

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
5 December 2002 (05.12.2002)

PCT

(10) International Publication Number
WO 02/096542 A1

(51) International Patent Classification⁷: **B01F 3/04**,
3/08, 5/06, 5/08

(21) International Application Number: PCT/AU02/00635

(22) International Filing Date: 22 May 2002 (22.05.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PR 5363 31 May 2001 (31.05.2001) AU

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, 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, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

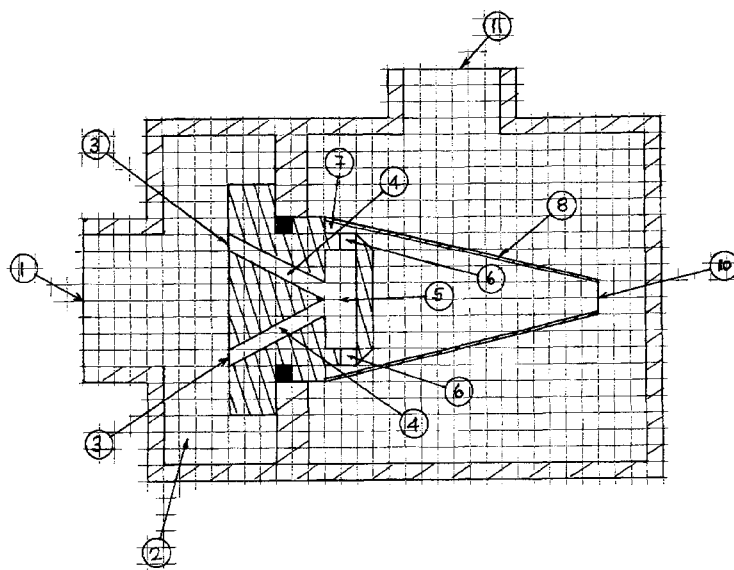
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

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.

(54) Title: METHOD FOR MIXING A LIQUID/LIQUID AND/OR GASEOUS MEDIA INTO A SOLUTION



(57) **Abstract:** The invention relates to a mechanical device with no moving parts that homogeneously mixes two or more liquids or liquids and gases. It is possible with the device to totally saturate liquids with gas droplets of less than one micron. The device comprises an inlet for partially mixed components leading to a plurality of passageways converging axially into a chamber which has radial openings into another chamber defined by a conical member converging in the axial direction and having an opening at its apex to exit the mixed components, the components exiting the radial openings collide with the walls of the conical member producing shear and turbulence and subsequently spinning within the conical member and are then subjected to increased pressure in the axial direction by the converging walls of the conical member.



WO 02/096542 A1