



- | | |
|---|---|
| (51) International Patent Classification:
<i>E21B 47/005</i> (2012.01) <i>E21B 33/064</i> (2006.01) | (71) Applicant: CAMERON INTERNATIONAL CORPORATION [US/US]; 1333 West Loop South, Suite 1700, Houston, Texas 77027 (US). |
| (21) International Application Number:
PCT/US2013/068749 | (72) Inventors: JAFFREY, Andrew; Meldrum Manse, Urquhart Road, Oldmeldrum Aberdeenshire AB51 0AD (GB). DAVIES, Jon; 4646 West Sam Houston Parkway North, Houston, Texas 77041 (US). |
| (22) International Filing Date:
6 November 2013 (06.11.2013) | |
| (25) Filing Language: English | |
| (26) Publication Language: English | (74) Agents: ROSE, Collin A. et al.; Chamberlain, Hrdlicka, White, Williams & Aughtry, 1200 Smith Street, 14th Floor, Houston, Texas 77002 (US). |
| (30) Priority Data:
13/671,777 8 November 2012 (08.11.2012) US | (81) Designated States (<i>unless otherwise indicated, for every kind of national protection available</i>): 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, |

[Continued on next page]

- (54) Title: MEASUREMENT SYSTEM

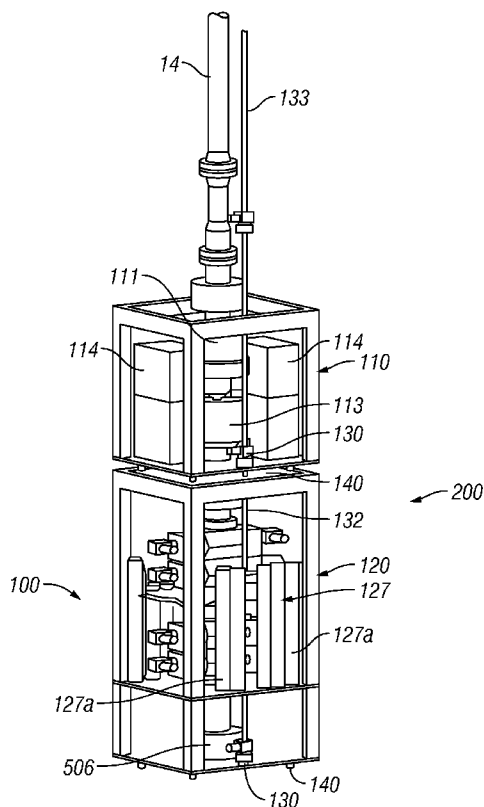
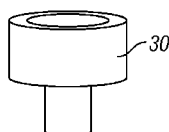


FIG. 3



- (57) Abstract:** A measurement system including a container including an element moveable within an internal volume of the container. A sensor wirelessly measures the position of the element within the container and transmits the measured position information. Also included is an information system capable of reading the position information from the sensor.



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.

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

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH,

Published:

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