

Title (en)
HEATING SYSTEM CONTROL METHOD AND HEATING SYSTEM

Title (de)
STEUERVERFAHREN FÜR EIN HEIZSYSTEM UND HEIZSYSTEM

Title (fr)
PROCÉDÉ DE COMMANDE DE SYSTÈME DE CHAUFFAGE ET SYSTÈME DE CHAUFFAGE

Publication
EP 2851635 A4 20151230 (EN)

Application
EP 13790186 A 20130412

Priority
• JP 2012112706 A 20120516
• JP 2013002520 W 20130412

Abstract (en)
[origin: EP2851635A1] A method of controlling a heating system includes: obtaining an output modulation instruction indicating an output modulation period (S101); determining a first defrost condition for a period outside the output modulation period and a second defrost condition for the output modulation period (S102, S103); and causing a defrost mode to start (S112) when a defrost initiation condition is met (Yes in S111) and the defrost mode to stop (S114) when a defrost termination condition is met (Yes in S113). In the determining (S102, S103), a continuous operation time in the defrost mode under the second defrost condition is made to be shorter than under the first defrost condition by making the defrost initiation condition or the defrost termination condition in the second defrost condition different from that of the first defrost condition.

IPC 8 full level
F25B 47/02 (2006.01); **F24D 3/18** (2006.01); **F24D 19/10** (2006.01); **F25B 30/02** (2006.01); **F25B 49/02** (2006.01); **F25D 21/00** (2006.01)

CPC (source: EP US)
F24D 19/1039 (2013.01 - EP US); **F25B 30/02** (2013.01 - EP); **F25B 47/025** (2013.01 - EP); **F25B 49/02** (2013.01 - EP); **F25D 21/002** (2013.01 - EP); **F25B 2339/047** (2013.01 - EP); **F25B 2600/01** (2013.01 - EP)

Citation (search report)
• [YA] US 2011035075 A1 20110210 - TOMITA YASUSHI [JP], et al
• [YA] JP 2011080716 A 20110421 - HITACHI APPLIANCES INC
• [A] US 5493867 A 19960227 - SZYNAL JOSEPH M [US], et al
• [A] EP 2426436 A1 20120307 - AERMEC SPA [IT]
• See references of WO 2013171971A1

Cited by
CN111033152A

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

DOCDB simple family (publication)
EP 2851635 A1 20150325; **EP 2851635 A4 20151230**; **EP 2851635 B1 20180613**; JP 2015158360 A 20150903; JP 5820998 B2 20151124; JP WO2013171971 A1 20160112; WO 2013171971 A1 20131121

DOCDB simple family (application)
EP 13790186 A 20130412; JP 2013002520 W 20130412; JP 2013548132 A 20130412; JP 2015093345 A 20150430