

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

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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