



- (51) International Patent Classification:
E21B 33/06 (2006.01) *E21B 33/064* (2006.01)
- (21) International Application Number:
PCT/US2013/058165
- (22) International Filing Date:
5 September 2013 (05.09.2013)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
13/606,363 7 September 2012 (07.09.2012) US
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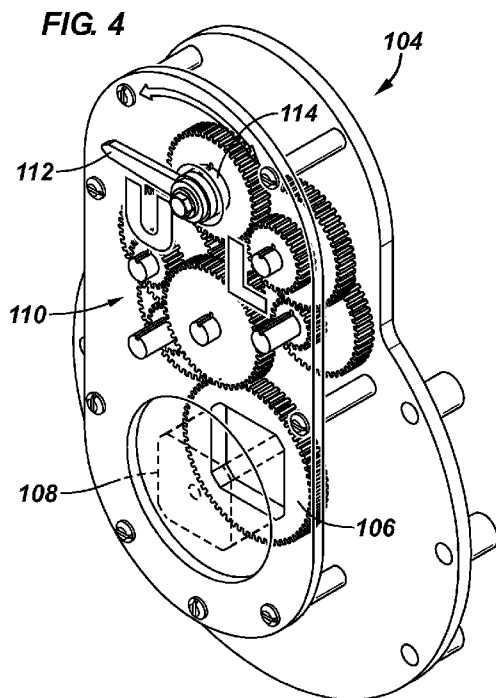
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, 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, 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).

Published:

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

(54) Title: BLOWOUT PREVENTER STATUS ASSEMBLY



(57) Abstract: A status assembly to provide visual and electronic indication of the position (open, closed, in-between) of the ram of a ram-type blowout preventer (BOP). The assembly is capable of coupling with a hydraulic motor that can be used to open and close the ram locks. The status assembly includes a rotatable element protruding from the BOP, a gear rotatable by the rotatable element, and an indicator that indicates the rotation position of the rotatable element and thus the linear position of the BOP ram. Some embodiments can also include a sensor that outputs an electronic signal to the system operator and can be incorporated into the main display for the BOP control system. This device is able to give immediate feedback to operators and to indicate whether each ram has achieved its intended travel.