



(51) International Patent Classification:
H02J 7/00 (2006.01)

(21) International Application Number:
PCT/US2013/053936

(22) International Filing Date:
7 August 2013 (07.08.2013)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/680,518 7 August 2012 (07.08.2012) US

(71) Applicant: **EAGLEPICHER TECHNOLOGIES, LLC**
[US/US]; C & Porter Streets, Joplin, Missouri 64801 (US).

(72) Inventors: **MILLER, Gregory L.**; Eaglepicher Technologies, LLC, C & Porter Streets, Joplin, Missouri 64801 (US). **PARROT, Michael A.**; Eaglepicher Technologies, LLC, C & Porter Streets, Joplin, Missouri 64801 (US). **DERMOTT, Jeffrey C.**; Eaglepicher Technologies, LLC, C & Porter Streets, Joplin, Missouri 64801 (US). **BHAKTA, Dharmesh H.**; Eaglepicher Technologies, LLC, C & Porter Streets, Joplin, Missouri 64801 (US).

(74) Agent: **ARMSTRONG, Joel S.**; Oliff & Berridge, PLC, 277 South Washington Street, Suite 500, Alexandria, Virginia 22314 (US).

(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, 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: UNDERWATER CHARGING STATION

(57) Abstract: A submersible power supply apparatus provides the ability to provide power for recharging batteries used to operate underwater vehicles, manned and unmanned. A battery charging station apparatus containing at least one modular reserve battery magazine with a plurality of compartments is provided. A plurality of reserve battery modules may be respectively provided in the plurality of compartments, each of the plurality of reserve battery modules being configured to provide power when a reserve battery provided therein is activated.



WO 2014/065926 A2