



(51) International Patent Classification:

E21B 29/00 (2006.01) *E21B 43/114* (2006.01)
E21B 29/04 (2006.01)

(21) International Application Number:

PCT/US2012/053665

(22) International Filing Date:

4 September 2012 (04.09.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

13/247,757 28 September 2011 (28.09.2011) US

(71) Applicant (for all designated States except US): **BAKER HUGHES INCORPORATED** [US/US]; 2929 Allen Parkway, Suite 2100, Houston, TX 77019-2118 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MISSELBROOK, John, G.** [CA/CA]; 94 Lynx Meadows Drive, Calgary, AB T3L 2L9 (CA). **SACH, Manfred** [DE/NO]; Joavegen 196, N-4050 Sola (NO). **SKUFCA, Jason** [US/US]; 12223 Normont Drive, Houston, TX 77070 (US).

(74) Agents: **JOHNSON, Rexford, A.** et al.; Parsons Behle & Latimer, 960 Broadway, Suite 250, Boise, ID 83706 (US).

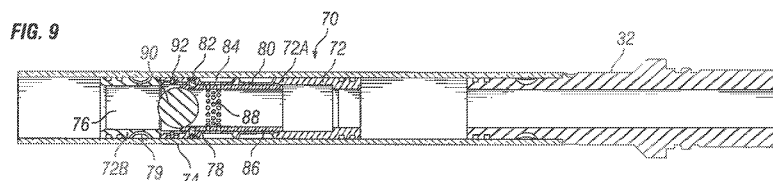
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, 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:

- with international search report (Art. 21(3))
- with information concerning one or more priority claims considered void (Rule 26bis.2(d))

(54) Title: CUTTING ASSEMBLY AND METHOD OF CUTTING COILED TUBING



(57) Abstract: A coiled tubing cutter assembly comprises a housing (72) configured to be inserted in a length of coiled tubing (74). The housing forms a main bore (76) and a first pathway (78) through which cutting fluid can flow through the housing and be directed to impinge against an inner surface of the coiled tubing over which the housing is positioned so as to cut the coiled tubing. A sleeve (80) is positioned in the main bore. The sleeve is movable between a first position and a second position within the main bore. The sleeve is configured so as to block the first pathway when in the first position and to allow cutting fluid to pass through the first pathway in the second position. A method of cutting coiled tubing is also disclosed.