



- (51) International Patent Classification:
E21B 33/06 (2006.01)
- (21) International Application Number:
PCT/US2013/066413
- (22) International Filing Date:
23 October 2013 (23.10.2013)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
61/717,459 23 October 2012 (23.10.2012) US
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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, 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, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,

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(54) Title: ADVANCED BLOW-OUT PREVENTER

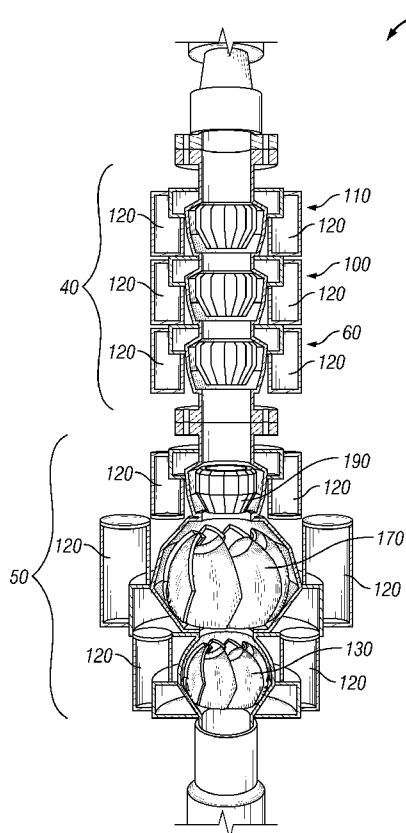


FIG. 2

(57) Abstract: An advanced blowout preventer that includes an arrester section and a shear section. The arrester section includes a number or arrester rings that are shaped to extend downwardly. The shape of the arrester rings allows the force of gas flowing out of the well to assist in closing the rings. The arrester section may have a number of arrester rings that cooperate to significantly reduce fluid from flowing in the annulus between a section of drill pipe and the blowout preventer. The advanced blowout preventer may also include a shear section. The shear section is configured to engage and shear a section of pipe using induction.



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.

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).

Published:

(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, 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,

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