Title (en)

AIR CONDITIONING DEVICE

Title (de)

KLIMATISIERUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE CLIMATISATION

Publication

EP 3505837 A1 20190703 (EN)

Application

EP 16914177 A 20160824

Priority

JP 2016074669 W 20160824

Abstract (en)

An air conditioning device capable of performing air blow control with taken into account the surface temperature of a site of a human body hidden by an obstacle such as furniture and appropriately blowing conditioned air to the human body of a user is provided. To achieve this, the air conditioning device includes: an air blow mechanism capable of changing the direction of conditioned air blown out through an air outlet port; a temperature sensor configured to detect surface temperature in a predetermined detection range; a human body identify part configured to detect a human body based on a result of the detection by the temperature sensor and identify a region in which the detected human body exists; a floor temperature sensor configured to detect floor temperature; an estimated temperature calculator configured to identify a site of the human body in which the temperature of the human body is not detected by the temperature sensor in the region in which the human body exists and calculate an estimated temperature value of the identified site of the human body based on a result of the detection by the temperature sensor and a result of the detection by the floor temperature sensor; and an air blow control unit configured to control the air blow mechanism based on the estimated temperature value of the site of the human body.

IPC 8 full level

F24F 11/30 (2018.01)

CPC (source: EP)

F24F 1/0007 (2013.01); **F24F 11/79** (2017.12); F24F 2120/12 (2017.12)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3505837 A1 20190703; **EP 3505837 A4 20190821**; **EP 3505837 B1 20200617**; CN 109564023 A 20190402; CN 109564023 B 20201023; JP 6627982 B2 20200108; JP WO2018037503 A1 20190620; WO 2018037503 A1 20180301

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