

Title (en)

Method for setting the operating type of a heat pump

Title (de)

Verfahren zur Betriebsarteinstellung einer Wärmepumpe

Title (fr)

Procédé de réglage du type de fonctionnement d'une pompe à chaleur

Publication

EP 1988348 A1 20081105 (DE)

Application

EP 08007819 A 20080423

Priority

AT 6702007 A 20070430

Abstract (en)

The method involves using an average value of temperature, which is detected by an external temperature sensor over a time period of an even number of a whole day for switching between a heating mode, cooling mode and a standby mode. A predetermined time period is adjustable, where a good thermal insulation and a high storage capacity of a building in which a heat pump is operated is used for a long time. The times of night phase remains unconsidered or considered with less weight.

Abstract (de)

Bei einem Verfahren zur Betriebsarteinstellung einer Wärmepumpe mit einem Außentemperaturfühler dient der Mittelwert über einen vorgegebenen Zeitraum der mittels des Außentemperaturfühlers erfassten Temperatur zur Umschaltung zwischen dem Heizbetrieb, dem Kühlbetrieb und der Bereitschaft.

IPC 8 full level

F24F 11/00 (2006.01); **F25B 13/00** (2006.01)

CPC (source: EP US)

F24F 11/30 (2017.12 - EP); **F24F 11/67** (2017.12 - EP US); **F25B 13/00** (2013.01 - EP); **F24F 11/65** (2017.12 - EP); **F24F 2110/32** (2017.12 - EP); **F24F 2221/54** (2013.01 - EP); **F25B 2700/2106** (2013.01 - EP)

Citation (applicant)

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- JP 2004028440 A 20040129 - SANKI ENG CO LTD
- JP S5935745 A 19840227 - HITACHI LTD
- JP 2003083586 A 20030319 - MATSUSHITA ELECTRIC IND CO LTD
- JP 2007003096 A 20070111 - TOSHIBA CORP
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Citation (search report)

- [X] JP 2003083586 A 20030319 - MATSUSHITA ELECTRIC IND CO LTD
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CN110857806A; CN111193261A; CN110925943A; EP2597386A1; DE102022117671A1; WO2024012866A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1988348 A1 20081105; **EP 1988348 B1 20120201**; AT 505216 A1 20081115; AT 505216 B1 20110615; AT E544037 T1 20120215; DE 102008020338 A1 20081106; DK 1988348 T3 20120514; ES 2381048 T3 20120522

DOCDB simple family (application)

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