

Title (en)

WINDLESS FEELING CONTROL METHOD AND DEVICE AND COMPUTER READABLE STORAGE MEDIUM

Title (de)

STEUERUNGSVERFAHREN UND -VORRICHTUNG FÜR WINDLOSES GEFÜHL SOWIE COMPUTERLESBARES SPEICHERMEDIUM

Title (fr)

PROCÉDÉ ET DISPOSITIF DE RÉGULATION DE SENSATION D'ABSENCE DE VENT, ET SUPPORT D'INFORMATIONS LISIBLE PAR ORDINATEUR

Publication

EP 3604961 A1 20200205 (EN)

Application

EP 18896076 A 20180209

Priority

- CN 201711499083 A 20171228
- CN 2018076022 W 20180209

Abstract (en)

The present disclosure provides a method for controlling a breezeless mode, including: obtaining an indoor temperature, a turbulence intensity, and a draft rate of a fan after the fan is in the breezeless mode; obtaining a first wind speed of the fan, and determining a target temperature of the fan according to the first wind speed, the turbulence intensity, and the draft rate; and adjusting a compressor frequency of the fan according to a difference between the indoor temperature and the target temperature, and controlling the fan to operate according to the adjusted compressor frequency. The present disclosure further provides a device for controlling a breezeless mode and a computer readable storage medium. As such, the control of the compressor frequency of the fan is realized according to the difference between the indoor temperature and the target temperature. Moreover, as the compressor frequency is adjusted through the difference, the indoor temperature corresponding to the fan can be also changed accordingly. So that the difference can be dynamically changed, for controlling the fan to run adaptively in the breezeless mode.

IPC 8 full level

F24F 11/00 (2018.01); **F24F 11/89** (2018.01); **F24F 110/10** (2018.01)

CPC (source: EP)

F24F 11/86 (2017.12); **F24F 2110/30** (2017.12); **F24F 2120/20** (2017.12); **F24F 2221/10** (2013.01)

Cited by

WO2023282433A1

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

DOCDB simple family (publication)

EP 3604961 A1 20200205; **EP 3604961 A4 20200610**; **EP 3604961 B1 20210407**; CN 108224713 A 20180629; CN 108224713 B 20190628; HU E054016 T2 20210830; JP 2020517856 A 20200618; WO 2019127860 A1 20190704

DOCDB simple family (application)

EP 18896076 A 20180209; CN 201711499083 A 20171228; CN 2018076022 W 20180209; HU E18896076 A 20180209; JP 2019557430 A 20180209