

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
25 September 2008 (25.09.2008)

PCT

(10) International Publication Number
WO 2008/115346 A3

- (51) **International Patent Classification:**
GOIL 9/00 (2006.01) GOIL 19/14 (2006.01)
GOIL 19/00 (2006.01)
- (21) **International Application Number:**
PCT/US2008/002849
- (22) **International Filing Date:** 4 March 2008 (04.03.2008)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
11/724,618 15 March 2007 (15.03.2007) 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, **BR**, BW, BY, BZ, CA, CH, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, 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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) **Title:** WELDED HEADER FOR PRESSURE TRANSMITTER

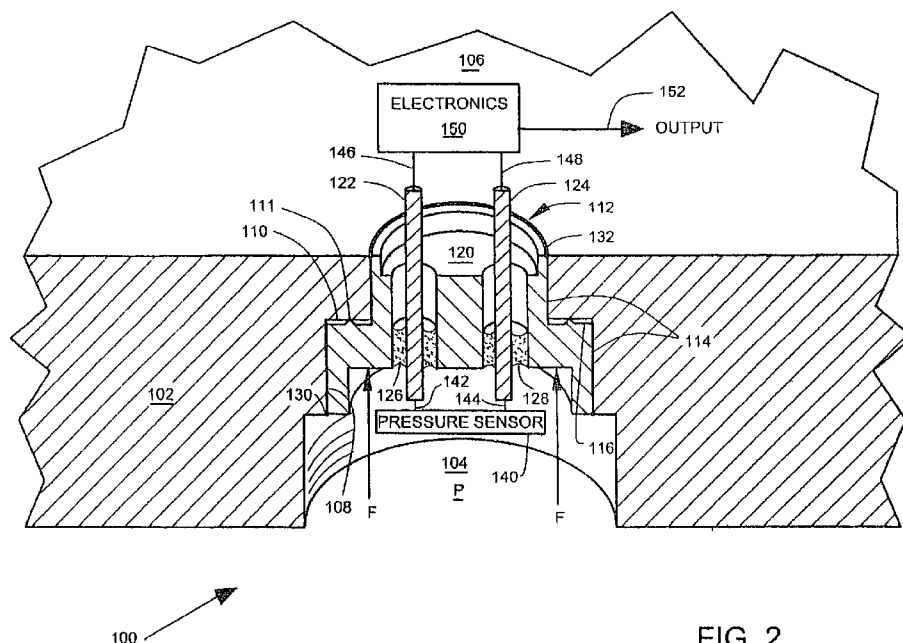


FIG. 2

(57) **Abstract:** A pressure transmitter (100) comprises a metal wall (102) separating a process pressure chamber (104) from an electronics compartment (106). The metal wall (102) has a stepped bore (108) with a bore shelf (110) facing the process pressure chamber (104). A metal header (112) has a stepped outer rim (114) with a header shelf that contacts the bore shelf. The metal header (112) includes at least one electrical feedthrough (122, 124) with a glass-to-metal seal (126, 128) adjacent the stepped outer rim (114). A welded seal (130) seals the stepped outer rim to the stepped bore.



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

20 November 2008

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2008/002849

A. CLASSIFICATION OF SUBJECT MATTER

INV. G01L9/00 G01L19/00 G01L19/14

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)

GOIL

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 practical, search terms Used)

EPO-Internal , WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 4 675 643 A (TANNER RENE ET AL) 23 June 1987 (1987-06-23) abstract figures 2,3,8,10,11 column 4, line 50 - column 5, line 7 column 6, lines 20-47 column 7, lines 12-23 column 8, line 56 - column 9, line 37 column 9, line 56 - column 10, line 21 -----	1-28
X	US 4 612 227 A (LAM KEN ET AL) 16 September 1986 (1986-09-16) abstract figure 1 columns 1-2 ----- -/-	1-28

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☒ See patent family annex.

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Date of the actual completion of the international search

8 August 2008

Date of mailing of the international search report

22/09/2008

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INTERNATIONAL SEARCH REPORT

International application No

PCT/US2008/002849

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 4 994 781 A (SAHAGEN ARMEN N) 19 February 1991 (1991-02-19) abstract figures 1,2,6 column 5, line 9 - column 6, line 16 -----	1-28

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2008/002849

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