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

(57) In an air conditioner (1), a refrigerant circulation cycle is constituted by sequentially connecting a compressor (2), an indoor heat exchanger (4) having an indoor fan (4a), a PMV and an outdoor heat exchanger (6) having an outdoor fan (6a). An alternative refrigerant having a saturated pressure higher than that of HCFC22 (R22) at the same temperature is used as a refrigerant. The blowout angle of air blown out from the indoor fan

(4a) is vertically regulated by lateral louvers. An indoor controller, a louver motor (LM) and a louver drive circuit are adapted to control, at the start of heating operation, the lateral louvers (27a,27b) so as to direct the air flow upward toward a ceiling side in the room and, when the indoor heat exchanger (4) reaches a state capable of executing heat exchange operation, adapted to control the lateral louvers (27a,27b) so as to direct the air flow downward toward a floor side in the room.

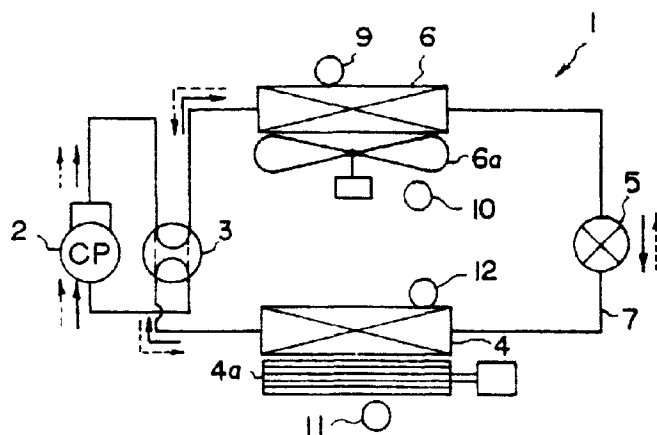


FIG. 1

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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)
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A	PATENT ABSTRACTS OF JAPAN vol. 007, no. 159 (M-228), 13 July 1983 & JP 58 066744 A (HITACHI SEISAKUSHO KK), 21 April 1983, * abstract *	1	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27 July 1998	Examiner Nuytens, 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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EUROPEAN SEARCH REPORT

Application Number
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The present search report has been drawn up for all claims			
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