(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
22 August 2013 (22.08.2013)

WIPO | PCT

(10) International Publication Number
WO 2013/122596 A1

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

(21) International Application Number:
PCT/US2012/025576

(22) International Filing Date:
17 February 2012 (17.02.2012)

(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, 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, 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, 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).

Published:

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

(54) Title: WELL FLOW CONTROL WITH MULTI-STAGE RESTRICTION

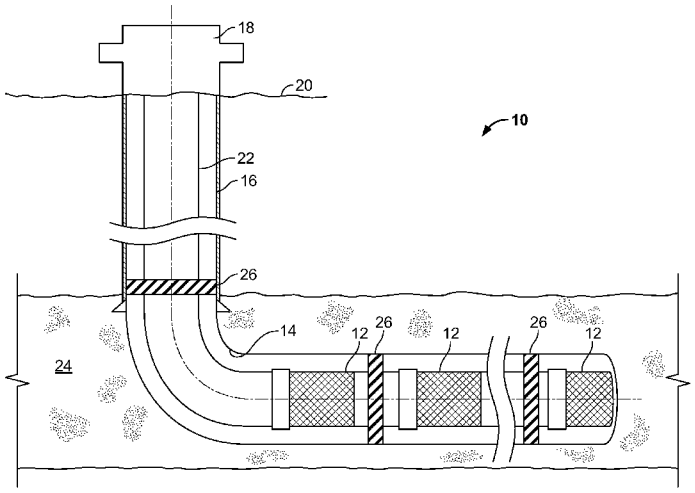


FIG. 1

(57) Abstract: A well screen assembly includes a tubular base pipe. The base pipe has a sidewall aperture that communicates fluid between an interior central bore of the base pipe and an exterior of the base pipe. A filtration screen is around the base pipe. The filtration screen defines a lateral fluid passage along a axial length of the well screen assembly. A flow control device is coupled to the base pipe and the filtration screen. The flow control devices includes a ring sealing the lateral fluid passage from the central bore. An elongate restrictor passage is in the ring, oriented longitudinally. The elongate restrictor passage is configured to communicate fluid between the lateral fluid passage and the central bore. The restrictor passage includes an internal, square edged orifice defined by a fixed, annular protrusion. The annular protrusion extends inwardly from an interior surface of the restrictor passage.

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