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(54) Air conditioner and method of controlling the air conditioner

(57) Air conditioner (1) has a function capable of automatically restarting a predetermined air conditioning operation in a case where a power supply from a power source (21) to the air conditioner (1) is interrupted and then the power supply from the power source (21) thereto is recovered. Whether or not the automatically restart operation is performed is switchably set by an auto-re-start setting means. A refrigerant is reversibly circulated by a refrigerating cycle elements annularly connected with each other of an executing means whereby an air conditioning operation is executed. A content of the air conditioning operation is memorized by a memory means as an operation content data. Whether or not the interruption of the power supply and the recovery thereof occur during the air conditioning operation is judged by a judgment means. Only in a case where the performance of the automatically restart operation is set by the auto-re-start setting means and where the interruption of the power supply and the recovery thereof occur during the air conditioning operation by the judgment of the judgment means, the operation content data is read out by a control means from the memory means and the control means makes the executing means restart automatically an air conditioning operation according to the readout operation content data.

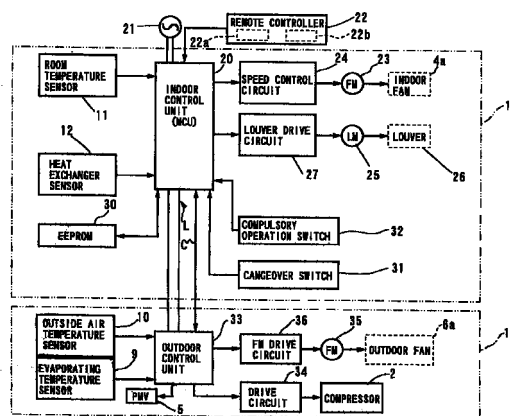


FIG. 2



European Patent
Office

EUROPEAN SEARCH REPORT

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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 (Int.Cl.6)
X	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 11, 26 December 1995 (1995-12-26) & JP 07 208789 A (HITACHI LTD), 11 August 1995 (1995-08-11) * abstract *	1,17	F24F11/00
A	--- PATENT ABSTRACTS OF JAPAN vol. 007, no. 070 (P-185), 23 March 1983 (1983-03-23) & JP 57 212699 A (MITSUBISHI DENKI KK), 27 December 1982 (1982-12-27) * abstract * -----	1,17	TECHNICAL FIELDS SEARCHED (Int.Cl.6) F24F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 31 January 2000	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 97 30 5776

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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31-01-2000

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 07208789 A	11-08-1995	NONE	
JP 57212699 A	27-12-1982	NONE	