

Title (en)

TEMPERATURE CONTROL SYSTEM AND METHODS FOR OPERATING SAME

Title (de)

TEMPERATURSTEUERUNGSSYSTEM UND VERFAHREN ZUM BETRIEB DAVON

Title (fr)

SYSTÈME DE RÉGULATION DE TEMPÉRATURE ET SES PROCÉDÉS DE FONCTIONNEMENT

Publication

EP 3497377 A4 20191120 (EN)

Application

EP 16912865 A 20160919

Priority

- US 201615231943 A 20160809
- US 2016052556 W 20160919

Abstract (en)

[origin: WO2018031052A1] A method for operating a temperature control system is disclosed. The method includes monitoring an interior and exterior temperature of a structure, defining a first time range and a second time range, associating one or more operating parameters of the temperature control system with the first time range, associating one or more operating parameters of the temperature control system with the second time range, monitoring operational time and operational load of the cooling system for the first time range, predicting a space temperature and an outdoor air temperature for a subsequent time period, and controlling a ventilation subsystem during the second time range based upon the monitored operational time and operational load of the cooling subsystem for the first time range, the predicted space temperature, the predicted outdoor air temperature, and the one or more operating parameters of the cooling subsystem associated with the second time range.

IPC 8 full level

F24F 11/65 (2018.01); **F24F 11/46** (2018.01); **F24F 11/61** (2018.01); **F24F 110/10** (2018.01); **F24F 110/12** (2018.01); **F24F 110/20** (2018.01); **F24F 140/50** (2018.01)

CPC (source: EP)

F24F 11/46 (2017.12); **F24F 11/61** (2017.12); **F24F 11/65** (2017.12); **F24F 2110/10** (2017.12); **F24F 2110/12** (2017.12); **F24F 2110/20** (2017.12); **F24F 2140/50** (2017.12)

Citation (search report)

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DOCDB simple family (application)

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