

Title (en)

Method for measuring the temperature of a set of induction units of an induction cooktop and associated induction cooktop

Title (de)

Temperaturmessvorrichtung für eine Gruppe von Induktoren eines Induktionskochfeldes, und zugehöriges Induktionskochfeld

Title (fr)

Dispositif de mesure de température d'un groupe d'inducteurs d'une table de cuisson à induction et table de cuisson à induction associée

Publication

EP 2445309 B1 20160525 (FR)

Application

EP 11186031 A 20111020

Priority

FR 1004133 A 20101021

Abstract (en)

[origin: EP2445309A1] The device (7) has a temperature sensor (8) delivering temperature measurement, and a heat conductor (9) in thermal relation with the sensor. The conductor has a set of branches (10) connected to a common base (11) in relation with the sensor. Each branch of the conductor is partially placed in a median zone situated between a central zone (12) and an outer edge (13) of each inductor (2). A portion of each branch of the conductor placed in the middle zone is curved according to form of the inductor. An independent claim is also included for an induction cook top, comprising a group of inductors equipped with a temperature measuring device.

IPC 8 full level

H05B 6/06 (2006.01)

CPC (source: EP)

H05B 6/062 (2013.01); **H05B 2213/07** (2013.01)

Cited by

US11140751B2; US11388785B2; US11212880B2; US10893579B2; US11405989B2; US10605464B2; US11655984B2; US10993292B2; US11310874B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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