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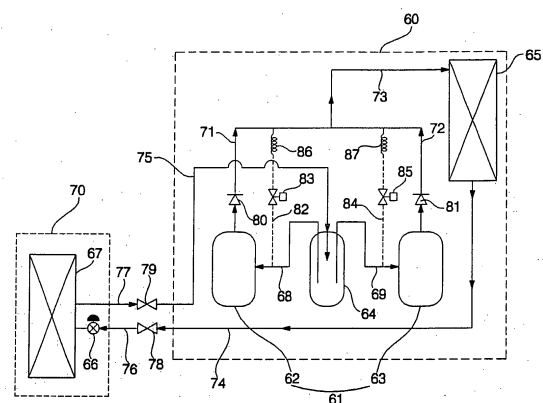
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(54) **Air conditioner and method for controlling the same**

(57) An air conditioner and a method for controlling the same are disclosed herein. The air conditioner has a capillary tube (86,87) equipped to a connecting tube which connects a suction pipe (68,69) and a discharge pipe (71,72) of a compressor (62,63) and has an opening/closing valve (83,85) equipped therein, thereby allowing pressure equilibrium between the suction pipe and the discharge pipe of a compressor to be maintained when the compressor stops operating, and allowing a discharge flux of the compressor to be appropriately controlled when a load is lower than a capacity of the controller under operation. As a result, the air conditioner does not require a separate bypass unit, thereby simplifying the construction of the air conditioner while minimizing the installation space thereof through omission of a separate bypass unit, leading to reduction in costs.

FIG. 2





EUROPEAN SEARCH REPORT

Application Number
EP 05 01 3041

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Place of search The Hague		Date of completion of the search 2 December 2011	Examiner de Graaf, Jan Douwe
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
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