



(51) International Patent Classification:
A61B 5/07 (2006.01)

(21) International Application Number:
PCT/US2014/030661

(22) International Filing Date:
17 March 2014 (17.03.2014)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/786,793 15 March 2013 (15.03.2013) US
14/129,725 21 February 2014 (21.02.2014) US

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(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, IR, IS, JP, KE, KG, 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, SA, 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,

[Continued on next page]

(54) Title: PRESSURE SENSING IMPLANT

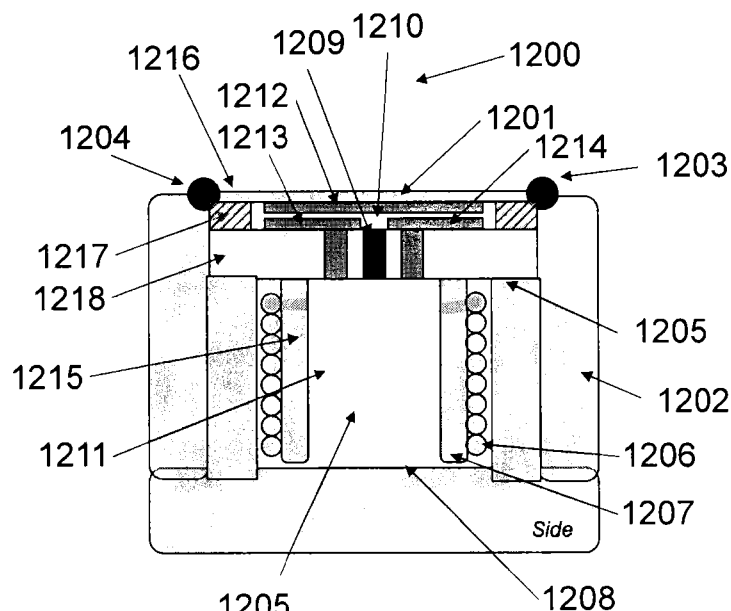


Fig 12

(57) Abstract: A wireless circuit includes a housing having at least one opening, and sensor connected to the housing at the opening. The sensor includes a first layer having a first dimension and a second layer having a second dimension shorter than the first dimension. The second layer may be positioned entirely within the housing and a surface of said first layer may be exposed to an exterior of the housing.



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, KM, ML, MR, NE, SN, TD, TG).

— *with information concerning one or more priority claims
considered void (Rule 26bis.2(d))*

(88) Date of publication of the international search report:

17 December 2015

Published:

— *with international search report (Art. 21(3))*

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US14/30661

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A61B 5/07 (2014.01)

USPC - 600/302; CPC: A61B 5/07, 5/6861

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8) Classification(s): A61B 5/07, 5/1473; H01L 29/84 (2014.01)

USPC Classification(s): 600/302; CPC Classification(s): A61B 5/07, 5/0215, 5/6861; G01L 13/025, 19/0038

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

MicroPatent (US Granted, US Applications, EP-A, EP-B, WO, JP, DE-G, DE-A, DE-T, DE-U, GB-A, FR-A); Google; Google Scholar; ProQuest; IP.com; keywords: pressure, sensor, glass, silicon, capacitive, hermetical, coil, electrical, sensor, blood

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CA 2840645 A1 (ROWLAND H) January 3, 2013; figures 5A, 5B; paragraph [0048]; claims 3, 16	1-5, 9-15
X	US 7,763,487 B2 (VILLA F F et al.) July 27, 2010; figures 1, 2; column 1, lines 10-15, 40-60	1, 6-8
X	US 5,454,270 A (BROWN C H et al.) October 3, 1995; entire document	1
A	US 7,401,521 B2 (BELLINI P et al.) July 22, 2008; entire document	1-15
A	US 8,132,465 B1 (DOELLE M B et al.) March 13, 2012; entire document	1-15

☐ Further documents are listed in the continuation of Box C.


* Special categories of cited documents:

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"&" document member of the same patent family

Date of the actual completion of the international search

18 August 2014 (18.08.2014)

Date of mailing of the international search report

17 SEP 2015

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