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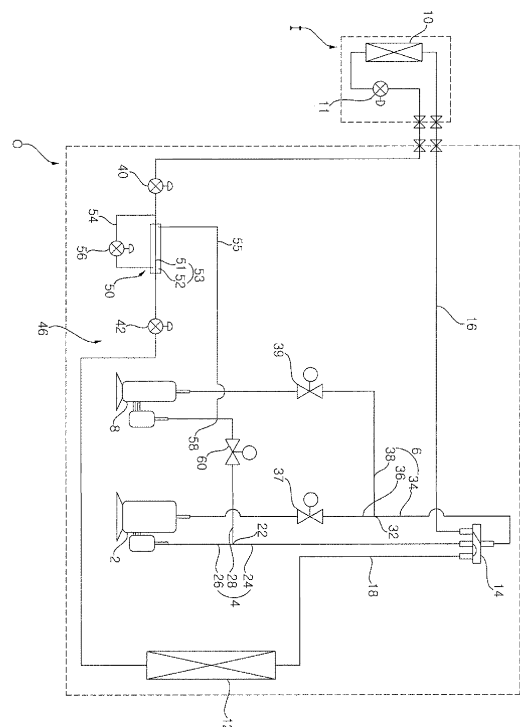
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(54) **Air conditioner**

(57) Disclosed is an air conditioner including a plurality of compressors (2) (8) compressing a refrigerant, a first heat exchanger (10) for condensing the refrigerant compressed in the compressor (2), a first expansion valve (40) for expanding the condensed refrigerant, a second expansion valve (42) for expanding the refrigerant emerging from the first expansion valve (40), a second heat exchanger (12) for evaporating the refrigerant emerging from the second expansion valve (42). The refrigerant from the first expansion valve (40) is guided such that a portion of the refrigerant is introduced into one of the compressors (2) (8) after bypassing the second expansion valve (42) and second heat exchanger (12), and a remaining portion of the refrigerant is introduced into another one of the compressors (2)(8) after passing through the second expansion valve (42) and second heat exchanger (12), to minimize electric power consumption and to enhance heating performance.

FIG. 1





## EUROPEAN SEARCH REPORT

Application Number  
EP 11 16 6009

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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 1 December 2014	Examiner Gaspar, Ralf
CATEGORY OF CITED DOCUMENTS		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	
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			

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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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