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(21) International Application Number: PCT/US98/25837 (22) International Filing Date: 4 December 1998 (04.12.98) (30) Priority Data: 60/069,805 12 December 1997 (12.12.97) US (71) Applicant: SCHLUMBERGER TECHNOLOGY CORPORATION [US/US]; 14910 Airline Road, P.O. Box 1590, Rosharon, TX 77583 (US). (72) Inventor: PATEL, Dinesh, R.; 1815 Trinity Station, Sugar Land, TX 77478 (US). (74) Agent: SEWELL, David, E.; Schlumberger Technology Corporation, 14910 Airline Road, P.O. Box 1590, Rosharon, TX 77583 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: WELL ISOLATION SYSTEM (57) Abstract A fluid control system actuatable by a tool includes a valve and a valve operator coupled to operate the valve between an open and closed position. The valve operator is adapted to be responsive to signals generated by the tool such that a first combination is received when the tool is run in a first direction and a second combination is received when the tool is run in a second direction. The valve operator includes electronic circuitry adapted to actuate the valve open in response to the first combination and to actuate the valve closed in response to the second combination.		