

Title (en)

INDUCTIVE COOKING DEVICE WITH OVERHEATING PROTECTION AND METHOD THEREOF

Title (de)

INDUKTIVE KOCHVORRICHTUNG MIT ÜBERHITZUNGSSCHUTZ UND VERFAHREN DAFÜR

Title (fr)

DISPOSITIF DE CUISSON PAR INDUCTION AYANT UNE PROTECTION CONTRE LA SURCHAUFFE ET PROCÉDÉ ASSOCIÉ

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Abstract (en)

[origin: EP3397023A1] The present invention provides an inductive cooking device (100, 200) comprising a glass plate (101, 201) for carrying a number of cooking vessels (237), a number of induction coils (106, 107, 108, 109, 235, 236) arranged under the glass plate (101, 201), a control unit (110) configured to control a current (111) through the induction coils (106, 107, 108, 109, 235, 236) depending at least on a predefined power level (112), a hollow layer (115) filled with a cooling liquid (225), the hollow layer (115) being arranged under the glass plate (101, 201) and above the induction coils (106, 107, 108, 109, 235, 236) and comprising a first liquid inlet (116, 216) on a first frame side (117) and a second liquid inlet (118, 218) on a second frame side (119), wherein the first frame side (117) is opposite to the second frame side (119), and a rod (120, 220) arranged inside of the hollow layer (115) movable from the first frame side (117) to the second frame side (119). Further, the present invention provides a respective method.

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