

(12) International Application Status Report

Received at International Bureau: 09 August 2018 (09.08.2018)

Information valid as of: 10 August 2018 (10.08.2018)

Report generated on: 20 April 2019 (20.04.2019)

(10) Publication number:

WO2019/027900

(43) Publication date:

07 February 2019 (07.02.2019)

(26) Publication language:

English (EN)

(21) Application Number:

PCT/US2018/044376

(22) Filing Date:

30 July 2018 (30.07.2018)

(25) Filing language:

English (EN)

(31) Priority number(s):

62/541,442 (US)

(31) Priority date(s):

04 August 2017 (04.08.2017)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

E21B 47/12 (2006.01); **H04B 5/00** (2006.01)

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(54) Title (EN): SYSTEM FOR DEPLOYING COMMUNICATION COMPONENTS IN A BOREHOLE

(54) Title (FR): SYSTÈME DE DÉPLOIEMENT DE COMPOSANTS DE COMMUNICATION DANS UN TROU DE FORAGE

(57) Abstract:

(EN): An apparatus for deploying one or more components of a borehole monitoring system includes a conductor assembly having one or more communication devices connected along a length of a conductor, each communication device being configured to wirelessly communicate data and/or power, the conductor configured to transmit the data and/or the power through a borehole in an earth formation. The apparatus further includes a deployment device configured to transport and support the length of the conductor having the one or more communication devices connected along the length of the conductor and deploy the length of the conductor in the borehole.

(FR): L'invention concerne un appareil permettant de déployer un ou plusieurs composants d'un système de surveillance de trou de forage, lequel appareil comprend un ensemble tube conducteur ayant un ou plusieurs dispositifs de communication connectés le long d'une longueur d'un tube conducteur, chaque dispositif de communication étant configuré pour communiquer sans fil des données et/ou de l'énergie, le tube conducteur étant configuré pour transmettre les données et/ou l'énergie à travers un trou de forage dans une formation de sol. L'appareil comprend en outre un dispositif de déploiement configuré pour transporter et prendre en charge la longueur du tube conducteur ayant lesdits dispositifs de communication connectés le long de la longueur du tube conducteur et pour déployer la longueur du tube conducteur dans le trou de forage.

International search report:

Received at International Bureau: 16 November 2018 (16.11.2018) [KR]

International Report on Patentability (IPRP) Chapter II of the PCT:

Not available

(81) Designated States:

AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, 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

European Patent Office (EPO) : 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

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM

Declarations:

Declaration made as applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate

Declaration made as applicant's entitlement, as at the international filing date, to claim the priority of the earlier application, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))