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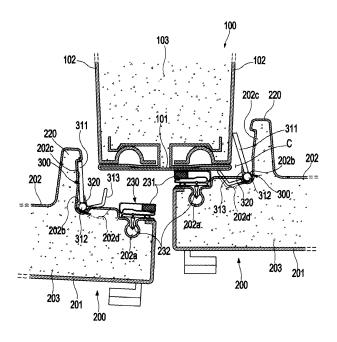
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(54) Refrigerating apparatus

(57) A refrigerator with a chilled air leakage preventing device (300) that has high insulating efficiency and an aesthetically pleasing appearance and that is not easily damaged is provided. The refrigerator with the chilled air leakage preventing device (300) includes a cabinet (100) for forming a storage compartment (110), a door

(200) for opening and closing the storage compartment (110), a gasket (230) provided to the circumference of the door (200) to seal a gap between the cabinet (100) and the door (200), and a chilled air leakage preventing member (310) for sealing the gap (C) between the cabinet (100) and the door (200) when the door (200) is closed.

FIG 3.





EUROPEAN SEARCH REPORT

Application Number EP 05 10 4583

	DOCUMENTS CONSIDER	ED 10 BE KELEVANI					
Category	Citation of document with indica of relevant passages	tion, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)			
X	US 4 653 819 A (SWERB) 31 March 1987 (1987-03 * column 4, line 3 - 1	3-31)	1-3	F25D23/08			
x	EP 0 583 983 A (GENERA 23 February 1994 (1994	L-02-23)	1				
Υ	* column 5, line 35 - figure 2 *	column 6, line 20;	8				
x	US 5 694 789 A (DO ET 9 December 1997 (1997-	 AL) -12-09)	13-15,17				
Υ	* column 3, line 1 - of figures 4,7 *	column 4, line 7;	8				
				TECHNICAL FIELDS SEARCHED (IPC)			
				F25D			
	The present search report has been	drawn up for all claims					
Place of search		Date of completion of the search		Examiner			
	Munich	5 April 2006	Zan	otti, L			
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		E : earlier patent do after the filing da D : document cited L : document cited t	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				
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EP 05 10 4583

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.

05-04-2006

P cite	atent document d in search report	t	Publication date		Patent family member(s)	Publication date
US	4653819	Α	31-03-1987	NONE		
EP	0583983	A	23-02-1994	DE DE ES JP JP US	69308960 D1 69308960 T2 2098669 T3 3373899 B2 6180180 A 5269099 A	24-04-199 02-10-199 01-05-199 04-02-200 28-06-199 14-12-199
US	5694789	А	09-12-1997	NONE		

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

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