

Title (en)

Air conditioner and method for controlling the same

Title (de)

Klimaanlage und Regelverfahren dafür

Title (fr)

Dispositif de climatisation et méthode de régulation pour celui-ci

Publication

**EP 1672299 A2 20060621 (EN)**

Application

**EP 05013041 A 20050616**

Priority

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Abstract (en)

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.

IPC 8 full level

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