

Title (en)

COOKING SURFACE COMPRISING A TEMPERATURE SENSOR

Title (de)

KOCHFELD MIT TEMPERATURFÜHLER

Title (fr)

ENSEMBLE PLAQUE DE CUISSON DOTE D'UN CAPTEUR DE TEMPERATURE

Publication

EP 1258170 A1 20021120 (DE)

Application

EP 01903691 A 20010202

Priority

- DE 10006954 A 20000216
- EP 0101145 W 20010202

Abstract (en)

[origin: DE10006954A1] The cooking hob has a ceramic glass hob surface, with at least one heating element (5) positioned beneath it, for heating a cooking pan placed on the hob surface and a temperature sensor (29) within the heating element, for detecting the temperature of the underside of the hob surface, for controlling the heating power for the heating element. The temperature sensor is attached to a fixing element (25) extending from a point within the heating element to a point outside the heating element, with a reception section (27) for the temperature sensor and a fixing section or a connecting section (49) for connecting to an electrical cable (51) at its opposite ends, which are radially and axially offset from one another. Also included are Independent claims for the following: (a) a heating element for a ceramic cooking hob; (b) a fixing element for a temperature sensor for a ceramic hob heating element

IPC 1-7

H05B 3/74

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)

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WO 0162046 A1 20010823; AT E381875 T1 20080115; DE 10006954 A1 20011011; DE 50113397 D1 20080131; EP 1258170 A1 20021120; EP 1258170 B1 20071219; US 2003024923 A1 20030206; US 6580058 B2 20030617

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