

Title (en)

Method of controlling vanes of ceiling type air conditioner

Title (de)

Verfahren zur Steuerung von Luftleitelementen einer in einer Decke angeordneten Klimaanlage

Title (fr)

Méthode de contrôle des ailettes de guidage d'un appareil de climatisation dans le plafond

Publication

EP 1726891 B1 20090812 (EN)

Application

EP 06009544 A 20060509

Priority

KR 20050038853 A 20050510

Abstract (en)

[origin: EP1726891A1] A method of controlling a ceiling type air conditioner to rapidly generate uniform airflow in a room is disclosed. The method includes the steps of controlling the angle of the vanes (21-24) to be a predetermined maximum angle (X4) to increase the airflow to a maximum airflow when initiating the ceiling type air conditioner, and decreasing the angle of the vanes from the maximum angle to a predetermined minimum angle (X1) step by step by a predetermined time interval to adjust the airflow. The airflow with the maximum rate can be supplied when initiating the air conditioner such that the chilled/heated airflow rapidly reaches the floor to improve the satisfaction of people in the indoor region. The rate of the airflow varies as time passes so that the uniform airflow can be rapidly supplied and the air conditioning efficiency can be improved.

IPC 8 full level

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CPC (source: EP KR US)

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