

Title (en)

CONTROL METHOD FOR AIR TREATMENT SYSTEM, AND AIR TREATMENT SYSTEM

Title (de)

STEUERUNGSVERFAHREN FÜR LUFTBEHANDLUNGSSYSTEM UND LUFTBEHANDLUNGSSYSTEM

Title (fr)

PROCÉDÉ DE COMMANDE POUR SYSTÈME DE TRAITEMENT D'AIR, ET SYSTÈME DE TRAITEMENT D'AIR

Publication

EP 4170254 A1 20230426 (EN)

Application

EP 21829420 A 20210621

Priority

- CN 202010575726 A 20200622
- JP 2021023484 W 20210621

Abstract (en)

Provided are an air treatment system control method and an air treatment system that effectively prevent the appearance of mold with ease. The present invention provides an air treatment system control method for permitting an air treatment system to implement a mold prevention mode and, in the mold prevention mode, permitting the air treatment system to implement a mold preventing operation of decreasing a relative humidity in a target space to be adjusted by the air treatment system when the relative humidity is higher than a target relative humidity. The air treatment system control method includes setting the target relative humidity at a% when a relation of the relative humidity \leq a% is satisfied, and changing the target relative humidity in accordance with an indoor temperature when a relation of the relative humidity $>$ a% is satisfied.

IPC 8 full level

F24F 11/62 (2018.01)

CPC (source: CN EP)

F24F 3/065 (2013.01 - CN); **F24F 3/14** (2013.01 - CN EP); **F24F 3/1405** (2013.01 - EP); **F24F 3/153** (2013.01 - EP); **F24F 11/0008** (2013.01 - EP);
F24F 11/64 (2017.12 - CN EP); **F24F 11/65** (2017.12 - CN EP); **F24F 11/84** (2017.12 - CN EP); **F24F 13/22** (2013.01 - EP);
F24F 2013/221 (2013.01 - EP); **F24F 2110/10** (2017.12 - CN EP); **F24F 2110/20** (2017.12 - CN EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4170254 A1 20230426; EP 4170254 A4 20231115; CN 113899059 A 20220107; CN 113899059 B 20231031; JP 7343824 B2 20230913;
JP WO2021261459 A1 20211230; WO 2021261459 A1 20211230

DOCDB simple family (application)

EP 21829420 A 20210621; CN 202010575726 A 20200622; JP 2021023484 W 20210621; JP 2022531985 A 20210621