

Title (en)
COOKING SURFACE COMPRISING A TEMPERATURE SENSOR

Title (de)
KOCHFELD MIT TEMPERATURFÜHLER

Title (fr)
SURFACE DE CUISSON AVEC CAPTEUR DE TEMPERATURE

Publication
EP 1258172 A1 20021120 (DE)

Application
EP 01905756 A 20010209

Priority
• DE 10006974 A 20000216
• EP 0101428 W 20010209

Abstract (en)
[origin: DE10006974A1] The cooker hob zone has a hob plate with at least one heating element underneath it to heat a cooking pot and a temperature sensor connected to a control unit for controlling the heating power of the heating element. A heat conducting element in the heating element is in thermally conducting contact with the underside of the plate and the temperature sensor is attached to it in this area. The cooker hob zone has a hob plate (3) with at least one heating element (5) underneath it to heat a cooking pot (6) placed on the cooking plate and a temperature sensor (29) mounted in the heating element, in thermally conducting contact with the underside of the plate and connected to a control unit for controlling the heating power of the heating element. A heat conducting element (25) in the heating element is in thermally conducting contact with the underside of the plate and the temperature sensor is attached to it in this area. Independent claims are also included for the following: a heating element for a cooker zone.

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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