



(51) International Patent Classification:
B01F 1/00 (2006.01)

(21) International Application Number:
PCT/IB2013/058222

(22) International Filing Date:
2 September 2013 (02.09.2013)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2012/06547 31 August 2012 (31.08.2012) ZA

(71) Applicant: **BUZZ TRADING 197 (PROPRIETARY) LIMITED** [ZA/ZA]; 70 Thirteenth Road, Kew, 2090 Johannesburg (ZA).

(72) Inventor: **BUCHAN, Peter, James**; 19 Country Life Park, Whitney Street, Bryanston, 2021 Johannesburg (ZA).

(74) Agents: **VISAGIE, Pieter, Johan** et al.; Adams & Adams, PO Box 1014, 0001 Pretoria (ZA).

(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, 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).

Declarations under Rule 4.17:

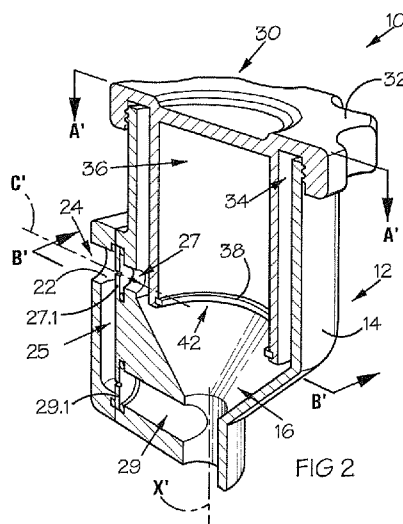
- as to the identity of the inventor (Rule 4.17(i))
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- of inventorship (Rule 4.17(iv))

Published:

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

[Continued on next page]

(54) Title: DISPENSERS



(57) Abstract: The invention provides a dispenser (10) to dispense, in operation, particulate, soluble chemical agent, by dissolution, from a compacted or compressed form thereof, into liquid that flows along a flow path. The dispenser (10) comprises a body (12) defining a liquid treatment chamber (16), an inlet (22) to the liquid treatment chamber, through which inlet feed liquid can, in operation, continuously be fed into the treatment chamber, and an outlet (26) from the treatment chamber, through which outlet product liquid, containing dissolved chemical agent can, in operation, continuously leave the treatment chamber. The dispenser (10) is configured such that a chemical agent artefact comprising the particulate, soluble chemical agent in a compacted or compressed form is arrangeable in the dispenser, in use, in a predetermined position in which the artefact is exposed to or accessible from inside of the treatment chamber only along a liquid contact surface provided by part of an outer surface thereof, which part extends along an artefact access plane defined in the dispenser in use at the predetermined position, such that liquid which is fed to the treatment chamber through the inlet, in operation, can contact the artefact only along the liquid contact surface and necessarily by passing across the artefact access plane.





— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

(88) **Date of publication of the international search report:**
1 May 2014