

Title (en)
INDUCTIVE COOKING DEVICE AND METHOD

Title (de)
INDUKTIONSKOCHVORRICHTUNG UND -VERFAHREN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE CUISSON PAR INDUCTION

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Application
EP 17168138 A 20170426

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Abstract (en)
[origin: EP3397022A1] The present invention provides an inductive cooking device (100, 200, 300) comprising a glass plate (101) comprising a number of cooking vessel spots (102, 103, 104, 105, 302), a number of liquid conduits (106, 107, 108, 109, 206, 207, 208, 209, 215, 216, 217, 218, 219, 220, 306) arranged in or under the glass plate (101) for every one of the cooking vessel spots (102, 103, 104, 105, 302), and a measurement device (110, 210) configured to circulate a liquid (111, 211) containing magnetic particles (221, 222, 223, 224, 225) in the liquid conduits (106, 107, 108, 109, 206, 207, 208, 209, 215, 216, 217, 218, 219, 220, 306) and to determine the presence of a ferromagnetic cooking vessel on the respective cooking vessel spot (102, 103, 104, 105, 302) based on the amount of magnetic particles (221, 222, 223, 224, 225) flowing into the liquid conduits (106, 107, 108, 109, 206, 207, 208, 209, 215, 216, 217, 218, 219, 220, 306) and the amount of magnetic particles (221, 222, 223, 224, 225) flowing out of the liquid conduits (106, 107, 108, 109, 206, 207, 208, 209, 215, 216, 217, 218, 219, 220, 306). Further, the present invention provides a respective method.

IPC 8 full level
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