

Title (en)

Cooking apparatus with temperature detection and method for detecting temperature in a cooking apparatus

Title (de)

Kochgerät mit Temperaturerfassung und Verfahren zur Temperaturerfassung an einem Kochgerät

Title (fr)

Appareil de cuisson muni d'une détection de température et son procédé de détection associé à un appareil de cuisson.

Publication

**EP 1615469 A3 20070905 (DE)**

Application

**EP 05014417 A 20050702**

Priority

DE 102004033454 A 20040707

Abstract (en)

[origin: EP1615469A2] The cooking device has a support for a cooking pot (15), a heating device for the cooking pot and a temperature detection device for the pot at a point on the outside of the pot. The temperature detection device has at least one quotient pyrometer (20a,20b) and a controller with a memory for processing the signal of the pyrometer to determine the temperature of the pot using data from the memory. An independent claim is also included for a method of detecting the temperature of a cooking pot.

IPC 8 full level

**H05B 3/74** (2006.01)

CPC (source: EP)

**H05B 3/746** (2013.01)

Citation (search report)

- [X] US 6375350 B1 20020423 - STEIN ALEXANDER [US]
- [A] EP 0592361 A1 19940413 - ALUSUISSE LONZA SERVICES AG [CH]
- [A] DE 19500351 A1 19960711 - PHILIPS PATENTVERWALTUNG [DE]

Cited by

CN104897303A; EP2562480A1; US10721796B2; US8581159B2; WO2014075654A1; WO2008148529A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1615469 A2 20060111; EP 1615469 A3 20070905; DE 102004033454 A1 20060126**

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