



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
28.11.2012 Bulletin 2012/48

(51) Int Cl.:
F24C 14/02 (2006.01)

(43) Date of publication A2:
10.08.2011 Bulletin 2011/32

(21) Application number: **11382016.1**

(22) Date of filing: **24.01.2011**

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
Designated Extension States:
BA ME

(30) Priority: **29.01.2010 ES 201030124**

(71) Applicant: **Fagor, S. Coop.**
20500 Arrasate-Mondragón (ES)

(72) Inventors:
• **Zubieta Gorosabel, Urtzi**
20550, Aretxabaleta (ES)
• **Amozarrain Mendizabal, Beñat**
20500, Mondragón (ES)

(74) Representative: **Igartua, Ismael et al**
Galbaian S.Coop.
Polo de Innovación Garaia
Goiru Kalea 1 - P.O. Box 213
20500 Arrasate-Mondragón (Gipuzkoa) (ES)

(54) **Pyrolytic oven, preferably a domestic pyrolytic oven**

(57) Pyrolytic oven preferably a domestic pyrolytic oven, which comprises a cooking chamber (2) open at the front and delimited at least by one bottom surface (2b) and lateral walls (2c,2d), and heating means (4) arranged external to the cooking chamber (2) and associated to a bottom surface (2b) of the cooking chamber (2).

The heating means (4) comprise at least one first heating element that acts directly on at least one first section of at least one critical area (5), the critical area (5) being the area of connection of the bottom surface (2b) with the respective lateral surface (2c,2d) of the cooking chamber (2) when the pyrolytic oven operates in pyrolysis mode.

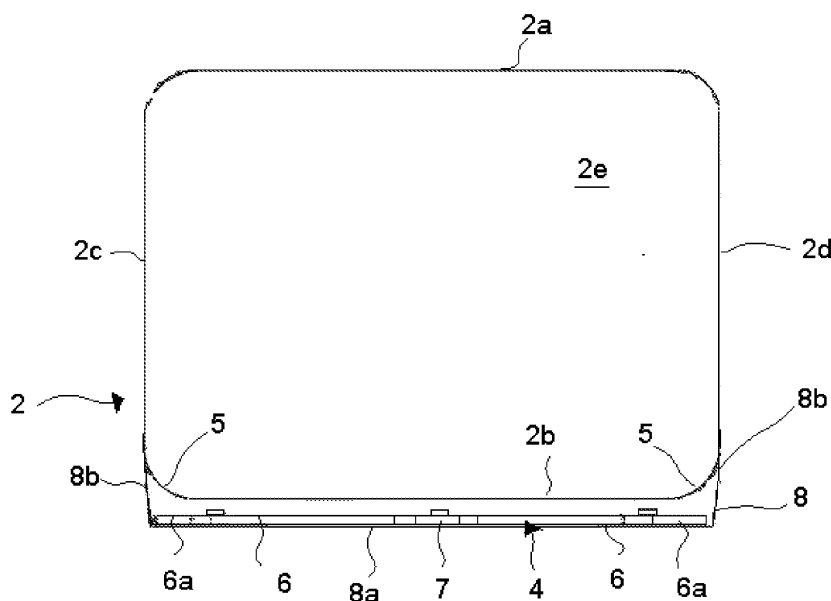


FIG. 3



EUROPEAN SEARCH REPORT

Application Number
EP 11 38 2016

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X A	GB 1 362 960 A (SCHOLTES ETS EUGEN) 7 August 1974 (1974-08-07) * the whole document *	1-7, 12-14 8-11	INV. F24C14/02
A	----- WO 2009/083390 A1 (ARCELIK AS [TR]; CELIKAG BARIS [TR]; OZCAN ERSIN [TR]; FESLIGIL ONDER) 9 July 2009 (2009-07-09) * abstract; figure 5 *	1	
A	----- DE 10 2004 003116 A1 (BSH BOSCH SIEMENS HAUSGERAETE [DE]) 11 August 2005 (2005-08-11) * abstract *	1,14	

			TECHNICAL FIELDS SEARCHED (IPC)
			F24C
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 19 October 2012	Examiner Rohr, Peter
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

2

EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 11 38 2016

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

19-10-2012

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 1362960	A	07-08-1974	BE 773837 A1	31-01-1972
			CH 556126 A	15-11-1974
			DE 7138958 U	20-01-1972
			ES 173379 Y	01-11-1972
			FR 2112596 A5	23-06-1972
			GB 1362960 A	07-08-1974
			IT 939082 B	10-02-1973
			NL 7115029 A	04-05-1972

WO 2009083390	A1	09-07-2009	TR 201005128 T1	21-02-2011
			WO 2009083390 A1	09-07-2009

DE 102004003116	A1	11-08-2005	NONE	
