

Title (en)

CONTROL DEVICE, CONTROL METHOD, AND INDUCTION COOKER

Title (de)

STEUERUNGSVORRICHTUNG, STEUERUNGSVERFAHREN UND INDUKTIONSKOCHER

Title (fr)

DISPOSITIF DE COMMANDE, PROCÉDÉ DE COMMANDE ET APPAREIL DE CUISSON À INDUCTION

Publication

EP 3340737 B1 20190904 (EN)

Application

EP 16206195 A 20161222

Priority

EP 16206195 A 20161222

Abstract (en)

[origin: EP3340737A1] The present invention provides a control device for an induction cooker, the control device comprising a driving circuit (4) configured to controllably drive an induction coil (6) of the induction cooker (2) with a power signal (5), a controller (7) coupled to the driving circuit (4) and configured to control the driving circuit (4) with a control signal (8) to drive the induction coil (6) with the power signal (5), and a first measurement device (9) configured to measure a temperature (10) of the induction coil (6) and provide the measured temperature to the controller (7), wherein the controller (7) is configured to determine the filling level of a cooking vessel (3) based on the measured temperature (10) and adapt the control signal (8) according to the determined filling level. The present invention further provides a respective method and an induction cooker.

IPC 8 full level

H05B 6/06 (2006.01)

CPC (source: EP)

H05B 6/062 (2013.01)

Cited by

CN113993237A; EP4240108A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3340737 A1 20180627; EP 3340737 B1 20190904; TR 201702940 A2 20180723

DOCDB simple family (application)

EP 16206195 A 20161222; TR 201702940 A 20170227