



(43) International Publication Date
13 November 2014 (13.11.2014)

- (51) International Patent Classification:
F03B 13/10 (2006.01)
- (21) International Application Number:
PCT/GB2014/051435
- (22) International Filing Date:
9 May 2014 (09.05.2014)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
1308462.9 10 May 2013 (10.05.2013) GB
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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, BN, BR, BW, BY, BZ, CA, CH, CL, 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, IR, IS, JP, KE, KG, 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, 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.

- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, 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, KM, ML, MR, NE, SN, TD, TG).

Published:

- without international search report and to be republished upon receipt of that report (Rule 48.2(g))

(54) Title: TIDAL POWER GENERATION SYSTEM AND METHODS

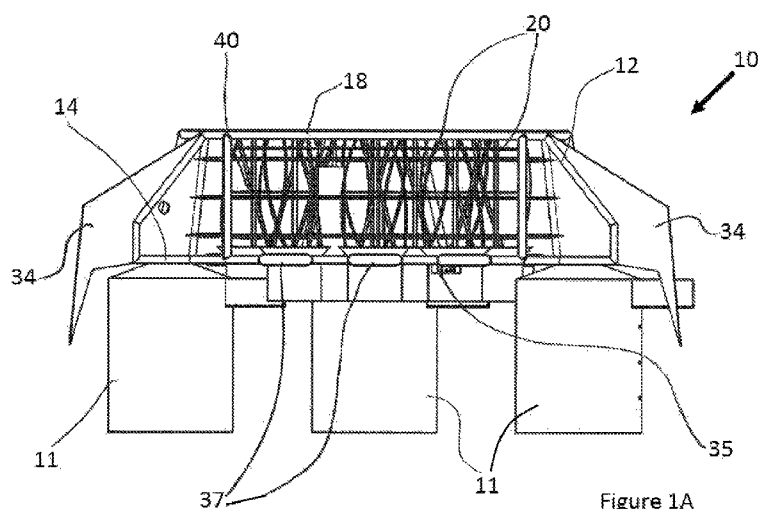


Figure 1A

(57) Abstract: The invention provides a system for the extraction of energy from an undercurrent stream in a body of water. The system comprises a support frame which comprises a plurality of receptacles for mounting functional modules on the support frame. The plurality of receptacles are arranged to form a horizontally-distributed two-dimensional array on the support frame. The plurality of vertical axis turbine units is configured to be interchangeably mounted in the receptacles.