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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
24 November 2011 (24.11.2011)

PCT

(10) International Publication Number
WO 2011/146353 A3

(51) International Patent Classification:
H01B 9/00 (2006.01) *H01B 13/00* (2006.01)
H01B 7/17 (2006.01)

(21) International Application Number:
PCT/US2011/036582

(22) International Filing Date:
16 May 2011 (16.05.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/345,393 17 May 2010 (17.05.2010) US
13/107,252 13 May 2011 (13.05.2011) 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,

[Continued on next page]

(54) Title: CABLE FOR USE WITH A DOWNHOLE PUMP

(57) Abstract: Embodiments disclosed herein relate to a cable for use with a downhole pump. The cable includes a cable core having at least one metallic conductor and at least one polymer layer bonded to the at least one metallic conductor, the cable further includes and at least one strength member layer bonded to the cable core. The at least one strength member layer may include a plurality of polymer-bonded strength members. Further, the cable may be continuously bonded from the at least one metallic conductor to the at least one strength member layer.

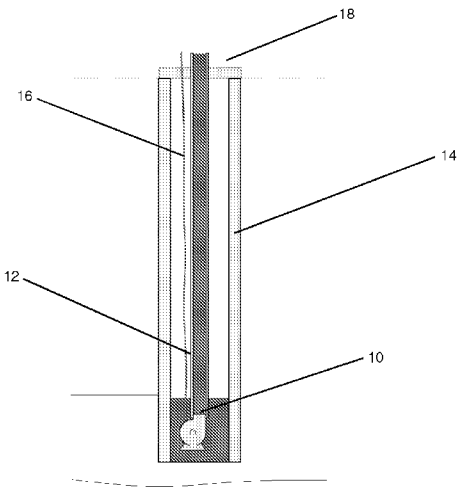


FIG. 1

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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).

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))*

(88) Date of publication of the international search report:
1 March 2012

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2011/036582

A. CLASSIFICATION OF SUBJECT MATTER

H01B 9/00(2006.01)i, H01B 7/17(2006.01)i, H01B 13/00(2006.01)i

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H01B 9/00; H01R 43/00; H01B 7/02; H01B 7/18; H01B 9/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models
Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: cable, strength, polymer, bond ,conductor

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y A	US 2009-0089998 A1 (VARKEY JOSEPH) 09 April 2009 See abstract, paragrphs [0040], [0064]-[0065], [0073], claims 1-8, and figures 1,2,13.	1,2,5-13,15-17,20-24,26-29,32 31 3,4,14,18,19,25,30
X Y A	US 2007-0000682 A1 (JOSEPH VARKEY et al.) 04 January 2007 See abstract, paragraphs [0033]-[0034], [0040], [0057], claims 1-8, and figures 1,2.	1,11 31 2-10,12-30,32
X A	US 03980808 A (KIKUCHI; KOJI et al.) 14 September 1976 See abstract; column 4, line 4 - column 5, line 35, column 8, line 28-line 52, column 10, line 42-line 55; claims 1-7; and figures 1-7.	1,11 2-10,12-32
A	US 2009-0283295 A1 (VARKEY JOSEPH et al.) 19 November 2009 See abstract, paragraphs [0023]-[0026], [0033]-[0035], claims 1-6, and figures 2-5.	1-32

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents,such combination being obvious to a person skilled in the art
"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
02 JANUARY 2012 (02.01.2012)	**04 JANUARY 2012 (04.01.2012)**

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Form PCT/ISA/210 (second sheet) (July 2009)

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2011/036582

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