

Title (en)
DEVICE FOR DETECTING COOKING VESSEL CHARACTERISTICS AND METHOD FOR DETECTING COOKING VESSEL CHARACTERISTICS

Title (de)
VORRICHTUNG ZUR ERKENNUNG VON KOCHGEFÄSSEIGENSCHAFTEN UND VERFAHREN ZUR ERKENNUNG VON KOCHGEFÄSSEIGENSCHAFTEN

Title (fr)
DISPOSITIF DE DÉTECTION DE CARACTÉRISTIQUES DE RÉCIPIENT DE CUISSON ET PROCÉDÉ DE DÉTECTION DE CARACTÉRISTIQUES DE RÉCIPIENT DE CUISSON

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Abstract (en)
[origin: WO2020152499A1] The present invention refers to a device for detecting cooking vessel characteristics at a cooking hob, in particular at an induction cooking hob, comprising a carrier plate for supporting a heating element, an upper cover plate disposed above said heating element, a temperature sensor, and at least one capacitive sensing layer disposed between said heating element and said upper cover plate. At least one evaluation unit (5) is comprised of a substrate carrying at least one sensing electrode (20), each of said sensing electrodes (20) being formed as a conduit that resembles a meander-like curved shape, wherein each of said sensing electrodes (20) being electrically connected by means of a respective wiring to an evaluation unit (5).

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