

Title (en)

Hob comprising a single temperature-detection means

Title (de)

Kochfeld mit einem einzigen Mittel zur Temperaturerkennung

Title (fr)

Table de cuisson comprenant un unique moyen de détection de température

Publication

EP 2746672 B1 20170405 (FR)

Application

EP 13197144 A 20131213

Priority

FR 1203626 A 20121220

Abstract (en)

[origin: EP2746672A1] The cooktop (1) has a control device (9) for controlling inductors. The control device includes a single temperature sensor (16) arranged in a cooling air stream (C) generated by a fan (15), and arranged downstream of an end of a heat sink (14). A microcontroller (21) is arranged in the cooling air stream generated by the fan, and arranged downstream of the end of the heat sink, where power supply to power components of the control device is limited by the microcontroller according to the value of temperature measured by the temperature sensor.

IPC 8 full level

F24C 15/10 (2006.01); **F24C 7/08** (2006.01); **H05B 6/06** (2006.01); **H05B 6/12** (2006.01)

CPC (source: EP)

F24C 7/082 (2013.01); **F24C 15/101** (2013.01); **H05B 6/062** (2013.01); **H05B 6/1263** (2013.01); **H05B 2206/022** (2013.01); **H05B 2213/07** (2013.01)

Cited by

CN110943076A; EP3461229A1; WO2019057653A1

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 2746672 A1 20140625; **EP 2746672 B1 20170405**; ES 2628916 T3 20170804; FR 3000178 A1 20140627

DOCDB simple family (application)

EP 13197144 A 20131213; ES 13197144 T 20131213; FR 1203626 A 20121220