

Title (en)

Hob and method for controlling an energy supply to a heating element of a hob

Title (de)

Kochfeld und Verfahren zur Steuerung einer Energiezufuhr an ein Heizelement eines Kochfeldes

Title (fr)

Champ de cuisson et procédé de commande de l'apport énergétique sur un élément de chauffe d'un champ de cuisson

Publication

**EP 2472999 B1 20160316 (DE)**

Application

**EP 11194251 A 20111219**

Priority

DE 102010064294 A 20101229

Abstract (en)

[origin: EP2472999A1] The cooking hob (110) has a heating element (207) and a control element (155) for inputting a control parameter (215) for heating element in a cooking zone (115). A protection device (210) modifies the control parameter and outputs a modified control parameter (230) to the heating element so as to control the temperature of the heating element to a defined maximum temperature, and/or the gradient of heating element to a defined temporal temperature gradient. An independent claim is included for method for controlling energy input to heater of hob.

IPC 8 full level

**H05B 1/02** (2006.01); **H05B 3/74** (2006.01); **H05B 6/06** (2006.01); **H05B 11/00** (2006.01)

CPC (source: EP)

**H05B 3/746** (2013.01); **H05B 6/062** (2013.01); **H05B 2213/04** (2013.01); **H05B 2213/07** (2013.01)

Cited by

CN109932930A; US11570853B2; EP3863372A1; EP3863372B1; EP2704523B1; EP2704523B2

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 2472999 A1 20120704; EP 2472999 B1 20160316**; DE 102010064294 A1 20120705; ES 2565759 T3 20160406

DOCDB simple family (application)

**EP 11194251 A 20111219**; DE 102010064294 A 20101229; ES 11194251 T 20111219