 15/125** (2013.01 - EP US); B81B 2201/0235 (2013.01 - EP US); G01P 2015/0831 (2013.01 - EP US)

Citation (search report)

See references of WO 2007141070A2

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