

Title (en)

Method for operating a system having at least one heating control and/or regulation device, heating control and/or regulation device and system

Title (de)

Verfahren zum Betreiben einer Anlage mit zumindest einer Heizungssteuerungs- und/oder -regelungseinrichtung, Heizungssteuerungs- und/oder -regelungseinrichtung sowie Anlage

Title (fr)

Dispositif de fonctionnement d'une installation ayant au moins un dispositif de réglage et/ou de commande de chauffage, dispositif de réglage et/ou de commande de chauffage et installation

Publication

EP 2913734 A3 20151223 (DE)

Application

EP 15154354 A 20150209

Priority

DE 102014203667 A 20140228

Abstract (en)

[origin: CN104883752A] For operating a plant having at least one heating control device and/or heating adjust devices (2,3,4) for a heating element (12), values for an energy consumption and/or an instantaneous power draw of the heating element (12) are determined, without using measured values for electric currents, on the basis of characteristic parameters of the heating element and on the basis of values of control and/or adjust parameter of the heating power of the control and/or adjustment of the heating element. This enables the network load to be determined, reported and optimized by the control and/or heating control devices even without complex and therefore expensive measuring devices in the control and/or heating control device.

IPC 8 full level

H05B 1/02 (2006.01)

CPC (source: EP US)

H05B 1/02 (2013.01 - US); **H05B 1/023** (2013.01 - EP US); **H05B 3/02** (2013.01 - US)

Citation (search report)

- [XYI] DE 19529313 A1 19970213 - SIEMENS AG [DE]
- [Y] EP 0408472 A1 19910116 - EUROTHERM AUTOMATION SA [FR]
- [XI] DE 202013003006 U1 20130425 - SIEMENS AG [DE]

Cited by

EP3706018A1

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 2913734 A2 20150902; EP 2913734 A3 20151223; EP 2913734 B1 20190327; CN 104883752 A 20150902; CN 104883752 B 20200107; DE 102014203667 A1 20150903; TW 201535110 A 20150916; US 2015250023 A1 20150903; US 9980319 B2 20180522

DOCDB simple family (application)

EP 15154354 A 20150209; CN 201510067564 A 20150209; DE 102014203667 A 20140228; TW 104104327 A 20150210; US 201514635283 A 20150302