

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
11 December 2008 (11.12.2008)

PCT

(10) International Publication Number
WO 2008/149073 A1

(51) International Patent Classification:
A62C 31/02 (2006.01) **B05B 7/04** (2006.01)

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(21) International Application Number:
PCT/GB2008/001883

(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, BR, BW, BY, BZ, CA, CH, 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, KM, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(22) International Filing Date: 3 June 2008 (03.06.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0710663.6 4 June 2007 (04.06.2007) GB

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(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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Published:
— with international search report

(54) Title: AN IMPROVED MIST GENERATING APPARATUS AND METHOD

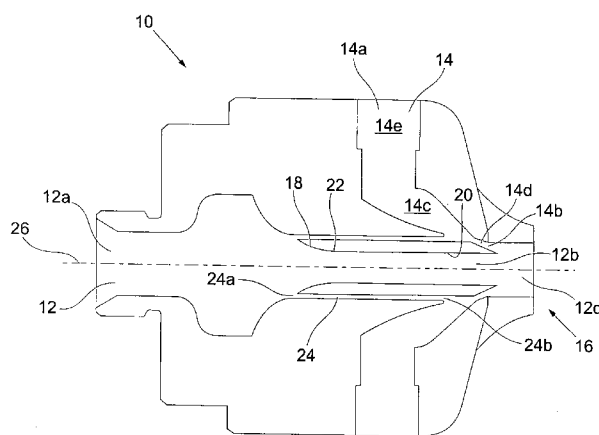


Fig. 1

(57) Abstract: An apparatus (10) for generating a mist having a first transport fluid passage (12) having a first transport fluid inlet (12a), a first transport fluid outlet (12b), a throat portion (22) intermediate the first transport fluid inlet (12a) and the first transport fluid outlet (12b), the throat portion (22) having a cross sectional area which is less than that of either the first transport fluid inlet (12a) or the first transport fluid outlet (12b), at least one working fluid passage (14) located radially outwardly of the first transport fluid passage (12) and having a working fluid inlet (14a) and a working fluid outlet (14b), at least one second transport fluid passage (24) having a second transport fluid inlet (24a) and a second transport fluid outlet (24b) in fluid communication with the working fluid passage (14) and an outlet nozzle (16) in fluid communication with the first transport fluid and working fluid outlets (12b, 14b). Wherein, the second transport fluid passage (24) has an outlet (24b) located in the working fluid chamber (14) upstream of the working fluid outlet (14b).