



(51) International Patent Classification:

H02G 1/10 (2006.01) *H02G 9/02* (2006.01)
H02G 9/12 (2006.01)

(21) International Application Number:

PCT/EP2009/002793

(22) International Filing Date:

16 April 2009 (16.04.2009)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

08007477.6 17 April 2008 (17.04.2008) EP

(71) Applicant (for all designated States except US): **OPEN-HYDRO GROUP LIMITED** [IE/IE]; 66 Fitzwilliam Square, Dublin 2 (IE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **IVES, James** [GB/IE]; 66 Fitzwilliam Square, Dublin 2 (IE). **DUNNE, Paul** [IE/IE]; 12 Homefarm Park, Drumcondra, Dublin 9 (IE).

(74) Agent: **FRKELLY**; 27 Clyde Road, Ballsbridge, Dublin 4 (IE).

(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, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, 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, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, 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: AN IMPROVED TURBINE INSTALLATION METHOD

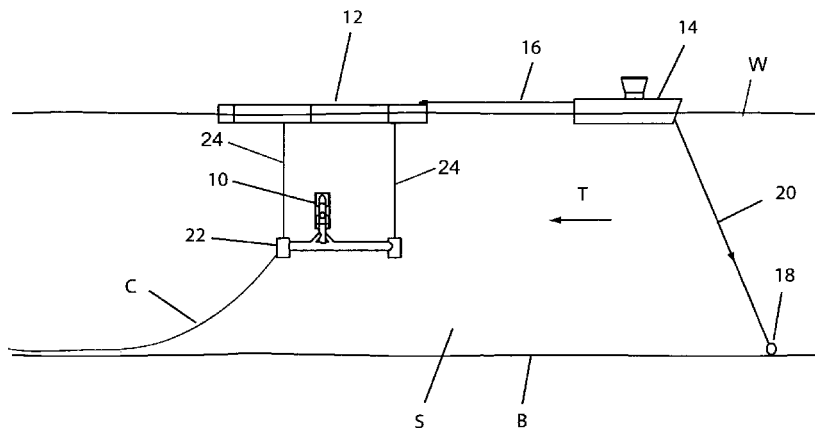


Figure 2.

(57) Abstract: The present invention provides a method of installing a hydroelectric turbine onto the seabed or the like while ensuring that a pre-laid electrical cable connected to the turbine prior to lowering to the seabed is not damaged during installation of the turbine, the method involving lowering the turbine towards the seabed while simultaneously displacing the turbine in order to maintain tension in the electrical cable.