

Title (en)
Induction hotplate with multiple induction heaters

Title (de)
Induktionskochfeld mit einer Mehrzahl von Induktionsheizkörpern

Title (fr)
Champ de cuisson à induction doté d'une multitude de corps de chauffage à induction

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Application
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Abstract (en)
[origin: WO2009090152A1] The invention relates to an induction hob comprising a plurality of induction heaters (10, 10a, 10b) and a control unit (12) which is designed to synchronously operate several induction heaters (10, 10a, 10b) of a flexibly definable heating zone (14). The induction hob further comprises a measurement array (16) for measuring a heating power (P, Pi) generated by the induction heaters (10, 10a, 10b). In order to reduce the complexity for controlling the induction hob, the measurement array (16) is designed to measure a sum of the heating powers (P) of at least two induction heaters (10a, 10b), while the control unit (12) uses the sum of the heating powers (P) as a control variable for regulating the heating power.

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Cited by
EP2590476A1; US11140751B2; US10993292B2; US11212880B2; US10605464B2; US11655984B2; EP3432682A1; EP3432685A1; US10893579B2; EP2833697B1

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