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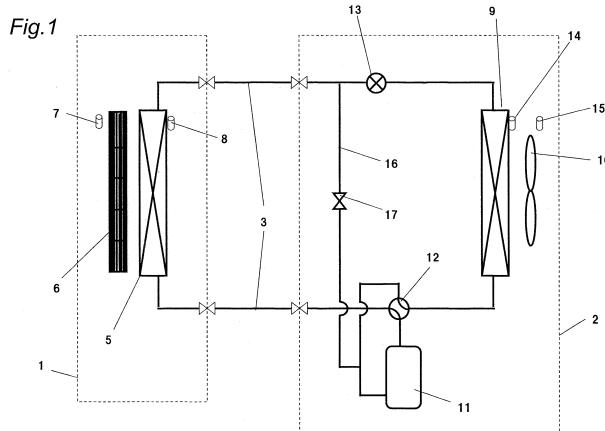
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(54) Air conditioner

(57) The air conditioner is capable of executing heating operation while user's comfort is maintained. The air conditioner includes an indoor temperature detection means 7 for detecting an indoor temperature, and a target temperature setting means for setting a target temperature, wherein a specified compressor-stop condition that is satisfied when a state that the indoor temperature is higher than the target temperature by a specified temperature difference has lasted for a specified duration time is previously set, and wherein after the indoor temperature has exceeded the target temperature and when the specified compressor-stop condition is satisfied, the compressor 11 is stopped. The air conditioner further in-

cludes a bypass circuit 16 for connecting one point between the indoor heat exchanger 5 and the pressure reducer 13 with another point between the four-way valve 12 and an inlet port of the compressor 11, and a bypass-use two-way valve 17 provided in the bypass circuit 16. After the indoor temperature has exceeded the target temperature and before the specified compressor-stop condition is satisfied, the bypass-use two-way valve 17 is opened. Thus, the likelihood that the compressor 11 may be stopped and the air conditioning may be stopped is lowered, so that the indoor user's comfort can be maintained.





EUROPEAN SEARCH REPORT

Application Number

EP 12 15 7794

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
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The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
Munich	14 January 2015	Szilagyi, Barnabas	
CATEGORY OF CITED DOCUMENTS			
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EP 12 15 7794

5

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10

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55