

Title (en)
ROOM TEMPERATURE ESTIMATING DEVICE, PROGRAM

Title (de)
RAUMTEMPERATUR-MESSVORRICHTUNG, PROGRAMM

Title (fr)
PROGRAMME, DISPOSITIF D'ESTIMATION DE TEMPÉRATURE AMBIANTE

Publication
EP 2944891 B1 20190911 (EN)

Application
EP 14738327 A 20140109

Priority

- JP 2013003586 A 20130111
- JP 2014000056 W 20140109

Abstract (en)
[origin: EP2944891A1] A room temperature estimating device (10) includes a storage (13), a prediction formula producer (15), a prediction change obtainer (16), and a room temperature estimator (17). The prediction formula producer (15) produces, based on pieces of room temperature data and pieces of outside air temperature data corresponding to a specified time in each of two or more days during a given extraction period, which are stored in the storage (13), a prediction formulae expressing a relation between the pieces of the room temperature data and the pieces of the outside air temperature data at the specified time. The room temperature estimator (17) determines, based on a temporal change in outside air temperature obtained by the prediction change obtainer (16), an outside air temperature at a target date and time corresponding to the specified time, and applies the determined outside air temperature to the prediction formula, and thereby to estimate a room temperature at the target date and time.

IPC 8 full level
F24F 11/62 (2018.01); **F24F 11/30** (2018.01); **F24F 11/64** (2018.01)

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F24F 11/30 (2017.12 - CN EP US); **F24F 11/62** (2017.12 - CN EP); **F24F 11/89** (2017.12 - CN); **F24F 2110/10** (2017.12 - CN); **F24F 11/64** (2017.12 - EP); **F24F 2110/10** (2017.12 - EP); **F24F 2110/12** (2017.12 - EP)

Cited by
US11989002B2

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DOCDB simple family (publication)
EP 2944891 A1 20151118; **EP 2944891 A4 20160420**; **EP 2944891 B1 20190911**; CN 104919252 A 20150916; CN 104919252 B 20171024; JP 2014134360 A 20140724; JP 6160945 B2 20170712; WO 2014109290 A1 20140717

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