

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
25 September 2008 (25.09.2008)

PCT

(10) International Publication Number
WO 2008/115503 A1

(51) International Patent Classification:

A47J 37/12 (2006.01)

(21) International Application Number:

PCT/US2008/003559

(22) International Filing Date: 19 March 2008 (19.03.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/918,843 19 March 2007 (19.03.2007) US

11/897,846 31 August 2007 (31.08.2007) US

(71) Applicant (for all designated States except US): **FRY-MASTER, L.L.C.** [US/US]; 8700 Line Avenue, P.O. Box 51000, Shreveport, LA 71135-1000 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **THEODOS, Michael, Andrew** [US/US]; 523 Lovers Landing, Bossier City, LA 71111 (US). **HUTCHINSON, Charles, Milton** [US/US]; 715 Coachlight Road, Shreveport, LA 71106 (US).

(74) Agent: **GREELEY, Paul, D.**; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., One Landmark Square-10th Floor, Stamford, CT 06901-2782 (US).

(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.

(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,

[Continued on next page]

(54) Title: AUTOMATIC TOP-OFF FOR DEEP FAT FRYERS

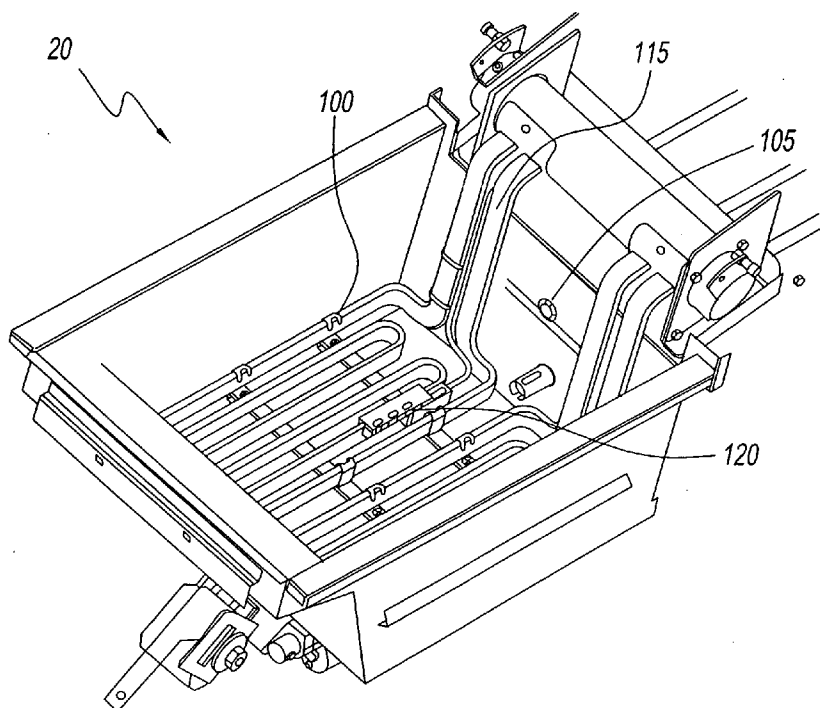


Fig. 3

(57) Abstract: A system for automatically filling and maintaining fryer pots with oil in a deep fryer having a deep fryer and a plurality of fryer pots disposed within the deep fryer. Each of the plurality of fryer pots contains a first temperature sensor and a second temperature sensor. The second temperature sensor is enabled to commence a filling cycle of a fryer pot in response to said first temperature sensor when said first temperature sensor senses a first predetermined temperature.

WO 2008/115503 A1



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).

Published:

— *with international search report*