

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
11 August 2022 (11.08.2022)



(10) International Publication Number
WO 2022/170183 A1

(51) International Patent Classification:
F28C 1/00 (2006.01) *F25B 39/02* (2006.01)
F28F 25/00 (2006.01)

(21) International Application Number:
PCT/US2022/015472

(22) International Filing Date:
07 February 2022 (07.02.2022)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
63/146,179 05 February 2021 (05.02.2021) US
63/146,579 06 February 2021 (06.02.2021) US
17/666,085 07 February 2022 (07.02.2022) 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, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, 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, ST, SV, SY, TH, 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, GH, GM, KE, LR, LS, MW, MZ, NA, RW, 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, 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).

(54) Title: TECHCLEAN DIRECT HEAT EXCHANGE FILL

(57) Abstract: A fill sheet and a fill pack manufactured from a plurality of fill sheets for cooling a cooling medium in a cooling tower, each fill sheet having a plurality of flutes extending diagonally from top to bottom of the fill sheet, the diagonal orientation of the flutes resulting from a plurality of alternating longer diagonal flute segments and shorter vertical flute segments, each of the plurality of flutes having the microstructure comprising a plurality of alternating rounded mounds and rounded depressions extending between flat ridge edges and flat valley edges of said flutes.

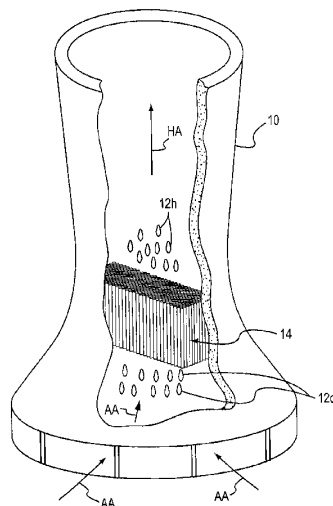


FIG. 1
PRIOR ART

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Published:

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