

(51) International Patent Classification:
F03B 17/06 (2006.01)(21) International Application Number:
PCT/IB2014/000046(22) International Filing Date:
16 January 2014 (16.01.2014)

(25) Filing Language: Dutch

(26) Publication Language: English

(30) Priority Data:
2013/0034 17 January 2013 (17.01.2013) BE
2013/0291 25 April 2013 (25.04.2013) BE
2013/0471 5 July 2013 (05.07.2013) BE

(72) Inventor; and

(71) Applicant : VAN ROMPAY, Boudewijn, Gabriel [BE/
—]; 307 spottis Woode CT, Clearwater, FL 33759 (US).(74) Agent: VARENBERG, P. Van; Bureau M.F.J. Bockstael
nv., Arenbergstraat 13, B-2000 Antwerpen (BE).(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).

Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

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

(54) Title: DEVICE FOR GENERATING HYDRO-ELECTRIC ENERGY

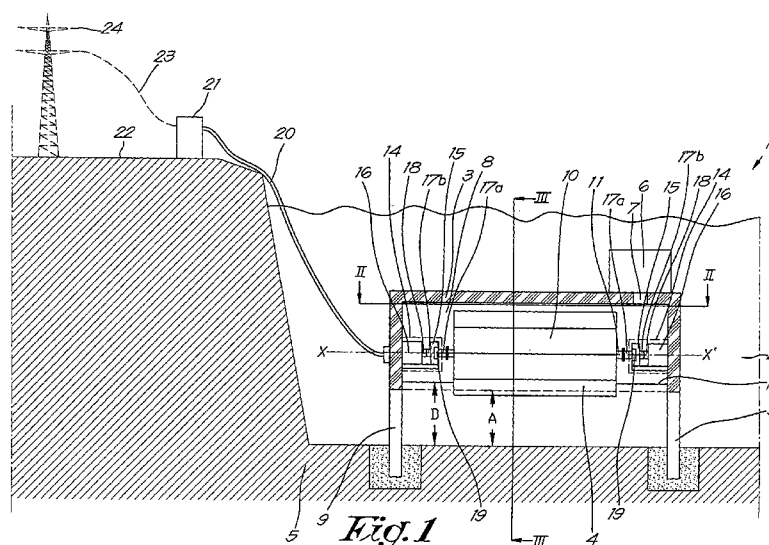


Fig. 1

(57) Abstract: Device for generating energy using the current of a river (2) or similar, which device (1) comprises a paddlewheel (11) and at least one generator set (14) of which the drive shaft (17a) is coupled to the shaft (11) of the paddlewheel (10), characterized in that the paddlewheel (10) is self-floating and that the device (1) is provided with at least a partly submerged housing (3) with an open bottom (4) that is located at a height (A) above the bed (5) of the river (2), wherein the paddlewheel (10) is bearing mounted and of which the internal space (8) is pressurized to regulate the height of the water level (12) in the housing (3).