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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
20 April 2006 (20.04.2006)

PCT

(10) International Publication Number
WO 2006/041825 A2

(51) International Patent Classification:
E21B 43/04 (2006.01) *E21B 33/14* (2006.01)

(21) International Application Number:
PCT/US2005/035640

(22) International Filing Date:
30 September 2005 (30.09.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/961,704 8 October 2004 (08.10.2004) US

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(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

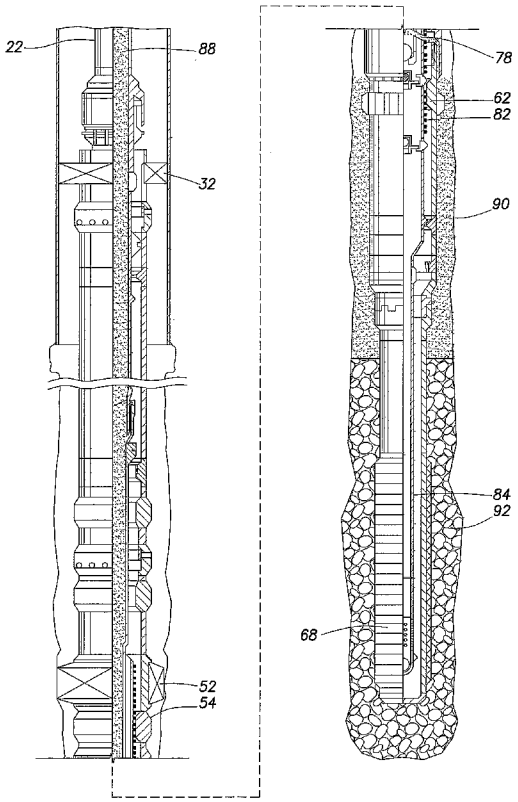
(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

[Continued on next page]

(54) Title: ONE TRIP LINER CONVEYED GRAVEL PACKING AND CEMENTING SYSTEM



(57) Abstract: A well completion assembly including apparatus for gravel packing and cementing in a single trip. An outer assembly comprises: a liner and screen; a valved gravel packing port; upper and lower valved cementing ports; and seal bores positioned below and above the gravel packing port and above and below the lower cementing port. An inner assembly includes: a crossover having an outer seal body and shifters to allow opening and closing of valves in the gravel packing and cementing ports. In one position, the crossover seal body mates with seal bores below and above the gravel packing port to allow flow of gravel packing slurry through the gravel packing port. In a second position, the crossover seal body mates with seal bores below and above the lower cementing port to allow flow of cement through the lower cementing port.

WO 2006/041825 A2

Published:

— *without international search report and to be republished upon receipt of that report*

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