



(51) International Patent Classification:
E21B 43/08 (2006.01) *E21B 43/10* (2006.01)

(21) International Application Number:
PCT/US2011/049471

(22) International Filing Date:
27 August 2011 (27.08.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
12/888,607 23 September 2010 (23.09.2010) US

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(54) Title: SAND CONTROL SCREEN ASSEMBLY HAVING A MECHANICALLY ATTACHED SCREEN JACKET

(57) Abstract: A sand control screen assembly (100) for use in a subterranean well. The sand control screen assembly (100) includes a base pipe (102) having an outer surface and at least one opening (104). A screen jacket (106) is disposed around the base pipe (102). The screen jacket (106) has a filter medium (112) and an outer shroud (114). The outer shroud (114) has first and second ends (124, 126) with inner and outer surfaces. Connector rings (120, 122) form mechanical interfaces between the base pipe (102) and the first and second ends (124, 126), respectively, of the outer shroud (114). Each of the connector rings (120, 122) is operable to mechanically induce permanent deformation in the outer surface of the base pipe (102) and at least one of the inner surface and the outer surface of the outer shroud (114), thereby connecting the screen jacket (106) to the base pipe (102).

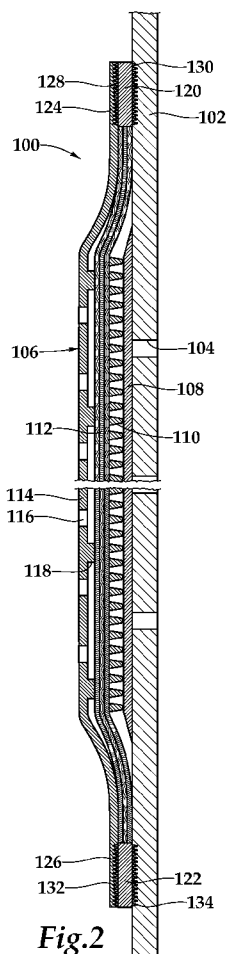


Fig. 2





(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, QA, 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))

Published:

— with international search report (Art. 21(3))

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))