

Title (en)

REFRIGERANT FLOW CONTROL METHOD AND DEVICE FOR AIR CONDITIONER AND COMPUTER STORAGE MEDIUM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STEUERUNG EINES KÄLTEMITTELSTROMS FÜR EINE KLIMAAANLAGE UND
COMPUTERSPEICHERMEDIUM

Title (fr)

PROCÉDÉ ET DISPOSITIF DE RÉGULATION D'ÉCOULEMENT DE FLUIDE FRIGORIGÈNE POUR CLIMATISEUR, ET SUPPORT
D'INFORMATIONS INFORMATIQUE

Publication

EP 3828473 A1 20210602 (EN)

Application

EP 19861603 A 20190527

Priority

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Abstract (en)

The present application discloses a refrigerant flow control method and device for air conditioner and a computer storage medium, relating to the technical field of intelligent household electrical appliance. An air conditioner comprises an outdoor unit and at least two indoor units, each indoor unit is connected with the outdoor unit by means of a corresponding throttling device; the method comprises: acquiring a suction temperature of a compressor in the outdoor unit and acquiring coil temperatures of the indoor units; when a first temperature difference between the suction temperature and the average coil temperature is greater than a preset one, adjusting parameters of at least one throttling device so as to increase the refrigerant flow in the throttling device, the average coil temperature being an average value of the coil temperatures; when the first temperature difference is less than the preset one, adjusting parameters of at least one throttling device so as to reduce the refrigerant flow in the throttling device. Thus, the unification of single-split type indoor unit and multi-split type indoor unit is realized and the resources are saved.

IPC 8 full level

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