



- (51) **International Patent Classification:**
F03B 13/14 (2006.01)
- (21) **International Application Number:**
PCT/US2013/024388
- (22) **International Filing Date:**
1 February 2013 (01.02.2013)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
61/594,447 3 February 2012 (03.02.2012) 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, 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, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) **Title:** METHOD AND APPARATUS FOR ADJUSTING AND STABILIZING A WAVE GENERATOR TRAVELING THROUGH A BODY OF WATER

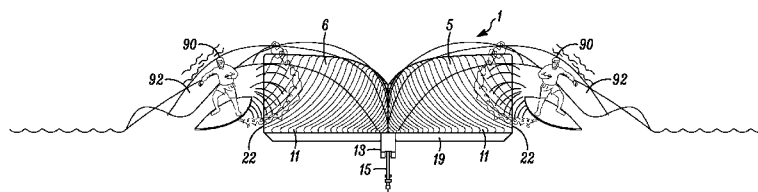


FIG. 14

(57) **Abstract:** A positively buoyant wave generator is adapted to travel through a body of water, wherein specific features are incorporated into the wave generator to help create and off-set various hydrodynamic forces that can act on the wave generator as it travels through the water. Rather than eliminating these hydrodynamic forces, the invention seeks to create and counter these forces, which has been found to help keep the wave generator in substantial equilibrium. A connecting member can be extended forward and below the wave generator's center of buoyancy, such that as the wave generator is pulled, it creates an upward force that helps to counter a downward force acting on the front end of the wave generator as water is lifted up.

