

Title (en)
AIR CONDITIONER POWER CONSUMPTION ESTIMATION METHOD AND DEVICE

Title (de)
VERFAHREN UND VORRICHTUNG ZUR KALKULATION DES ENERGIEVERBRAUCHS EINER KLIMAANLAGE

Title (fr)
PROCÉDÉ ET DISPOSITIF D'ESTIMATION DE CONSOMMATION D'ÉNERGIE DE CLIMATISEUR

Publication
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Application
EP 18794528 A 20180428

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Abstract (en)
[origin: EP3546842A1] The present invention discloses a method for estimating power consumption of an air conditioner, and belongs to the technical field of air conditioners. The method includes: acquiring types of n first air conditioners which are located in the same region with a second air conditioner, and operating parameters of each of the first air conditioners within a time period T (S101), wherein the operating parameters include s times of powers Preported by each of the first air conditioners within the time period T and an operating time tcorresponding to each power P; determining power correction coefficients aof the n first air conditioners according to the types of the n first air conditioners and the type of the second air conditioner (S102); and calculating estimated power consumption W1 of the second air conditioner within the time period T according to the operating parameters within the time period T and the power correction coefficient aof each of the n first air conditioners (S103). The present invention also discloses a device for estimating power consumption of an air conditioner.

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• See references of WO 2018201996A1

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