

CORRECTED VERSION

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
18 April 2013 (18.04.2013)



(10) International Publication Number
WO 2013/054328 A8

- (51) International Patent Classification:
G01P 1/00 (2006.01) *G01P 1/02* (2006.01)
- (21) International Application Number:
PCT/IL2012/050389
- (22) International Filing Date:
24 September 2012 (24.09.2012)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
215656 10 October 2011 (10.10.2011) IL
- (71) Applicant: ISRAEL AEROSPACE INDUSTRIES LTD.
[IL/IL]; Ben-Gurion International Airport, 70100 Lod (IL).
- (72) Inventor: LEVY, Oren; 5 Inbar Street, 6085000 Shoham (IL).
- (74) Agent: REINHOLD COHN & PARTNERS; P.O. B. 13239, 61131 Tel-Aviv (IL).
- (81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,

HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- of inventorship (Rule 4.17(iv))

Published:

- with international search report (Art. 21(3))

[Continued on next page]

(54) Title: ACCELEROMETER

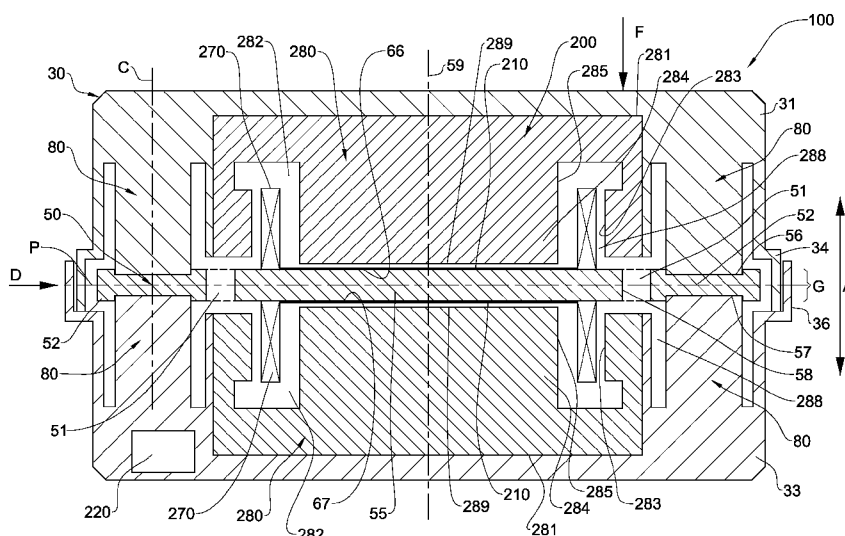


FIG. 1

(57) Abstract: An accelerometer for sensing acceleration along a sensing axis, includes a flexure member (having a pendulum member pivotably connected to a support member via a hinge arrangement), a housing, and at least one mounting structure configured for clamping the support member to the housing in load bearing contact while concurrently allowing for differential movement between the support member and the housing. Also disclosed are a corresponding housing member for use with a flexure member of an accelerometer, and a flexure member for use with a housing of an accelerometer.



(48) Date of publication of this corrected version:

11 July 2013

(15) Information about Correction:

see Notice of 11 July 2013