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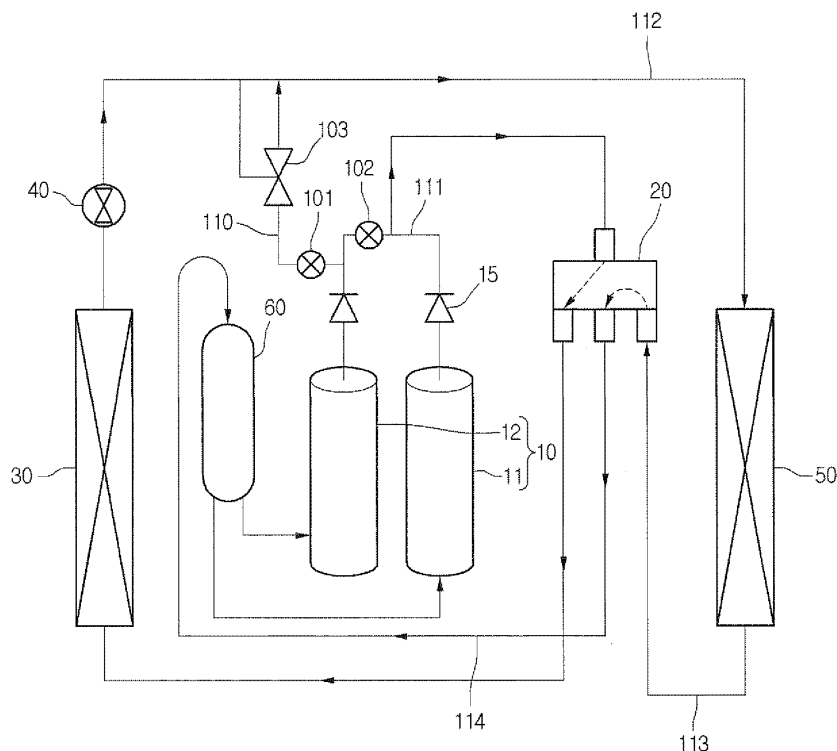
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(54) **Air conditioning system and method of controlling the same**

(57) Provided are an air conditioning system and a controlling method thereof. According to the system and method, frost on an outdoor heat exchanger can be removed while a heating mode operation is continuously

performed, and power consumption can be reduced. Also, refrigerant of higher temperature than that of a heating mode is supplied to the outdoor heat exchanger to extend defrosting mode period.

FIG. 1





EUROPEAN SEARCH REPORT

Application Number
EP 07 11 2181

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			F25B
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 13 January 2010	Examiner Ritter, Christoph
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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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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