

Title (en)
Heating device for induction cooking devices

Title (de)
Heizvorrichtung für ein Induktionsgargerät

Title (fr)
Dispositif de chauffage pour appareils de cuisson à induction

Publication
EP 1732357 A3 20080730 (DE)

Application
EP 06113590 A 20060505

Priority
ES 200501472 A 20050608

Abstract (en)
[origin: EP1732357A2] The device has an inductor heating a heating unit of a cooking container and a control unit. The control unit monitors the heating unit on reaching the cooking temperature. The monitoring takes place by adjusting the frequency of alternating current that flow through the inductor and detection of an electrical parameter based on a time period. The control unit controls an output of inductor based on the parameter. An independent claim is also included for a method for controlling a heating device for an induction cooking device.

IPC 8 full level
H05B 6/06 (2006.01)

CPC (source: EP ES)
H05B 6/06 (2013.01 - ES); **H05B 6/062** (2013.01 - EP); **H05B 2213/05** (2013.01 - EP)

Citation (search report)
[X] GB 2062985 A 19810528 - MATSUSHITA ELECTRIC IND CO LTD

Cited by
EP2194755A1; EP2194756A1; EP2175690A1; EP2326140A1; US2013161317A1; EP3300453A1; CN109792804A; US11330678B2; AU2017329374B2; US2010084395A1; EP3267113A1; US8466394B2; WO2018054617A1; US8754351B2; US9006622B2; US8598497B2; US9131537B2; DE102016115284A1; WO2018033399A1; US10857741B2; US8530805B2; US8563905B2; US8492685B2; EP3386270A1; US10136477B2; US10708982B2; US11979962B2

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 1732357 A2 20061213; EP 1732357 A3 20080730; ES 2292299 A1 20080301; ES 2292299 B1 20081016

DOCDB simple family (application)
EP 06113590 A 20060505; ES 200501472 A 20050608