



(43) International Publication Date
12 September 2013 (12.09.2013)

(51) International Patent Classification:

E21B 17/06 (2006.01) *E21B 4/06* (2006.01)
E21B 17/02 (2006.01)

(21) International Application Number:

PCT/US2012/027797

(22) International Filing Date:

6 March 2012 (06.03.2012)

(25) Filing Language:

English

(26) Publication Language:

English

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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, 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, 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.

(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, 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).

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(54) Title: SAFETY JOINT WITH NON-ROTATIONAL ACTUATION

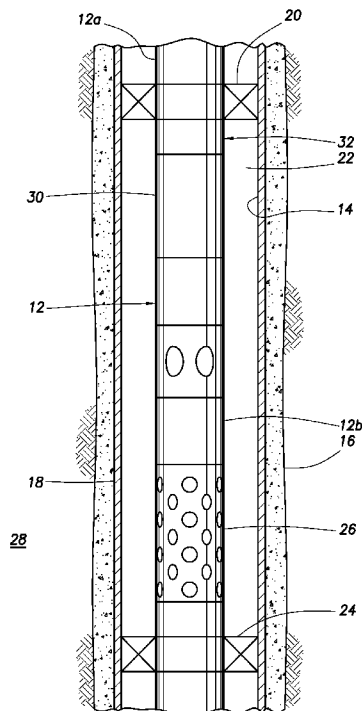


FIG. 1

(57) Abstract: A method of releasing a safety joint in a subterranean well can include disconnecting a tubular string at the safety joint without rotation of the tubular string. A safety joint for use in a subterranean well can include sections which are separated from each other in response to a predetermined number of relative longitudinal and non-rotational displacements between the safety joint sections. Another method of releasing a safety joint in a subterranean well can include fully actuating a jar multiple times, the jar being interconnected in a same tubular string with the safety joint, and then disconnecting the tubular string at the safety joint in response to non-rotational displacement of the tubular string.

**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *of inventorship (Rule 4.17(iv))*

Published:

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