(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
14 March 2013 (14.03.2013)

WIPO | PCT

(10) International Publication Number
WO 2013/036143 A2

(51) International Patent Classification: Not classified

(21) International Application Number:
PCT/NO2012/050169

(22) International Filing Date:
5 September 2012 (05.09.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/532,770 9 September 2011 (09.09.2011) 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, 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, 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:

— *without international search report and to be republished upon receipt of that report (Rule 48.2(g))*

(54) **Title**: A TORQUE DEVICE FOR OIL FIELD USE AND METHOD OF OPERATION FOR SAME

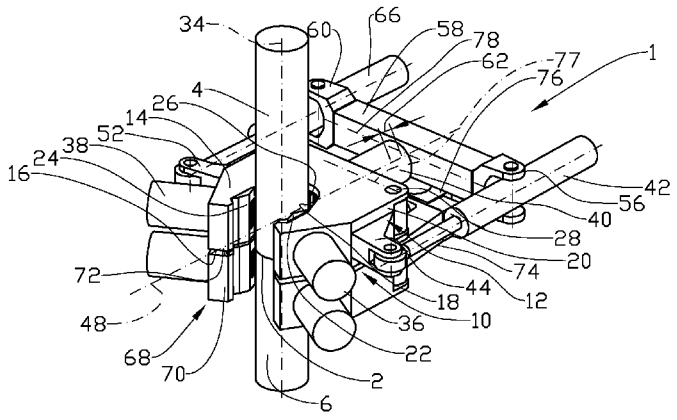

Fig. 4

(57) **Abstract**: A torque device (1) and operational method for oil field use that includes a first torque device member (10) that has an operational axis (34) of rotation, and where a first torque actuator (42) is pivotally connected to the first torque de- vice member (10) at a first radial distance (46) from a cen- tre line (48) of the first torque device member (10), wherein a rod (50) or a second torque actuator (66) is pivotally con- nected to the first torque device member (10) at a second ra- dial distance (54) extending in the opposite direction rela- tive the first radial distance from the centre line (48), and where the first torque actuator (42) is pivotally connected to a first portion (56) of an actuator support (58), and where the rod (50), alternatively the second torque actuator (66), is pivotably connected to a second portion (60)of the actuator support (66), and where the actuator support (66) is radially movable rel - ative the operational axis (34), but is restricted from rotating in a plane (XY) that is perpendicu- lar to the operational axis (34).

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