



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
19.02.2014 Bulletin 2014/08

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

(43) Date of publication A2:
20.06.2012 Bulletin 2012/25

(21) Application number: **11193635.7**

(22) Date of filing: **15.12.2011**

(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: **15.12.2010 KR 20100128028**

(71) Applicant: **Samsung Electronics Co., Ltd.**
Suwon-si, Gyeonggi-do, 443-742 (KR)

(72) Inventors:
• **Han, Jeong Su**
Gyeonggi-do (KR)
• **Jeon, In Sang**
Seoul (KR)
• **Kimm, Duke**
Gyeonggi-do (KR)

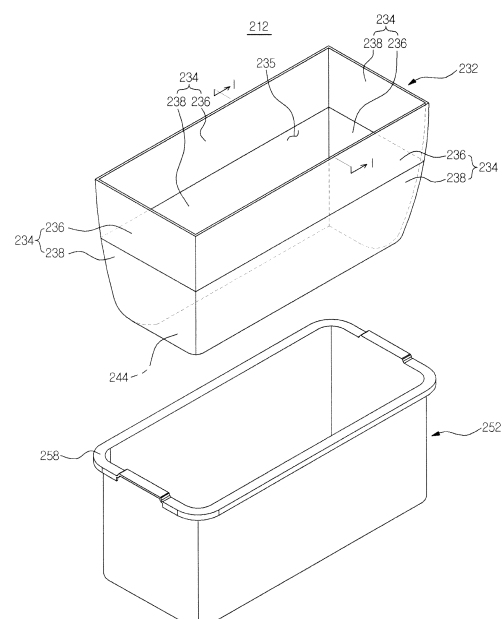
- **Lee, Kwang Hoon**
Gyeonggi-do (KR)
- **Lee, Sung Soo**
Chungcheongnam-do (KR)
- **Kim, Jung Bae**
Gyeonggi-do (KR)
- **Seo, Hyung Jin**
Gyeonggi-do (KR)
- **Kim, Song Kyoo**
Daegu (KR)
- **Jeong, Jin Ha**
Gyeonggi-do (KR)

(74) Representative: **Grünecker, Kinkeldey, Stockmair & Schwanhäusser**
Leopoldstrasse 4
80802 München (DE)

(54) **Storage container and refrigerator having the same**

(57) A refrigerator includes a main body, a storage compartment provided in the main body and including a storage space, a partition plate to divide the storage space, and a storage container supported by the partition plate. The storage container includes a container body defining the external appearance of the storage container and having a top opening, a thickness reinforced portion formed at the lower part of the container body to prevent temperature of the lower part of the container body from rapidly changing by cold air of the storage compartment, and a thermal insulating member provided in a space between the thickness reinforced portion and the container body.

FIG. 2





EUROPEAN SEARCH REPORT

Application Number
EP 11 19 3635

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	JP 2000 180041 A (MATSUSHITA REFRIGERATION) 30 June 2000 (2000-06-30)	1	INV. F25D25/02
Y	* paragraphs [0033] - [0055]; figures 1, 3, 4, 7 *	2-10	
Y	----- US 5 598 943 A (MARKUS THEODORE [US]) 4 February 1997 (1997-02-04) * column 3, line 6 - column 4, line 25; figures 1, 3, 4, 6 *	2-10	
A	----- US 6 971 539 B1 (ABBE NANCY A [US]) 6 December 2005 (2005-12-06) * column 3, line 37 - column 5, line 7; figures 1, 2A, 3-5 *	2,3,8	
			TECHNICAL FIELDS SEARCHED (IPC)
			F25D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 9 January 2014	Examiner Kolev, Ivelin
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

2
EPO FORM 1503 03.82 (P04C01)

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

EP 11 19 3635

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.

09-01-2014

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2000180041 A	30-06-2000	NONE	
US 5598943 A	04-02-1997	NONE	
US 6971539 B1	06-12-2005	NONE	

EPO FORM P0459

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