

Title (en)

Apparatus and method for controlling air current in sleep mode of air conditioner

Title (de)

Vorrichtung und Verfahren zur Steuerung des Luftstroms einer Klimaanlage im Schlafmodus

Title (fr)

Appareil et procédé de contrôle du courant d'air en mode de veille pour un climatiseur

Publication

EP 1925887 A3 20130306 (EN)

Application

EP 07108537 A 20070521

Priority

KR 20060116079 A 20061122

Abstract (en)

[origin: EP1925887A2] An apparatus and method for controlling an air current in a sleep mode of an air conditioner, in which the directions of air discharged through discharge holes and the volume of the discharged air are controlled so as to reduce power consumption while creating a comfortable sleeping environment. The method for controlling an air current in a sleep mode of an air conditioner having blades for adjusting directions of discharged air, includes determining whether the sleep mode is inputted; sensing an indoor temperature, when it is determined that the sleep mode is inputted; and comparing the sensed indoor temperature with a set control temperature, and adjusting the directions of the discharged air according to the results of the comparison.

IPC 8 full level

F24F 11/00 (2006.01)

CPC (source: EP KR US)

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Citation (search report)

- [E] EP 1811239 A2 20070725 - SAMSUNG ELECTRONICS CO LTD [KR]
- [X] EP 0324462 A2 19890719 - MITSUBISHI ELECTRIC CORP [JP]
- [A] JP 2000171072 A 20000623 - SANYO ELECTRIC CO
- [A] JP 2001116319 A 20010427 - LG ELECTRONICS INC

Cited by

CN110895010A; CN105147242A; CN102147138A; JP2019117039A; US10302326B2; WO2018117352A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1925887 A2 20080528; **EP 1925887 A3 20130306**; **EP 1925887 B1 20170830**; CN 101187491 A 20080528; CN 101187491 B 20100609; ES 2649754 T3 20180115; KR 20080046522 A 20080527

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