(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
3 January 2014 (03.01.2014)

WIPO | PCT

(10) International Publication Number
WO 2014/002005 A3

(51) **International Patent Classification**:
B67D 1/00 (2006.01) ***B67D 1/08*** (2006.01)

(21) **International Application Number**:
PCT/IB2013/055203

(22) **International Filing Date**:
25 June 2013 (25.06.2013)

(25) **Filing Language**: Italian

(26) **Publication Language**: English

(30) **Priority Data**:
BS2012U000025 28 June 2012 (28.06.2012) IT

(71) **Applicant**: **FCZ AMBIENT TECHNOLOGY S.R.L.** [IT/IT]; Località Le Basse, 6/3-4, Località Mattarello, I-38123 Trento (IT).

(72) **Inventor**: **ZATTARA, Stefano**; Via Gorfer, 7, I-38123 Trento (IT).

(74) **Agents**: **ETERNO, Enrico** et al.; c/o JACOBACCI & PARTNERS S.p.A., Piazza della Vittoria, 11, I-25122 Brescia (IT).

(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, 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).

[Continued on next page]

(54) **Title**: AUTOMATIC DISTRIBUTOR OF ALKALINE WATER

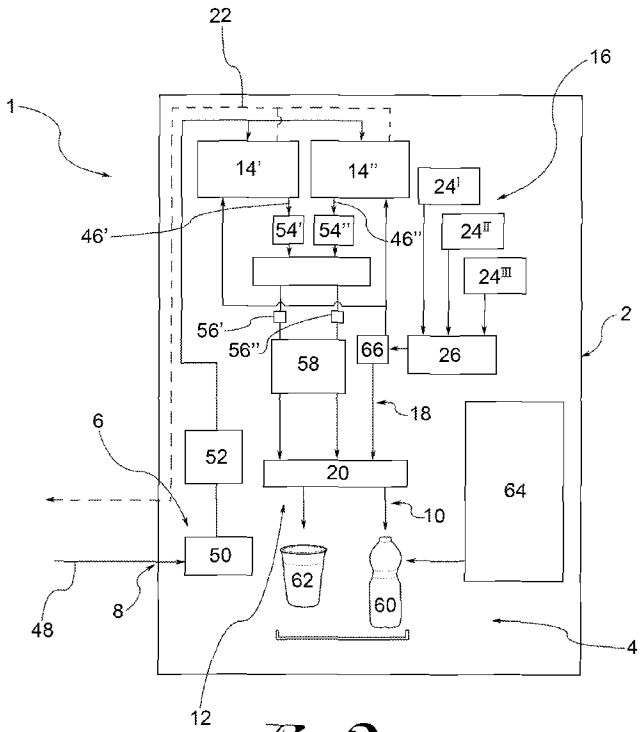


Fig. 2

(57) **Abstract**: Automatic distributor (1) of alkaline water comprising a casing (2), a hydraulic process circuit (6) which comprises alkalinisation means (14', 14") of a flow of drinking water, positioned in an intake zone (8), and a dispensing zone (10, 12) of the casing (2) to generate a flow of alkaline water, and aromatisation means (16) to introduce at least one aromatising substance into the dispensed alkaline water.

WO 2014/002005 A3

Declarations under Rule 4.17:

— *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))*

— *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:
13 March 2014

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2013/055203

A. CLASSIFICATION OF SUBJECT MATTER
INV. B67D1/00 B67D1/08
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
B67D C02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2006 198555 A (FUJI ELECTRIC RETAIL SYSTEMS) 3 August 2006 (2006-08-03)	1-6, 9-11,13, 14
Y	abstract paragraph [0006] paragraph [0008] - paragraph [0011] paragraph [0013] figures 1, 2	12,15-18

X	JP 2007 186216 A (HOSHIZAKI ELECTRIC CO LTD) 26 July 2007 (2007-07-26) abstract paragraph [0020] paragraph [0026] - paragraph [0030] paragraph [0036] paragraph [0040] - paragraph [0048] paragraph [0056] - paragraph [0065] figure 3	1-8,13, 14

	-/--	

[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
20 January 2014	29/01/2014

Name and mailing address of the ISA/	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Schultz, Tom

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2013/055203

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 997 236 A (PICIOCCIO JOHN J [US] ET AL) 7 December 1999 (1999-12-07) column 3, line 38 - column 4, line 41	15,16
Y	US 2002/101346 A1 (BUSICK LOUIS M [US]) 1 August 2002 (2002-08-01) page 3, paragraph 34	17
Y	US 2011/049180 A1 (CARPENTER GREGG [US] ET AL) 3 March 2011 (2011-03-03) paragraph [0049]	12,18
X	JP 2006 193181 A (FUJI ELECTRIC RETAIL SYSTEMS) 27 July 2006 (2006-07-27) paragraphs [0008], [0011], [0016], [0018]; figure 1	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/IB2013/055203

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2006198555 A	03-08-2006	NONE	
JP 2007186216 A	26-07-2007	NONE	
US 5997236 A	07-12-1999	AU 700506 B2	07-01-1999
		AU 5734896 A	29-11-1996
		BR 9608317 A	26-01-1999
		CA 2219494 A1	14-11-1996
		EP 0830311 A1	25-03-1998
		EP 1256914 A1	13-11-2002
		JP H11507149 A	22-06-1999
		US 5685435 A	11-11-1997
		US 5997236 A	07-12-1999
		WO 9635635 A1	14-11-1996
US 2002101346 A1	01-08-2002	CA 2450993 A1	09-01-2003
		EP 1399902 A1	24-03-2004
		US 2002101346 A1	01-08-2002
		WO 03003325 A1	09-01-2003
US 2011049180 A1	03-03-2011	US 2011049180 A1	03-03-2011
		WO 2012030644 A1	08-03-2012
JP 2006193181 A	27-07-2006	NONE	