



(11) Publication number : **0 552 906 A3**

(12)

EUROPEAN PATENT APPLICATION

(21) Application number : **93300302.2**

(51) Int. Cl.⁵ : **F25D 21/00**

(22) Date of filing : **18.01.93**

(30) Priority : **21.01.92 JP 49020/92**

(43) Date of publication of application :
28.07.93 Bulletin 93/30

(84) Designated Contracting States :
CH DE DK ES FR GB IT LI SE

(88) Date of deferred publication of search report :
30.11.94 Bulletin 94/48

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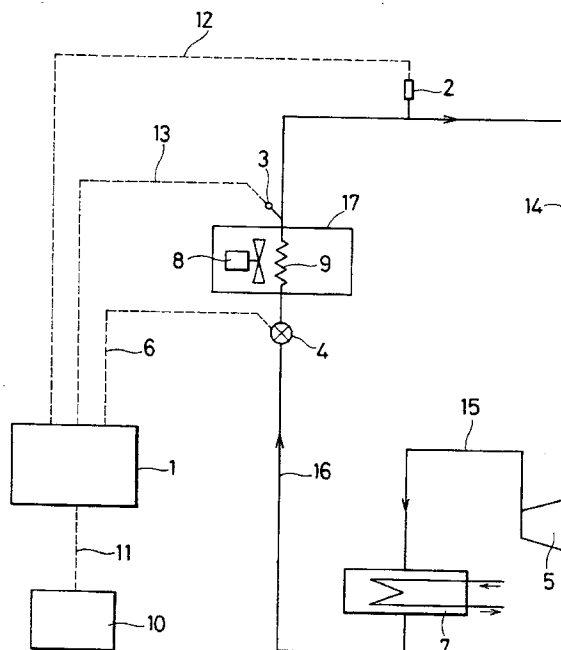
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(54) **Defrost starting method and device for refrigerant evaporators.**

(57) The expansion valve (4) is controlled by expansion valve controlling computer (1). When the maximum valve capacity of the expansion valve (4) became lower value than the setting value by increase of the frost amount which has accumulated on the refrigerant evaporator (9), defrost starts its running by the signal from expansion valve controlling computer (1). By using this method, we can protect the individual difference of the operator conducting defrosting for setting defrost starting time and the periodical defrosting regardless of the amount of accumulated frost.

Fig. 1





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 93 30 0302

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.5)
E	US-A-5 233 841 (JYREK) * column 5, line 54 - line 68; figures * ---	5-8,10, 12,13,15	F25D21/00
P,A	EP-A-0 501 387 (KÜBA KÄLTETECHNIK GMBH) * the whole document * ---	1,3,5-8, 10,12, 13,15	
A	US-A-4 674 292 (OHYA ET AL) * the whole document * ---	1,3	
A	EP-A-0 378 152 (KÜBA KÜHLERFABRIK HEINRICH W. SCHMITZ GMBH) -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
			F25D
Place of search THE HAGUE		Date of completion of the search 30 September 1994	Examiner Silvis, H
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			

EPO FORM 1503 03.92 (P4/C01)