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- (71) Applicant (for all designated States except US): **WELL-BORE ENERGY SOLUTIONS, LLC** [US/US]; 6127 Highway 90 E, Brossard, LA 70518 (US).
- (72) Inventors; and
(75) Inventors/Applicants (for US only): **KNOBLOCH, Benton** [US/US]; 201 Sharpsburg Drive, Lafayette, LA 70508 (US). **ROY, Todd** [US/US]; 105 Countryview Drive, Youngsville, Louisiana 70592 (US). **TILLEY, David, J.** [US/US]; 2710 Irish Bend Road, Franklin, LA 70538 (US).
- (74) Agent: **BOOTH, John, F.**; Booth Albanesi Schroeder LLC, 1601 Elm Street, Ste. 1950, Dallas, TX 75201 (US).
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(54) Title: REPEATABLE, COMPRESSION SET DOWNHOLE BYPASS VALVE

(57) Abstract: A bypass valve for use in tubing string which can be repeatedly opened and closed to selectively provide bypass fluid flow between the interior of the tubing string and the annulus to assist in flowing debris. The valve uses hardened valve elements which can be opened and closed while flowing fluids under pressure through the tubing string. The valve is actuated by placing the tubing string in a sufficient weight down condition to operate the valve. A trigger is provided to prevent unintended actuation of the bypass valve during use.

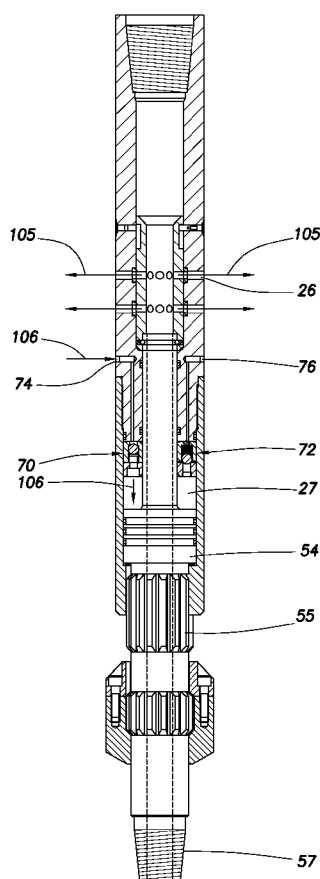


FIG. 3



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, RO, RS, RU, 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.

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