



- (51) **International Patent Classification:**
E21B 21/10 (2006.01) *E21B 34/12* (2006.01)
- (21) **International Application Number:**
PCT/US2013/033364
- (22) **International Filing Date:**
21 March 2013 (21.03.2013)
- (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, 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, PA, 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))

(54) **Title:** TUBING PRESSURE OPERATED DOWNHOLE FLUID FLOW CONTROL SYSTEM

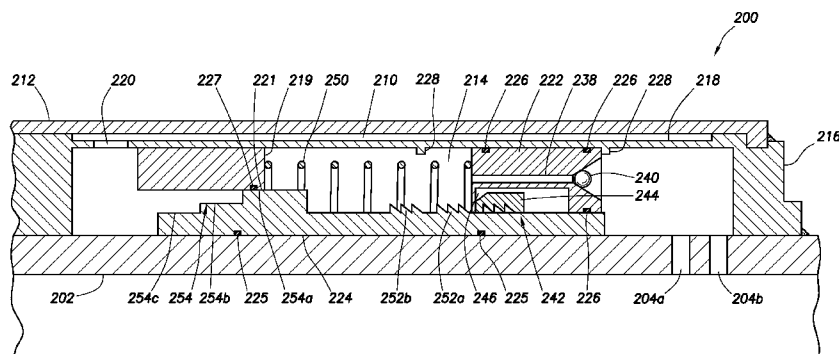


FIG. 3A

(57) **Abstract:** A downhole flow control system utilizes a tubing pressure operated valve to selectively open and close fluid flow across the system. The tubing pressure operated valve includes a piston responsive to tubing pressure, and a valve element responsive to piston movement. The valve element can be moved rotationally, longitudinally, or both, in response to the piston movement. The valve is movable between a closed and at least one open position. The piston and valve elements can be releasably attachable, such as by a one-way ratchet. The valve element can be a rotating valve operable by a J-slot mechanism to rotate to multiple positions in response to movement of the piston element.