

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 B1 20060913 (DE)

Application
EP 01905756 A 20010209

Priority
• DE 10006974 A 20000216
• EP 0101428 W 20010209

Abstract (en)
[origin: WO0162049A1] The invention relates to a known cooking surface comprising a hotplate (3), beneath which at least one heating element (5) for heating a cooking vessel that can be placed on the hotplate is located and comprising a temperature sensor (29) for detecting the temperature of the hotplate. In the heating element, said temperature sensor is in heat-conductive contact with the underside of the hotplate and is connected to a control unit (101) which controls the heat output of the heating element (5). To simplify assembly, in the heating element a heat-conducting element (25; 75) is in contact with the underside of the hotplate and in said area, the temperature sensor (29) is fixed to the element (25; 75).

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)

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)
WO 0162049 A1 20010823; AT E339867 T1 20061015; DE 10006974 A1 20010823; DE 50111005 D1 20061026; EP 1258172 A1 20021120; EP 1258172 B1 20060913; US 2003019863 A1 20030130; US 7573003 B2 20090811

DOCDB simple family (application)
EP 0101428 W 20010209; AT 01905756 T 20010209; DE 10006974 A 20000216; DE 50111005 T 20010209; EP 01905756 A 20010209; US 22304102 A 20020816