

Title (en)

SMART AND SAFE COOKWARE AND COOKING SYSTEM

Title (de)

INTELLIGENTES UND SICHERES KOCHGESCHIRR UND KOCHSYSTEM

Title (fr)

USTENSILE DE CUISINE ET SYSTÈME DE CUISSON INTELLIGENTS ET SÉCURISÉS

Publication

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Application

**EP 21209368 A 20191118**

Priority

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- EP 19209679 A 20191118

Abstract (en)

[origin: EP3823417A1] The present invention discloses a cooking method on an induction cooktop (2) with improved cooking temperature control and safety, the cooking system (1), and smart cookware (10). The smart cookware (10) (which can be any type of pot, bowl or pan) has an integrated temperature sensor for precise temperature regulation. Further, the cookware (10) comprises its heating layer made of ferromagnetic material having Curie-point selected for safety to limit the maximum heating temperature by the induction, to prevent catching fire due to overheating and to protect the cookware (10) from overheating. The cooking method comprises additional steps for adjusting heating power according to the properties of the said ferromagnetic material with Curie-point. The cooking system comprises at least smart cooktop (2) and smart cookware (10) altogether implementing said method with improved cooking temperature control and safety.

IPC 8 full level

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