



- (51) International Patent Classification:
E21B 33/03 (2006.01) *F16L 21/02* (2006.01)
- (21) International Application Number:
PCT/US2013/056075
- (22) International Filing Date:
22 August 2013 (22.08.2013)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
13/596,544 28 August 2012 (28.08.2012) US
- (71) Applicant: **VETCO GRAY INC.** [US/US]; 4424 West Sam Houston Pkwy North, Suite 100, Houston, TX 77041 (US).
- (72) Inventors: **HOANG, Chau**; 4424 Sam Houston Parkway North, Suite 100, Houston, TX 77041 (US). **DUONG, Khanh, Anh**; 4424 Sam Houston Parkway North, Suite 100, Houston, TX 77041 (US). **MOORE, William, Ryan**; 4424 Sam Houston Parkway North, Suite 100, Houston, TX 77041 (US). **PARFREY, Karl, A.**; 4424 Sam Houston

Parkway North, Suite 100, Houston, TX 77041 (US). **GRIFFIN, Clayton**; 4424 Sam Houston Parkway North, Suite 100, Houston, TX 77041 (US).

(74) Agents: **DOMBROWSKI, Joanna, M.** et al.; General Electric Company, Global Patent Operation, 2 Corporate Drive, Suite 648, Shelton, CT 06484 (US).

(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, 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,

[Continued on next page]

(54) Title: SEAL ASSEMBLY FOR A CASING HANGER

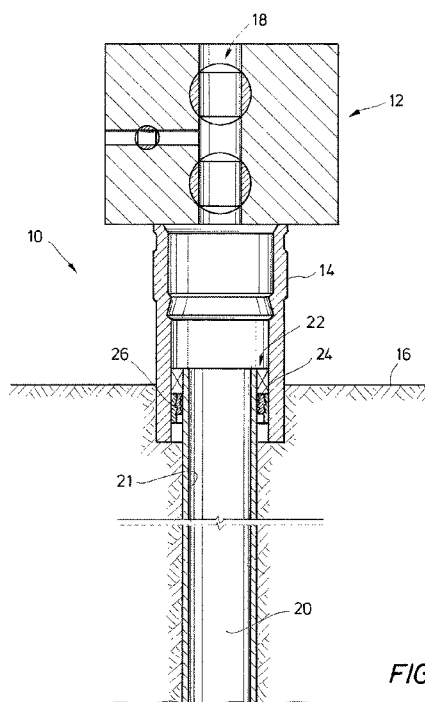


FIG. 1

(57) Abstract: [0019] A seal assembly 22 for use with a casing hanger 24 that includes a pair of split rings 28, 32 held together by a threaded fastener 38. Torqueing the fastener 38 axially compresses one of the rings 28, 32 so that it expands radially inward into sealing engagement with a wall of wellbore 46 casing, and radially outward against an inner wall of a wellhead housing 14. Support grommets 50 are provided where the fastener 38 enters and exits the compressible ring 32. Protrusions 52 on a side of the support grommets 50 project into the compressible ring 32 and create a sealing interface between each support grommet 50 and compressible ring 32. O-rings 56 line inner circumferences of the support grommets 50 to seal between the support grommets 50 and fasteners 38. A threaded end on a lower end of the fastener 38 has a diameter less than an inner diameter of the O-rings 56 to prevent damaging the O-rings 56 during assembly.



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).

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Published:

— *without international search report and to be republished upon receipt of that report (Rule 48.2(g))*

Declarations under Rule 4.17:

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