

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 November 2001 (22.11.2001)

PCT

(10) International Publication Number
WO 01/88332 A1

(51) International Patent Classification⁷: **E21B 43/08**,
B01D 29/17

(21) International Application Number: PCT/US01/15064

(22) International Filing Date: 10 May 2001 (10.05.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09/574,658 18 May 2000 (18 05 2000) US

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, CZ (utility model), DE, DE (utility model), DK, DK (utility model), DM, DZ, EE, EE (utility model), ES, FI, FI (utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, 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, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG)

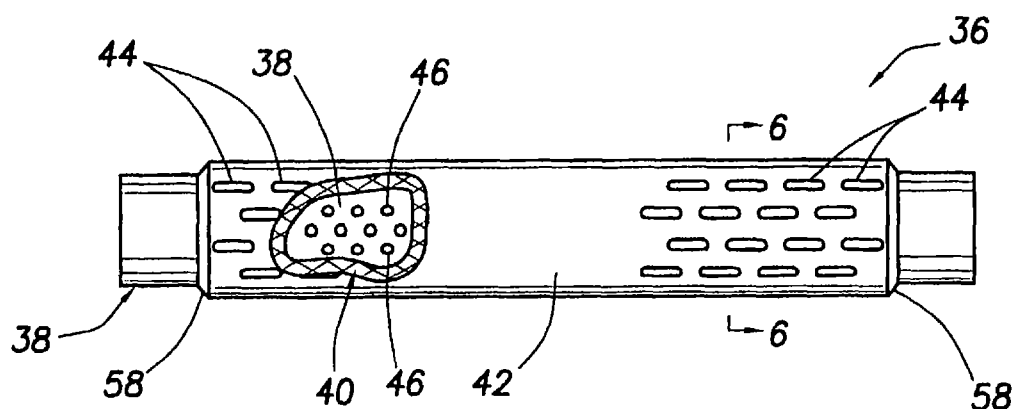
Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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(i) Title: THIN-WALL EXPANDABLE WELL SCREEN ASSEMBLY AND ASSOCIATED FABRICATION METHODS



(57) Abstract: An expandable well screen (36) has a desirable thin-wall construction together with a simplified fabrication method. In fabricating the screen, a flexible sheet of metal mesh filter media (40) is diffusion bonded to an inner side of a perforated metal sheet (42) which is then deformed to a tubular shape to form a filter structure having an outer perforated tubular shroud (44) interiorly lined with the filter media (40). The tubular filter structure is telescoped onto a perforated base pipe (38) and has its opposite ends (58) sealingly secured thereto to complete the expandable well screen (36).

WO 01/88332 A1