

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
30 November 2023 (30.11.2023)



(10) International Publication Number
WO 2023/229534 A1

- (51) **International Patent Classification:**
F28D 5/00 (2006.01) *F24F 5/00* (2006.01)
- (21) **International Application Number:**
PCT/SG2023/050366
- (22) **International Filing Date:**
25 May 2023 (25.05.2023)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
63/346,804 27 May 2022 (27.05.2022) 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, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, 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, ST, SV, SY, TH,

(54) **Title:** MULTISTAGE LIQUID COOLING SYSTEM AND CONFIGURATION

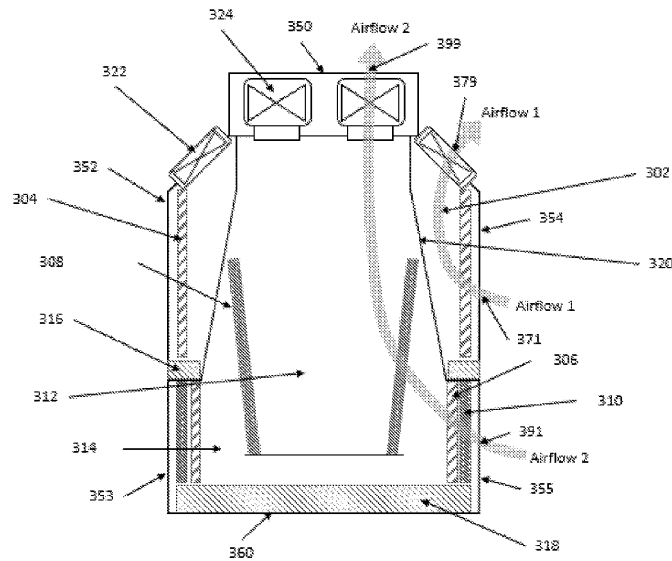


FIG. 3

(57) **Abstract:** A multistage liquid cooling system comprises a first fluid inlet which receives fluid to be cooled, a first air inlet receives first air, a first air outlet exhausts the first air, a second air inlet receiving second air, and a second air outlet exhausts the second air. A heat recovery unit receives second air from a main cooling unit and fluid from the first fluid inlet and cools the fluid at a first stage of cooling. A cold-water generation unit receives first air from the first air inlet and cooled fluid from the heat recovery unit, and further cools the fluid at a second stage of cooling. A main cooling unit receives second air from the second air inlet, and further cooled fluid from the cold-water generation unit. The first air inlet and the second air inlet are on a side, and the first air outlet is on the top.

[Continued on next page]

TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS,
ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, 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, ME, 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:

— *with international search report (Art. 21(3))*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*