

Title (en)

Power supply device for a jar heater and method for its operation

Title (de)

Stromversorgungsvorrichtung für eine Tiegelheizung und Verfahren zu deren Betrieb

Title (fr)

Dispositif d'alimentation en courant pour le chauffage d'un creuset et son procédé de fonctionnement

Publication

EP 2555585 B1 20170705 (DE)

Application

EP 11176125 A 20110801

Priority

EP 11176125 A 20110801

Abstract (en)

[origin: EP2555585A1] The apparatus (10) has two heating circuits (26, 30), where each heating circuit comprises a process control unit (36) for controlling two power supply modules (12-20). Each heating circuit comprises outputs parts (24, 29) that are connected in parallel to power supply modules. A heating control unit (32) is connected between a process control device and the power supply modules for controlling and monitoring the power supply modules. Each power supply module includes three identical sub-modules, which are connected via an internal system bus. Independent claims are also included for the following: (1) a method for operating a power source device (2) a computer program product having a program code unit with a set of instructions to perform a method for operating a power source device (3) a digital memory medium i.e. disk, with a set of instructions to perform a method for operating a power source device.

IPC 8 full level

H05B 1/02 (2006.01); **H05B 3/02** (2006.01); **H05B 6/04** (2006.01); **H05B 6/06** (2006.01)

CPC (source: EP US)

H05B 1/02 (2013.01 - US); **H05B 1/0202** (2013.01 - US); **H05B 3/02** (2013.01 - US); **H05B 6/04** (2013.01 - EP US);
H05B 6/067 (2013.01 - EP US)

Cited by

CN108419307A

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 2555585 A1 20130206; **EP 2555585 B1 20170705**; CN 102912423 A 20130206; CN 102912423 B 20170707; US 2013193133 A1 20130801

DOCDB simple family (application)

EP 11176125 A 20110801; CN 201210272810 A 20120801; US 201213563119 A 20120731