

Title (en)

Method and device of determination of heating processus

Title (de)

Verfahren und Vorrichtung zur Erkennung von Erwärmungsvorgängen

Title (fr)

Méthode et dispositif de reconnaissance de processus de chauffage

Publication

EP 1492385 B1 20090729 (DE)

Application

EP 04013591 A 20040609

Priority

DE 10329840 A 20030627

Abstract (en)

[origin: EP1492385A2] The method involves measuring and evaluating a temperature profile for a cover (1) during a heating process. The temperature profile is recorded and evaluated after an energy input interval by determining the gradient of the profile and recognizing a normal heating process if the gradient exceeds a threshold and a faulty profile if it is equal to or less than the profile. An independent claim is also included for the following: (a) a device for detecting heating processes in a cooker plate.

IPC 8 full level

H05B 3/74 (2006.01)

CPC (source: EP US)

H05B 3/746 (2013.01 - EP US); **H05B 2213/04** (2013.01 - EP US); **H05B 2213/07** (2013.01 - EP US)

Cited by

US9549437B2; EP1768461A1; EP3307019A1; US2017074744A1; US10119881B2; EP2741570A1; CN104823518A; WO2008064898A1; US10820381B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1492385 A2 20041229; EP 1492385 A3 20060517; EP 1492385 B1 20090729; AT E438281 T1 20090815; DE 10329840 A1 20050120; DE 502004009808 D1 20090910; ES 2330631 T3 20091214; US 2004262292 A1 20041230; US 6888110 B2 20050503

DOCDB simple family (application)

EP 04013591 A 20040609; AT 04013591 T 20040609; DE 10329840 A 20030627; DE 502004009808 T 20040609; ES 04013591 T 20040609; US 87761004 A 20040625