



(51) International Patent Classification:
E21B 21/08 (2006.01)

(21) International Application Number:
PCT/US2010/059121

(22) International Filing Date:
6 December 2010 (06.12.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
12/635,612 10 December 2009 (10.12.2009) 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, 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, 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.

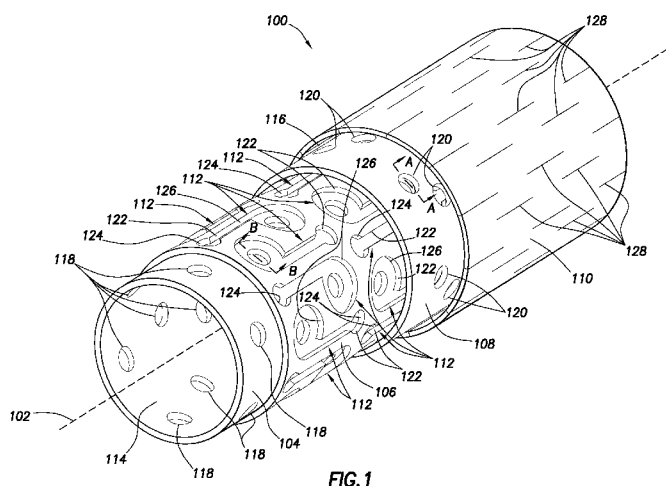
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, 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).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

[Continued on next page]

(54) Title: FLUID FLOW CONTROL DEVICE



(57) Abstract: A method of servicing a wellbore, comprising providing a fluid diode in fluid communication with the wellbore, and transferring a fluid through the fluid diode. A fluid flow control tool, comprising a tubular diode sleeve comprising a diode aperture, a tubular inner ported sleeve received concentrically within the diode sleeve, the inner ported sleeve comprising an inner port in fluid communication with the diode aperture, and a tubular outer ported sleeve within which the diode sleeve is received concentrically, the outer ported sleeve comprising an outer port in fluid communication with the diode aperture, wherein a shape of the diode aperture, a location of the inner port relative to the diode aperture, and a location of the outer port relative to the diode aperture provide a fluid flow resistance to fluid transferred to the inner port from the outer port and a different fluid flow resistance to fluid transferred to the outer port from the inner port.



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