

Title (en)

METHOD, CONTROL CIRCUIT FOR A LAUNDRY DRYER HEATED BY INDUCTION AND LAUNDRY DRYER

Title (de)

VERFAHREN, ANSTEUERSCHALTUNG FÜR EINEN INDUKTIONSBEHEIZTEN WÄSCHETROCKNER UND WÄSCHETROCKNER

Title (fr)

PROCÉDÉ, CIRCUIT DE COMMANDE POUR UN SÈCHE-LINGE CHAUFFÉ PAR INDUCTION ET SÈCHE-LINGE

Publication

**EP 3327195 B1 20190814 (DE)**

Application

**EP 17198448 A 20171026**

Priority

DE 102016122744 A 20161125

Abstract (en)

[origin: US2018148886A1] A method for energizing an induction heater of a laundry dryer includes energizing the induction heater to heat a drum of the laundry dryer; interrupting the energization of the induction heater for a time interval, allowing an oscillator circuit of the induction heater to freely oscillate; measuring a resonant frequency of the oscillator circuit during the time interval; and determining a temperature of the drum based on the measured resonant frequency.

IPC 8 full level

**D06F 58/26** (2006.01); **D06F 58/28** (2006.01); **D06F 58/04** (2006.01)

CPC (source: EP US)

**D06F 58/34** (2020.02 - EP US); **H05B 6/06** (2013.01 - US); **D06F 34/20** (2020.02 - EP US); **D06F 58/04** (2013.01 - EP US); **D06F 58/26** (2013.01 - EP US); **D06F 2103/00** (2020.02 - EP US); **D06F 2105/28** (2020.02 - EP US)

Cited by

US2019048517A1; US10808350B2; WO2021187875A1

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 3327195 A1 20180530**; **EP 3327195 B1 20190814**; DE 102016122744 A1 20180530; US 10590595 B2 20200317; US 2018148886 A1 20180531

DOCDB simple family (application)

**EP 17198448 A 20171026**; DE 102016122744 A 20161125; US 201715814452 A 20171116