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(54) **Refrigerating appliance**

(57) The present invention refers to a refrigerating appliance comprising a refrigerating compartment (1), a cold storage compartment (2) and a freezing compartment (3) separated from each other by means of dividing walls (4, 5) and by means of at least one door (6) or flap, and a cooling air channel where in the inflow area thereof is arranged a cooling fan (19) drawing cooling air from the refrigerating compartment (1) and the outlet area of said cooling air channel extends into the cold storage compartment (2). Spaced from back (8) of the refrigerating compartment there is arranged an insulating wall (9) extending over the entire refrigerating compartment (1), said insulating wall comprises a vertical rib (11) extending over the entire height of the wall (9), said rib extends in depth up to the back (8) forming therewith two separate parallel cooling air channels i.e. a suction channel (12) and an injection channel (13). The suction channel (12) is connected via a gap (14) in the insulating wall (9) with the area of the cold storage compartment (2) directly under the dividing wall (4) separating the refrigerating compartment (1) from the cold storage compartment (2).

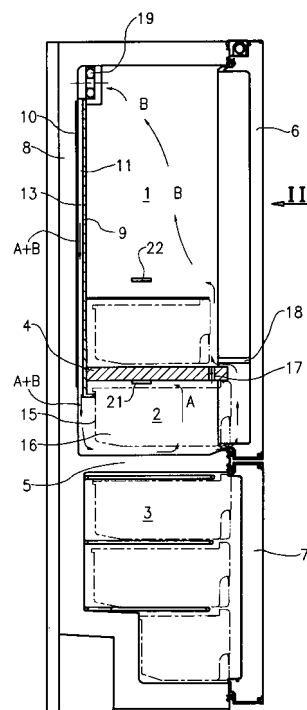


Fig. 1

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y	* column 3, line 32 - column 4, line 68; figures 1,2 *	5,6,8	
Y	----- GB 866 140 A (GENERAL MOTORS CORPORATION) 26 April 1961 (1961-04-26)	5	
A	* page 1, column 2, line 54 - page 2, column 1, line 12; figure 2 *	2,3,7	
Y	----- US 5 546 759 A (LEE ET AL) 20 August 1996 (1996-08-20)	6	
	* column 3, line 25 - column 5, line 10; figures 1,2 *		
Y	----- US 4 296 611 A (GRIFFIN ET AL) 27 October 1981 (1981-10-27)	8	
A	* column 3, line 30 - column 5, line 18; figures 1,2 *	3,7	
A	----- US 6 351 967 B1 (ADACHI TAKENORI ET AL) 5 March 2002 (2002-03-05)	1	TECHNICAL FIELDS SEARCHED (IPC)
	* column 21, line 30 - column 22, line 23; figure 14 *		F25D

The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 7 December 2005	Examiner Zanotti, 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 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	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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