

Title (en)  
AIR-CONDITIONING CONTROL METHOD IN AN AIR SYSTEM, AND DEVICE

Title (de)  
VERFAHREN ZUR GEREGLTEN LUFTKONDITIONIERUNG IN EINER LUFTTECHNISCHEN ANLAGE UND VORRICHTUNG

Title (fr)  
PROCÉDÉ DE CONDITIONNEMENT D'AIR CONTRÔLÉ DANS UNE INSTALLATION DE CLIMATISATION ET DISPOSITIF

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Application  
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Abstract (en)  
[origin: WO2013104350A2] The invention relates to an air-conditioning control method in an air system. A specified target air state, which is characterized at least by the temperature and the humidity of the air, is set for air in an initial air state. The air in the initial air state is conditioned using an air cooler (42) for which a coolant volume flow rate and a coolant inlet temperature of a coolant that is fed to the air cooler (42) are regulated during the air-conditioning process. The coolant is fed to the air cooler (42) via a temperature controlling device (45) with which the coolant inlet temperature is adjusted and via a volume flow rate adjusting device (44) with which the coolant volume flow rate is adjusted. A control device is coupled to the volume flow rate adjusting device (44) and the temperature controlling device (45) and regulates the volume flow rate adjusting device (44) and the temperature controlling device (45) in order to set the specified target air state. The invention further relates to an air-conditioning control device.

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