

Title (en)

Device and method to control the cooktop surface of a glass ceramic plate

Title (de)

Vorrichtung und Verfahren zur Steuerung von Kochfeldern mit Glaskeramikkochflächen

Title (fr)

Dispositif et méthode de régulation de chauffage d'une plaque céramique

Publication

**EP 1154675 B1 20020918 (DE)**

Application

**EP 01103428 A 20010214**

Priority

DE 10023179 A 20000511

Abstract (en)

[origin: EP1154675A1] The cooking field control device uses a conductor path structure for providing at least one inductive cooking pan detector and a temperature monitor in combination, the temperature monitoring conductor paths positioned at the edge and the center of the cooking zone (4). An Independent claim for a cooking field control method for a glass ceramic hob is also included.

IPC 1-7

**H05B 1/00**; **H05B 1/02**; **H05B 3/00**

IPC 8 full level

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

CPC (source: EP US)

**H05B 3/746** (2013.01 - EP US); **H05B 2213/05** (2013.01 - EP US); **H05B 2213/07** (2013.01 - EP US)

Cited by

CN101936554A; EP3026981A1; EP2763500A1; US10433375B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1154675 A1 20011114**; **EP 1154675 B1 20020918**; AT E224629 T1 20021015; DE 10023179 A1 20011122; DE 10023179 C2 20020718; DE 50100026 D1 20021024; DK 1154675 T3 20021202; ES 2182810 T3 20030316; PL 347461 A1 20011119; US 2001052519 A1 20011220; US 6501054 B2 20021231

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**EP 01103428 A 20010214**; AT 01103428 T 20010214; DE 10023179 A 20000511; DE 50100026 T 20010214; DK 01103428 T 20010214; ES 01103428 T 20010214; PL 34746101 A 20010510; US 85085601 A 20010508