

Title (en)

INDUCTION COOKER AND METHOD OF OPERATING THE INDUCTION COOKER

Title (de)

INDUKTIONSHERD UND VERFAHREN ZUM BETREIBEN DES INDUKTIONSHERDES

Title (fr)

CUISEUR ET PROCÉDÉ DE FONCTIONNEMENT DU CUISEUR

Publication

EP 3541146 A1 20190918 (EN)

Application

EP 18162102 A 20180315

Priority

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Abstract (en)

An induction cooker (2) comprises a cooking surface comprising a first heating region (6a, 6b, 6c, 6d) and a second heating region (4). The first heating region (6a, 6b, 6c, 6d) is associated with an induction coil (12a, 12b, 12c, 12d) for inducing a current in a cooking vessel made at least in part of ferromagnetic material and located in use on the first heating region (6a, 6b, 6c, 6d) to heat the cooking vessel. The second heating region (4) has a ferromagnetic plate which is movable relative to the cooking surface to bring the ferromagnetic plate in proximity to at least one of the induction coil (12a, 12b, 12c, 12d) associated with the first heating region (6a, 6b, 6c, 6d) and another induction coil so as to allow a current to be induced in the ferromagnetic plate to heat the ferromagnetic plate.

IPC 8 full level

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

CPC (source: EP)

H05B 6/1209 (2013.01)

Citation (search report)

- [E] CN 108366444 A 20180803 - UNIV QINGDAO SCIENCE & TECHNOLOGY
- [A] WO 2008101766 A1 20080828 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
- [A] EP 2552176 A2 20130130 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] DE 102008007191 A1 20090806 - BUS DIRK [DE]

Designated contracting state (EPC)

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Designated extension state (EPC)

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