

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
09 July 2020 (09.07.2020)



(10) International Publication Number
WO 2020/142013 A9

(51) International Patent Classification:

A47J 37/06 (2006.01) A47J 27/05 (2006.01)

(21) International Application Number:

PCT/TR2019/000085

(22) International Filing Date:

31 December 2019 (31.12.2019)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2019/02185 31 December 2018 (31.12.2018) TR

(72) Inventor; and

(71) Applicant: **ÖZCAN, Özkan** [TR/TR]; Sapanbağlan Mah.
Beyaz Lale Sok. No: 8 D:6, Pendik/İstanbul (TR).

(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, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, 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.

(54) Title: PRESSING(TOAST ETC.) AND / OR HEATING (BREAD ETC.) APPARATUS WITH SELF- MOUNTED (ROTATING ETC.) OR PORTABLE BOTTOM GRILL LID AND PORTABLE TOP GRILL LID FOR ALL HEATING CONTAINERS(POT ETC.) WITH A KETTLE/TEAPOT AND SIMILAR LOGIC

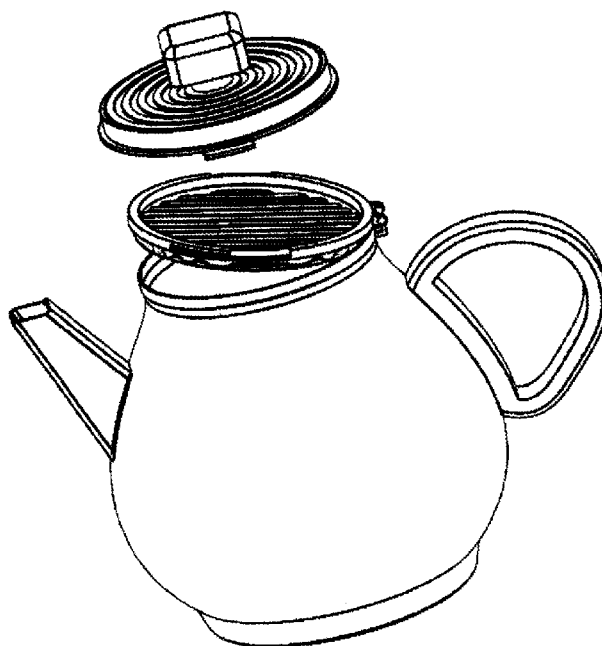


Fig. 4

(57) Abstract: Apparatus comprises bottom and top two-piece mechanism designed for making toast/heating bread and similar products and/or for pressing, instead of standard hinged-rotating lids or removable portable lids in kettle/teapot (3). Design of apparatus allows saving electrical energy, for reducing carbon emissions and for ensuring that the product is heated without burning, without using toast machine, heaters, or etc. (Note; The system will be explained through the hinged-rotating lid but the bottom grill lid (2) can be portable. Additionally, only the bottom grill lid (2) can be used on the teapot (3), the small part of the double teapot can be placed on the bottom grill lid (2) or the small part of the double teapot can be placed on the top grill lid (1). Beside, lid-pressing apparatus of similar design

(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, ST, 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).

Published:

— *with international search report (Art. 21(3))*

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

06 August 2020 (06.08.2020)

Date of publication of the revised international search report:

24 September 2020 (24.09.2020)

(15) **Information about Correction:**

see Notice of 24 September 2020 (24.09.2020)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/TR2019/000085

A. CLASSIFICATION OF SUBJECT MATTER

A47J 37/06 (2006.01)i; A47J 27/05 (2006.01)i

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)

A47J

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 198216 A (EDWIN SOLOMON) 31 May 1923 (1923-05-31) Description page 2 lines 48-60; Figures	1-12
A	US 2007075067 A1 (BACK TO BASICS PRODUCTS, LLC) 05 April 2007 (2007-04-05) Description pages 4-7, Figures	1-12
A	US 2015208862 A1 (HAMILTON BEACH BRANDS INC [US]) 30 July 2015 (2015-07-30) The whole document	1-12

☐ Further documents are listed in the continuation of Box C.☒ 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

01 September 2020

Date of mailing of the international search report

01 September 2020

Name and mailing address of the ISA/TR

Turkish Patent and Trademark Office (Turkpatent)

Hipodrom Caddesi No. 13

06560 Yenimahalle

Ankara

Turkey

Telephone No. (90-312) 303 11 82

Facsimile No. +903123031220

Authorized officer

OZLEN PEKOL

Telephone No.

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/TR2019/000085

Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
GB	198216	A	31 May 1923	GB	198216	A	31 May 1923
US	2007075067	A1	05 April 2007	CN	1806735	A	26 July 2006
				US	2006182862	A1	17 August 2006
				US	7250587	B2	31 July 2007
				WO	2006089300	A2	24 August 2006
				US	2006191891	A1	31 August 2006
				US	7250588	B2	31 July 2007
				CN	2834389Y	Y	08 November 2006
				CA	111880S	S	16 November 2006
				US	2007075067	A1	05 April 2007
				US	7238921	B2	03 July 2007
				EP	1848308	A2	31 October 2007
US	2015208862	A1	30 July 2015	US	D688513S	S	27 August 2013
				US	D695058S	S	10 December 2013
				CN	103549877	A	05 February 2014
				CN	103549877B	B	20 January 2016
				US	2014199459	A1	17 July 2014
				US	9462912	B2	11 October 2016
				US	2014217084	A1	07 August 2014
				US	9370275	B2	21 June 2016
				US	2014345476	A1	27 November 2014
				CN	104188507	A	10 December 2014
				CN	104188507B	B	24 August 2016
				US	2015157172	A1	11 June 2015
				US	10244893	B2	02 April 2019
				US	2015208862	A1	30 July 2015
				US	10010216	B2	03 July 2018
				HK	1202787	A1	09 October 2015
				CN	105520623	A	27 April 2016
				CN	105520623B	B	30 January 2018
				CN	105794906	A	27 July 2016
				US	2016255996	A1	08 September 2016
				US	9661952	B2	30 May 2017
				HK	1188698	A1	31 March 2017
				HK	1223004	A1	21 July 2017
				HK	1226253	A1	29 September 2017
				US	2018153343	A1	07 June 2018