

(19)



(11)

EP 2 808 631 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
22.04.2015 Bulletin 2015/17

(51) Int Cl.:
F25D 25/02 (2006.01)

(43) Date of publication A2:
03.12.2014 Bulletin 2014/49

(21) Application number: **14170177.1**

(22) Date of filing: **28.05.2014**

(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

(71) Applicant: **BSH Hausgeräte GmbH
81739 München (DE)**

(72) Inventor: **Akgün, Enis
59501 Çerkezköy Tekirdag (TR)**

(30) Priority: **31.05.2013 TR 201306500**

(54) **A cooling device comprising a container that is movable**

(57) The invention is a cooling appliance (1) comprising an inner chamber (10) defined by an inner liner (20); a container (30) movably disposed in the inner chamber (10); a support element (40) provided on a bottom wall (32) of the container (30) for carrying the container (30) on the inner liner (20); and a sliding surface (21) on the

inner liner (20) where the support element (40) moves on by contacting during the movement of the container (30); and that the support element (40) comprises a contact element (41) being in superficial contact with the sliding surface (21).

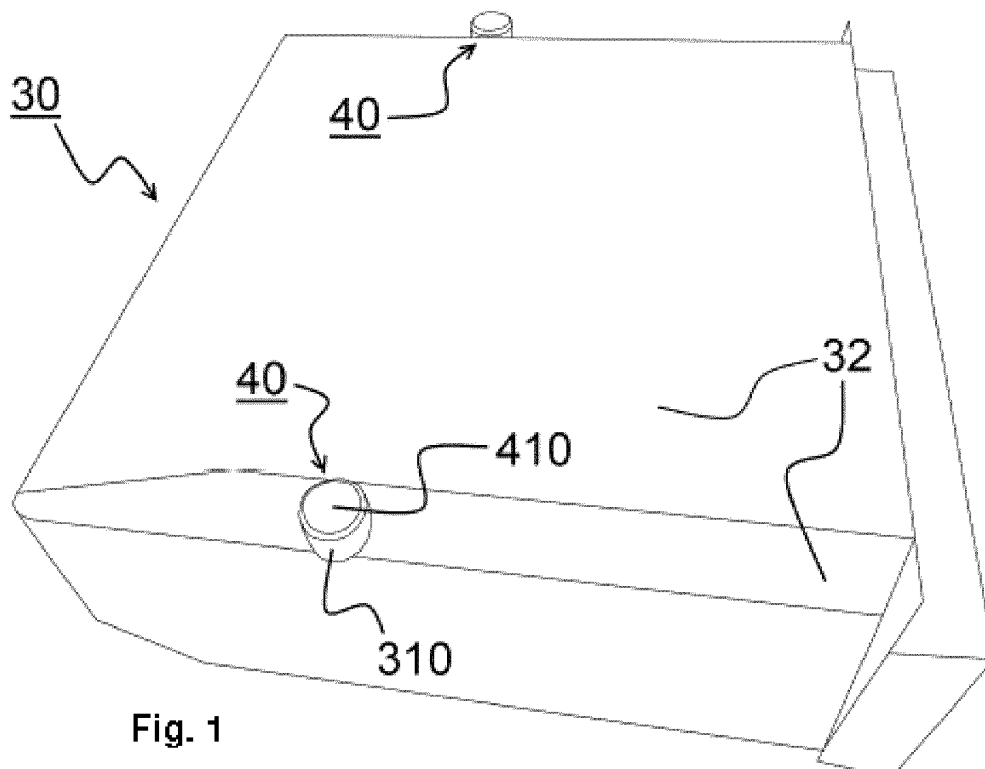


Fig. 1

EP 2 808 631 A3



EUROPEAN SEARCH REPORT

Application Number
EP 14 17 0177

5

10

15

20

25

30

35

40

45

50

55

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	DE 10 2010 039645 A1 (BSH BOSCH SIEMENS HAUSGERAETE [DE]) 23 February 2012 (2012-02-23) * figures 1-7 *	1-15	INV. F25D25/02
X	US 2012/325827 A1 (HAUSER JOSEPH MICHAEL [US] ET AL) 27 December 2012 (2012-12-27) * figures 1-7 *	1-4,13	
X	DE 10 2010 039651 A1 (BSH BOSCH SIEMENS HAUSGERAETE [DE]) 23 February 2012 (2012-02-23) * figures 1-3 *	1	
X	JP H08 193782 A (MITSUBISHI ELECTRIC CORP) 30 July 1996 (1996-07-30) * figures 7-10 *	1	
X	JP S53 38059 U (N.N.) 3 April 1978 (1978-04-03) * figures 1-3 *	1	
X	JP S48 68868 U (N.N.) 1 September 1973 (1973-09-01) * figures 1-5 *	1	TECHNICAL FIELDS SEARCHED (IPC) F25D
X	WO 2010/032557 A1 (SHARP KK [JP]; YAMASHITA TAKANORI) 25 March 2010 (2010-03-25) * figures 1-7 *	1	
X	JP S55 119694 U (N.N.) 25 August 1980 (1980-08-25) * figures 1-3 *	1	
X	JP H09 280727 A (MATSUSHITA REFRIGERATION) 31 October 1997 (1997-10-31) * figure 2 *	1	
----- -/--			
