

Title (en)

Pot presence and size detection

Title (de)

Anwesenheit- und/oder Grössetopferkennung

Title (fr)

Dispositif de reconnaissance de présence et/ou de taille d'un pot

Publication

EP 1087640 B1 20061102 (DE)

Application

EP 00119241 A 20000906

Priority

- DE 19945297 A 19990922
- US 66663600 A 20000921

Abstract (en)

[origin: EP1087640A2] The detection device has a resistance heating element (1) positioned below a hob cooking zone used simultaneously as a capacitive sensor, for detecting the presence of a cooking pan and/or the cooking pan size, by connecting the resistance heating element in an oscillator circuit and evaluating the oscillator resonance frequency.

IPC 8 full level

H05B 3/74 (2006.01)

CPC (source: EP US)

H05B 3/746 (2013.01 - EP US); **H05B 2213/05** (2013.01 - EP US)

Cited by

EP2763500A1; WO2007042316A1

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1087640 A2 20010328; EP 1087640 A3 20030917; EP 1087640 B1 20061102; AT E344609 T1 20061115; DE 19945297 A1 20010329; DE 50013682 D1 20061214; ES 2275464 T3 20070616; US 6259069 B1 20010710

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