

Title (en)
Induction heating apparatus

Title (de)
Induktionsheizgerät

Title (fr)
Appareil de chauffage à induction

Publication
EP 1708545 A2 20061004 (DE)

Application
EP 05112999 A 20051227

Priority
ES 200500812 A 20050331

Abstract (en)
The device has an inductor (10) for transmission of heat energy using heat oscillation on a heating unit which is to be heated. A control unit (20) is provided for utilization of the inductor as an antenna for transmission of information signal different from the heat oscillation. The control unit generates the information signal and transmits the signal to the inductor. The unit controls the generation of heat oscillation. An independent claim is also included for an induction heating method.

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 2213/06** (2013.01 - EP)

Citation (applicant)
US 3742178 A 19730626 - HARNDEN J

Cited by
DE102015111389B4; DE102009029250A1; DE102016114838B4; EP3914042A1; EP2605615A3; DE102015111389A1; DE102010002655B4; EP3282816A1; DE102016114838A1; DE102010039071A1; DE102011081835A1; WO2022048836A1; WO2015028076A1; US10411507B2; US10090884B2; US9967924B2; US10327288B2; US10904956B2; DE102010002655A1; WO2013182406A1; WO2014016032A1; US9603201B2; DE102009029250B4; EP2373201B1; EP2094059A2; EP3282816B1; EP2380393B1

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 1708545 A2 20061004; **EP 1708545 A3 20061220**; **EP 1708545 B1 20101020**; AT E485699 T1 20101115; DE 502005010412 D1 20101202; ES 2284317 A1 20071101; ES 2284317 B1 20080716

DOCDB simple family (application)
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