

(51) International Patent Classification:

B63H 21/10 (2006.01)

(21) International Application Number:

PCT/US2014/033422

(22) International Filing Date:

9 April 2014 (09.04.2014)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/813,822

19 April 2013 (19.04.2013)

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, 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:

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

[Continued on next page]

(54) Title: INTELLIGENT SEA WATER COOLING SYSTEM

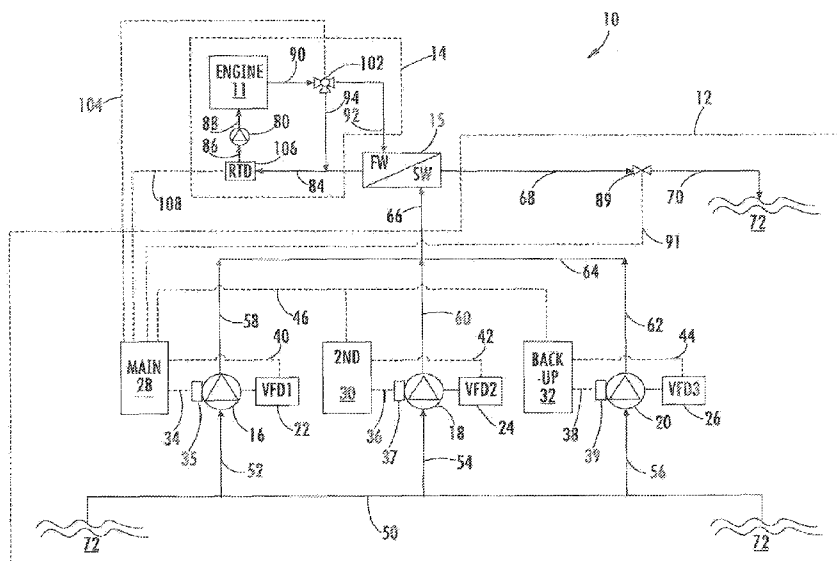


FIG. 1

(57) Abstract: An intelligent sea water cooling system including a first fluid cooling loop coupled to a heat exchanger, a second fluid cooling loop coupled to the heat exchanger and including a fluid pump for circulating fluid through the second fluid cooling loop, and a controller operatively connected to the fluid pump. The controller may be configured to monitor an actual temperature in the first fluid cooling loop and to adjust a speed of the fluid pump based on the monitored temperature in order to achieve a desired temperature in the first fluid cooling loop.



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