

Title (en)

A DEVICE AND A METHOD FOR REDUCING THE TEMPERATURE OF A COOKING DEVICE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR REDUKTION DER TEMPERATUR EINER KOCHVORRICHTUNG

Title (fr)

DISPOSITIF ET PROCÉDÉ PERMETTANT DE RÉDUIRE LA TEMPÉRATURE D'UN DISPOSITIF DE CUISSON

Publication

EP 2872831 A4 20160323 (EN)

Application

EP 13817618 A 20130628

Priority

- SE 1200441 A 20120713
- SE 2013050825 W 20130628

Abstract (en)

[origin: WO2014011101A1] A temperature reducing device (10) for reducing the temperature of at least one hot plate (1) of a cooking device, wherein, when a signal from a sensor (2) indicates that no person is present in the vicinity of the cooking device and when the temperature of the hot plate exceeds a threshold temperature T_0 , a control system (6) adjusts the hot plate to a temperature below the threshold temperature by adjusting the power supplied to the hot plate. The temperature reducing device is configured to determine pulse characteristics of a pulsed voltage supplied to said at least one hot plate and the control system is configured to determine whether the temperature of said at least one hot plate exceeds the threshold temperature based on said pulse characteristics.

IPC 8 full level

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CPC (source: EP SE)

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Citation (search report)

- [Y] US 5717188 A 19980210 - VAILLANCOURT ALAIN [CA]
- [Y] GB 2100883 A 19830106 - DIEHL GMBH & CO [DE]
- [A] US 4604518 A 19860805 - PAYNE THOMAS R [US]
- [A] CA 2801851 A1 20111215 - PANASONIC CORP [JP]
- See references of WO 2014011101A1

Designated contracting state (EPC)

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