

Title (en)

SENSOR DEVICE AND METHOD FOR OPERATING A SENSOR DEVICE HAVING AT LEAST ONE SEISMIC MASS

Title (de)

SENSORVORRICHTUNG UND VERFAHREN ZUM BETREIBEN EINER SENSORVORRICHTUNG MIT MINDESTENS EINER SEISMISCHEN MASSE

Title (fr)

SYSTÈME DE CAPTEUR ET PROCÉDÉ POUR FAIRE FONCTIONNER UN SYSTÈME DE CAPTEUR COMPRENANT AU MOINS UNE MASSE SISMIQUE

Publication

**EP 3102910 A2 20161214 (DE)**

Application

**EP 15700735 A 20150121**

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Abstract (en)

[origin: WO2015117817A2] The invention relates to a sensor device, comprising at least one first seismic mass (10a) and an operating apparatus (14), by means of which at least the first seismic mass (10a) can be put into oscillatory motion in such a way that a projection of the oscillatory motion of the first seismic mass (10a) onto a first spatial direction (16a) is a first harmonic oscillation of the first seismic mass (10a) having a first frequency (F1) along the first spatial direction (16a), wherein at the same time a projection of the oscillatory motion of the first seismic mass (10a) onto a second spatial direction (16b) oriented at an angle to the first spatial direction (16a) is a second harmonic oscillation of the first seismic mass (10a) having a second frequency (f2) not equal to the first frequency (f1) along the second spatial direction (16b). The invention further relates to a method for operating a sensor device having at least one seismic mass (10a, 10b).

IPC 8 full level

**G01C 19/574** (2012.01)

CPC (source: EP KR US)

**G01C 19/5719** (2013.01 - US); **G01C 19/574** (2013.01 - EP KR US); **G01C 19/5747** (2013.01 - US); **G01D 21/02** (2013.01 - KR)

Citation (search report)

See references of WO 2015117817A2

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