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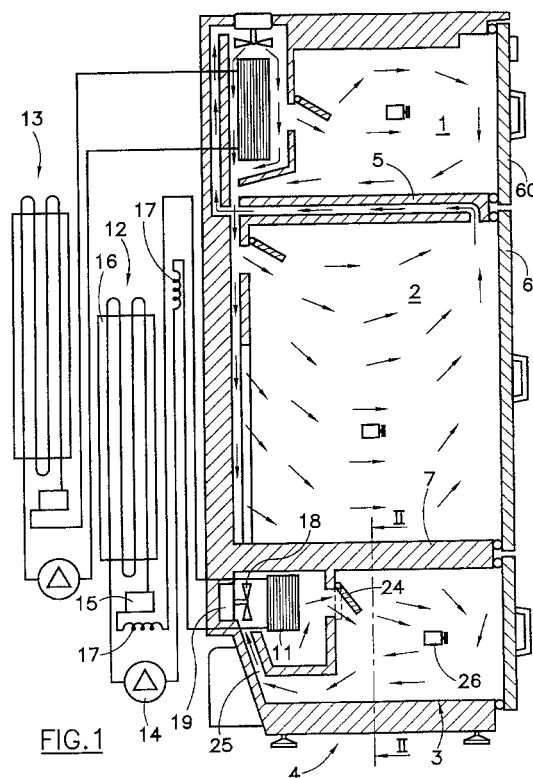
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(54) **Refrigerator with blast chiller and quick freezer**

(57) Refrigerator for home use comprising at least one first freezer compartment (1) and at least one second compartment (2) at a temperature higher than the freezer compartment that are placed inside a cabinet (4) and relative first refrigeration circuit (13). This refrigerator comprises a third compartment (3) inside the cabinet (4) with relative second refrigeration circuit (12) comprising an evaporator (11) and a fan (18) for the circulation of air that is forced by the fan (18) through the evaporator (11) and inside the third compartment (3).



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EUROPEAN SEARCH REPORT

Application Number
EP 00 20 2390

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	EP 0 192 526 A (SELNOR) 27 August 1986 (1986-08-27) * abstract; figures 1,2,5,6 * * page 4, line 19 - page 14, line 22 * ---	1	F25D11/02 F25D17/06
A	US 5 097 897 A (WATANABE MASATAKA ET AL) 24 March 1992 (1992-03-24) * abstract; figures 4-6 * * column 2, line 56 - column 5, line 15 * ---	1	
A	US 3 659 429 A (MCLEAN JOHN A) 2 May 1972 (1972-05-02) * figures 1-4 * * column 2, line 12 - column 4, line 44 * ---	2	
A	US 5 896 753 A (KIM KYUNG-SIK ET AL) 27 April 1999 (1999-04-27) * abstract; figures 6-10 * * column 4, line 19 - column 7, line 30 * -----	2	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			F25D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27 April 2001	Examiner Yousufi, S
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
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 20 2390

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27-04-2001

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0192526 A	27-08-1986	FR 2576676 A	01-08-1986
		DE 3670531 D	23-05-1990
		DK 40186 A	30-07-1986
		JP 61223471 A	04-10-1986
US 5097897 A	24-03-1992	JP 2176395 A	09-07-1990
		JP 2686123 B	08-12-1997
		KR 9301635 B	08-03-1993
US 3659429 A	02-05-1972	CA 918939 A	16-01-1973
		ES 194459 Y	01-04-1975
		GB 1303769 A	17-01-1973
		JP 50014382 B	27-05-1975
US 5896753 A	27-04-1999	KR 202591 B	15-06-1999
		KR 184230 B	01-05-1999
		DE 19746158 A	30-04-1998
		JP 3080304 B	28-08-2000
		JP 10122720 A	15-05-1998