

Title (en)
Control device for a cooking appliance

Title (de)
Steuerungsvorrichtung für eine Kochanwendung

Title (fr)
Dispositif de commande pour appareil de cuisson

Publication
EP 2099256 A1 20090909 (EN)

Application
EP 09382026 A 20090227

Priority
ES 200800616 A 20080303

Abstract (en)
Control device for a cooking appliance, the cooking appliance comprising a glass-ceramic hob, at least one radiant heater that is disposed beneath the glass-ceramic hob and which defines a respective cooking area on said glass-ceramic hob and a support that is disposed on the glass-ceramic hob at a certain distance in relation to said glass-ceramic hob, and the control device comprising absence detection means for detecting the absence of a cooking vessel supported on the corresponding cooking area. Absence detection means are disposed on the support and comprise at least one optical receiver that receives an optical radiation emitted by the radiant heater when said radiant heater is switched on and in the absence of the cooking vessel on the cooking area associated to said switched-on radiant heater, said optical receiver being connected to a first control unit of the control device disposed on the support.

IPC 8 full level
H05B 3/74 (2006.01); **F24C 15/10** (2006.01); **H05B 1/02** (2006.01)

CPC (source: EP ES)
F24C 15/102 (2013.01 - EP); **F24C 15/20** (2013.01 - EP); **H05B 1/02** (2013.01 - ES); **H05B 1/0266** (2013.01 - EP); **H05B 3/746** (2013.01 - EP); **H05B 2213/05** (2013.01 - EP)

Citation (applicant)
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2099256 A1 20090909; ES 2342700 A1 20100712; ES 2342700 B1 20110516

DOCDB simple family (application)
EP 09382026 A 20090227; ES 200800616 A 20080303