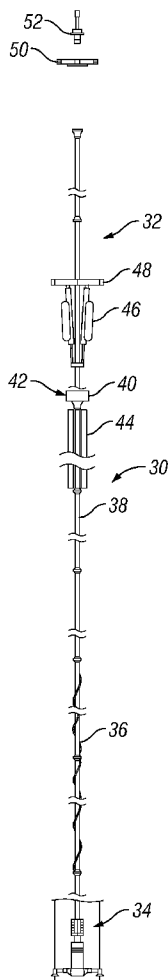




- (51) International Patent Classification:
E21B 17/07 (2006.01) *E21B 7/132* (2006.01)
E21B 19/09 (2006.01)
- (21) International Application Number:
PCT/US2013/029101
- (22) International Filing Date:
5 March 2013 (05.03.2013)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
61/606,822 5 March 2012 (05.03.2012) US
13/785,083 5 March 2013 (05.03.2013) US
- (71) Applicant: CAMERON INTERNATIONAL CORPORATION [US/US]; 1333 West Loop South, Suite 1700, Houston, Texas 77027 (US).
- (72) Inventors: CAIN, David; 4646 West Sam Houston Parkway, North, Houston, Texas 77041 (US). PUCCIO, William, F.; 4646 West Sam Houston Parkway North, Houston, Texas 77041 (US). CHOU, Shian Jiun; 4646 West Sam Houston Parkway, North, Houston, Texas 77041 (US).
- (74) Agent: ROSE, Collin, A.; Chamberlain, Hrdlicka, White, Williams & Aughtry, 1200 Smith Street, 14th Floor, Houston, Texas 77002 (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,

[Continued on next page]

(54) Title: FLOATING STRUCTURE AND RISER SYSTEMS FOR DRILLING AND PRODUCTION



(57) Abstract: An offshore well system for a subsea well, including a floating platform, a drilling riser system connected with the well for drilling operations, and a production riser system connected with the well for production operations. The drilling system also includes a riser tension system. The riser tension system is capable of compensating for movement of the platform while adequately tensioning both drilling riser system and the production riser system when each are connected to the well.





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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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, ML, MR, NE, SN, TD, TG).

Published:

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

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