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(54) **Air conditioner**

(57) The present invention provides an air conditioner including a case, a compressor provided in the case, an evaporator, a condenser, an air duct system for heat ventilation or air refrigeration selectively, and piping members used thereof. The said compressor is positioned at the bottom of the case, and the said evaporator and condenser are mounted above the compressor side by side. The said air duct system is provided in the top of the case. On each side of the said case there are cooled air outlet for evaporator and heated air outlet for condenser. The air conditioner is convenient to use and a 4-way solenoid valve and repeated piping members, regularly used for transition between heating and cooling, are left out. The air conditioner provided by this invention is in a structure type of single refrigeration, but has function of cooling and heating.

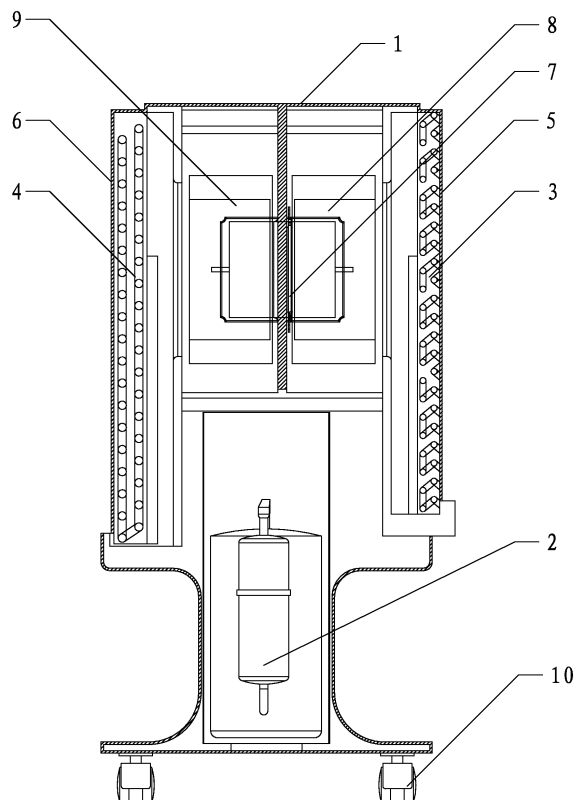


Fig. 1



EUROPEAN SEARCH REPORT

Application Number
EP 07 11 1513

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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 16 September 2009	Examiner González-Granda, C
<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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