Title (en)
METHOD FOR CONTROLLING INDUCTION HEATING COILS OF AN INDUCTION COOKING HOB

Title (de)
VERFAHREN ZUR ANSTEUERUNG VON INDUKTIONSHEIZSPULEN EINES INDUKTIONSKOCHFELDS

Title (fr)
PROCÉDÉ DE COMMANDE DE BOBINES DE CHAUFFAGE PAR INDUCTION D'UNE PLAQUE DE CUISSON PAR INDUCTION

Publication
EP 3606285 B1 20210929 (DE)

Application
EP 19186794 A 20190717

Priority
DE 102018212675 A 20180730

Abstract (en)
[origin: KR20200013596A] In order to control induction heating coils of an induction cooking hob, firstly, whether two cooking utensils with different preset power levels and purposes for heating are laid on the induction cooking hob on one common induction heating coil is determined. Afterwards, the common induction heating coil is operated with a reduced reduction-power, and this action is reported as a signal to a manipulator. A counter starts to count a determination time, and this action is reported as a signal. In a first case, the manipulator does not react during the determination time, and then, the common induction heating coil is continuously operated with a reduced present-power level. In a second case, the manipulator reacts during the determination time, and one of the cooking utensils is removed, and then, to heat the remaining one, the common induction heating coil is re-operated with a target-power level which is preset initially. Otherwise, the manipulator alters one of initially preset power levels.

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