

Title (en)

AIR CONDITIONER AND FILTER REGENERATION CONTROL METHOD FOR AIR CONDITIONER

Title (de)

KLIMAANLAGE UND FILTERREGENERATIONSSTEUERVERFAHREN FÜR EINE KLIMAANLAGE

Title (fr)

CLIMATISEUR ET PROCÉDÉ DE COMMANDE DE RÉGÉNÉRATION DE FILTRE POUR CLIMATISEUR

Publication

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Application

EP 07828355 A 20070925

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Abstract (en)

The present invention has an object to provide an air conditioner in which regeneration of a gas adsorption filter and discharge of gas can be performed without adding a large-scale structure, and a filter regeneration control method for the air conditioner. First, the air conditioner is started (Step S101), and then stopped (Step S102). Subsequently, a total operating time since last filter regeneration control is checked, in most cases, by means of a timer integrated in a computer program that is executed on a computer of a control device. It is then determined whether the total time has exceeded a predetermined time, for example, 125 hours (Step S103). If not exceeded, it is determined that the regeneration control is not necessary, and the control is ended. When the total time has exceeded the predetermined time, a fan of the indoor equipment is rotated at a slow speed, and a discharge fan of a ventilator is run (Step S104). Thereafter, a heating-up control is executed to heat heat exchangers to high temperatures (Step S105).

IPC 8 full level

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