

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
21 September 2006 (21.09.2006)

PCT

(10) International Publication Number
WO 2006/098697 A1

- (51) International Patent Classification:
C02F 9/08 (2006.01) *C02F 1/00* (2006.01)
- (21) International Application Number:
PCT/SG2005/000083
- (22) International Filing Date: 17 March 2005 (17.03.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (71) Applicant (for all designated States except US): **SIF TECHNOLOGIES PTE LTD** [SG/SG]; 50 Kallang Ave, #04-03C Noel Corporate Building, Singapore 339505 (SG).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **SENEVIRATNE, Paul, Navaratna** [SG/SG]; Blk 245 Bishan St. 22, #02-312, Singapore 570245 (SG).
- (74) Agent: **VIERING, JENTSCHURA & PARTNER**; P.O. Box 1088, Rochor Post Office, Rochor Road, Singapore 911833 (SG).

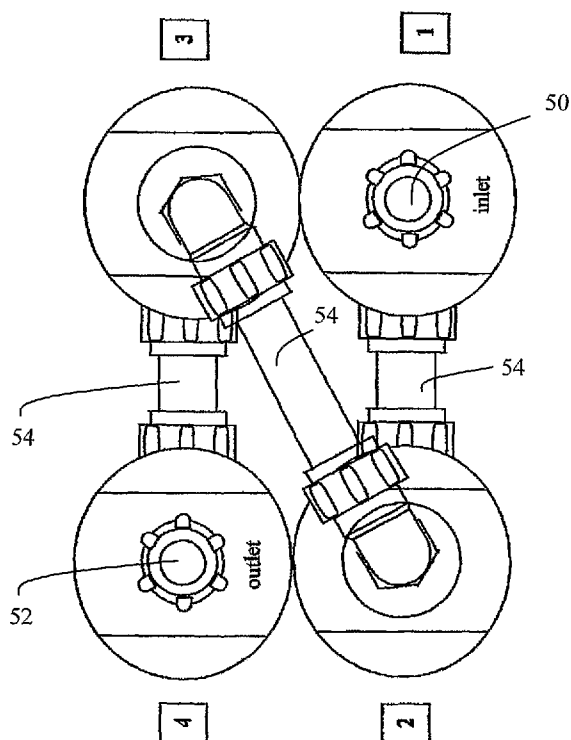
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (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, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: DEVICE FOR TREATING AQUEOUS LIQUIDS



(57) Abstract: A device for treating aqueous liquids is disclosed comprising at least 2 treatment units connected in series, each treatment unit comprising a liquid inlet, a liquid outlet, a flow compartment fluidly connecting said liquid inlet to said liquid outlet, and cavitation inducing means for inducing cavitation in an aqueous liquid to be treated, said means comprising constriction means provided at the liquid inlet and/or the liquid outlet for increasing the velocity of the aqueous liquid, thereby reducing liquid pressure.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.