



- (51) **International Patent Classification:**
F28D 5/00 (2006.01) *B05B 1/28* (2006.01)
- (21) **International Application Number:**
PCT/SG2014/000288
- (22) **International Filing Date:**
17 June 2014 (17.06.2014)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
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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))

(54) **Title:** A PORTABLE WHOLE-BODY EVAPORATIVE COOLING SYSTEM FOR EXERCISE-INDUCED HYPERTHERMIA

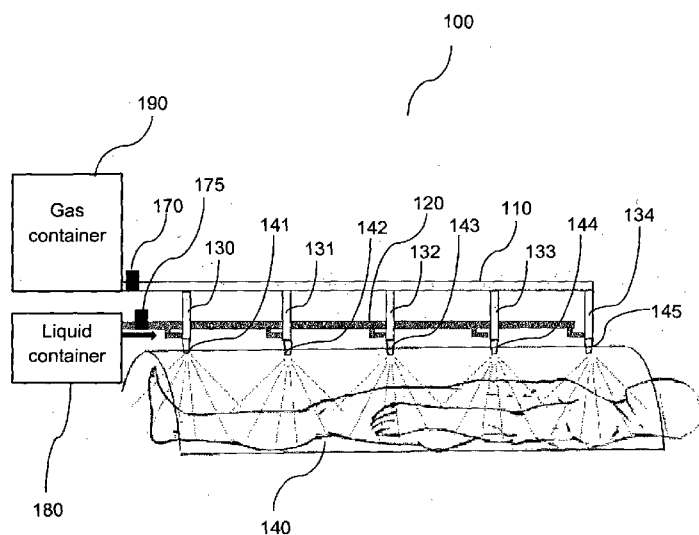


Figure 1

(57) **Abstract:** This invention relates to a portable evaporative cooling system. The portable evaporative cooling system includes a cover, a first conduit, a second conduit and a number of nozzles. The first conduit is for conveying dry gas while the second conduit is for conveying liquid. Each of the nozzles includes a base with a first inlet in fluid communication with the first conduit, a second inlet in fluid communication with the second conduit, and an outlet. The base defines a first passageway extending between the first inlet and the outlet and a second passageway extending between the second inlet and a tip of the outlet. Further the nozzles are fitted on the cover with the outlet extending through apertures of the cover.