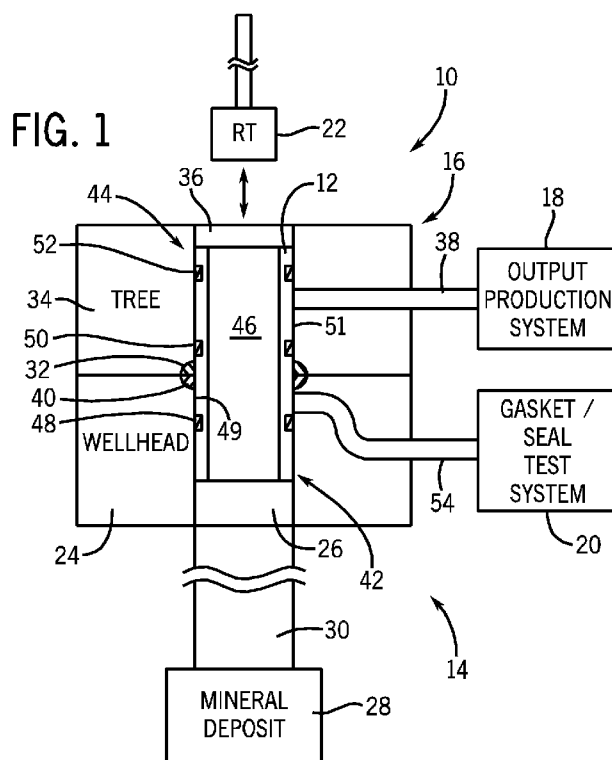




- (51) International Patent Classification:
E21B 17/10 (2006.01)
- (21) International Application Number:
PCT/US2011/033289
- (22) International Filing Date:
20 April 2011 (20.04.2011)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
61/411,418 8 November 2010 (08.11.2010) US
13/090,880 20 April 2011 (20.04.2011) US
- (71) Applicant (for all designated States except US): CAMERON INTERNATIONAL CORPORATION [US/US];
1333 W Loop South, Suite 1700, Houston, TX 77027 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): BHAT, Venkatesh [IN/US]; 10225 Wortham Blvd., #16208, Houston, TX 77065 (US).
- (74) Agent: SWANSON, Tait, R.; Fletcher Yoder PC, P.O. Box 692289, Houston, TX 77269-2289 (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, 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, PE, PG, PH, PL, PT, RO, RS, RU, 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, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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).

[Continued on next page]

(54) Title: GASKET TEST PROTECTOR SLEEVE FOR SUBSEA MINERAL EXTRACTION EQUIPMENT



(57) Abstract: A gasket test protector sleeve (12) is provided for subsea mineral extraction equipment (10). The gasket test protector sleeve includes a gasket test isolation portion. The gasket test isolation portion is configured to isolate a gasket between a first tubular (14) and a second tubular (16) of a subsea mineral extraction system. The bore protection portion is configured to protect a first bore of the first tubular during downhole procedures.

**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

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

6 December 2012

Published:

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