

Title (en)

Method and circuit assembly for controlling at least one heating element of a heating device

Title (de)

Verfahren sowie Schaltungsanordnung zum Steuern wenigstens eines Heizelementes eines Heizgerätes

Title (fr)

Procédé et circuit destinés à la commande d'au moins un élément de chauffe d'un appareil de chauffage

Publication

EP 1838137 B1 20130515 (DE)

Application

EP 07005902 A 20070322

Priority

- DE 102006013811 A 20060323
- DE 102006030446 A 20060629
- DE 102006038832 A 20060818

Abstract (en)

[origin: EP1838137A1] The method involves using an electrical temperature sensor for the measurement of the temperature of the heating element (1) or the temperature of a heated surface of heating element as well as for automatic switching-off or backspace shifting of the heating element. The trigger criterion is formed in logic depending on current operating parameters of one of the heating element or of the heater having the heating element. An independent claim is also included for the switching arrangement for controlling a heating element e.g. a heating element of electrical cooking or baking equipment.

IPC 8 full level

H05B 3/74 (2006.01)

CPC (source: EP US)

H05B 3/746 (2013.01 - EP US); **H05B 2213/07** (2013.01 - EP US)

Cited by

WO2009112150A3; WO2013186062A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1838137 A1 20070926; EP 1838137 B1 20130515; DE 102006038832 A1 20070927; PL 1838137 T3 20130930; US 2007221656 A1 20070927; US 7947930 B2 20110524

DOCDB simple family (application)

EP 07005902 A 20070322; DE 102006038832 A 20060818; PL 07005902 T 20070322; US 72396607 A 20070322