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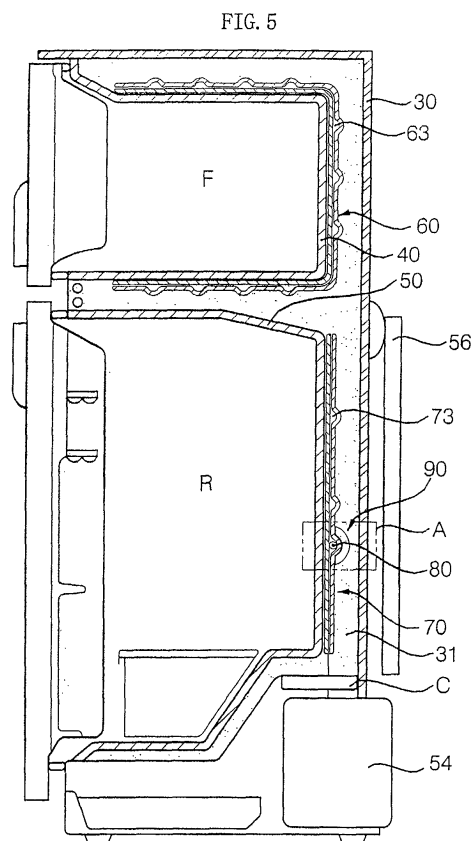
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(54) **Direct cooling type refrigerator**

(57) Disclosed is a direct cooling type refrigerator in which heat transfer promoting means (90) having a high thermal diffusivity is installed at a portion of an evaporator (70) where a temperature sensor (80) adapted to sense the temperature of the evaporator (70), in order to rapidly transfer a variation in the temperature of a thermal insulator (31) filled in the refrigerator. Accordingly, the temperature sensor (80) can rapidly sense an increase in the temperature of the thermal insulator (31) occurring in the OFF state of a compressor (54), thereby allowing the compressor (54) to be accurately and rapidly controlled.



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## EUROPEAN SEARCH REPORT

Application Number  
EP 02 00 2459

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)
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A	US 2 479 733 A (DODSON WAYNE E) 23 August 1949 (1949-08-23) * column 4, line 28 - line 37; figure 3 *	1	
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A	GB 859 093 A (PORTER & CO SALFORD LTD T) 18 January 1961 (1961-01-18) * claim 1 *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			F25D F25B G01K
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>13 January 2003</b>	Examiner <b>Jessen, F</b>
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.**

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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  
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