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 12 March 2015	Examiner Dezso, Gabor
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			

EPO FORM 1503 03/82 (P04C01)



EUROPEAN SEARCH REPORT

Application Number
EP 14 17 0177

5

10

15

20

25

30

35

40

45

50

55

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	KR 2009 0099880 A (LG ELECTRONICS INC [KR]) 23 September 2009 (2009-09-23) * figures 1-13 *	1	
X	DE 10 2010 039644 A1 (BSH BOSCH SIEMENS HAUSGERAETE [DE]) 23 February 2012 (2012-02-23) * figures 1-3 *	1	
X	JP S58 25991 U (N.N.) 18 February 1983 (1983-02-18) * figures 1-7 *	1	
X	KR 200 159 029 Y1 (SAMSUNG ELECTRONICS CO LTD [KR]) 15 October 1999 (1999-10-15) * figures 1-4 *	1	
			TECHNICAL FIELDS SEARCHED (IPC)
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		12 March 2015	Dezso, Gabor
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			

EPO FORM 1503 03/82 (P04/C01)

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

EP 14 17 0177

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.

12-03-2015

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 102010039645 A1	23-02-2012	CN 103210269 A	17-07-2013
		DE 102010039645 A1	23-02-2012
		EP 2609386 A2	03-07-2013
		WO 2012025382 A2	01-03-2012
US 2012325827 A1	27-12-2012	NONE	
DE 102010039651 A1	23-02-2012	CN 103069236 A	24-04-2013
		DE 102010039651 A1	23-02-2012
		EP 2609385 A2	03-07-2013
		RU 2013107641 A	27-09-2014
		WO 2012025366 A2	01-03-2012
JP H08193782 A	30-07-1996	JP 3294964 B2	24-06-2002
		JP H08193782 A	30-07-1996
JP S5338059 U	03-04-1978	NONE	
JP S4868868 U	01-09-1973	JP S512854 Y2	27-01-1976
		JP S4868868 U	01-09-1973
WO 2010032557 A1	25-03-2010	CN 102149995 A	10-08-2011
		JP 5443721 B2	19-03-2014
		JP 2010071486 A	02-04-2010
		KR 20110042362 A	26-04-2011
		WO 2010032557 A1	25-03-2010
JP S55119694 U	25-08-1980	JP S5918302 Y2	26-05-1984
		JP S55119694 U	25-08-1980
JP H09280727 A	31-10-1997	JP 3419988 B2	23-06-2003
		JP H09280727 A	31-10-1997
KR 20090099880 A	23-09-2009	NONE	
DE 102010039644 A1	23-02-2012	CN 103189699 A	03-07-2013
		DE 102010039644 A1	23-02-2012
		EP 2609384 A2	03-07-2013
		WO 2012025385 A2	01-03-2012
JP S5825991 U	18-02-1983	NONE	
KR 200159029 Y1	15-10-1999	NONE	

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82