

Title (en)
INFRARED CENTRING SYSTEM FOR INDUCTION COOKING SURFACE

Title (de)
INFRAROTZENTRIERUNGSSYSTEM FÜR INDUKTIONSKOCHFLÄCHE

Title (fr)
SYSTEME DE CENTRAGE INFRAROUGE POUR TABLE A INDUCTION

Publication
EP 3228154 A1 20171011 (FR)

Application
EP 15810696 A 20151203

Priority
• FR 1461936 A 20141204
• FR 2015053314 W 20151203

Abstract (en)
[origin: WO2016087791A1] The invention relates to a centring system for use with a household appliance (1) or a cooking vessel and an induction cooking surface (2), wherein: a first optical device (4) is positioned in the household appliance (1) or the cooking vessel and the first optical device (4) can generate or receive at least one optical beam; and a second optical device (5) is positioned in the induction cooking surface (2) and the second optical device (5) can generate or receive at least one optical beam. The centring system is used to detect the alignment of the first optical device (4) with the second optical device (5).

IPC 8 full level
H05B 6/06 (2006.01)

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

Citation (search report)
See references of WO 2016087791A1

Cited by
DE102019114805A1; WO2023118021A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016087791 A1 20160609; CN 107006081 A 20170801; CN 107006081 B 20200915; EP 3228154 A1 20171011; EP 3228154 B1 20181121; FR 3029731 A1 20160610; FR 3029731 B1 20170127; JP 2017536682 A 20171207; JP 6276473 B2 20180207

DOCDB simple family (application)
FR 2015053314 W 20151203; CN 201580066010 A 20151203; EP 15810696 A 20151203; FR 1461936 A 20141204; JP 2017529761 A 20151203