

Title (en)
INDUCTION HEATING COOKER

Title (de)
INDUKTIONSHERD

Title (fr)
CUISEUR À CHAUFFAGE PAR INDUCTION

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Application
EP 11723480 A 20110607

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Abstract (en)
[origin: WO2011154373A1] The present invention relates to an induction heating cooker (1) comprising more than one induction coil (2), providing the cooking container of ferromagnetic feature placed thereon to be heated by the magnetic field it generates, an upper plate (3) disposed above the induction coils (2), produced from a material like glass or ceramic, more than one circuit board (4) providing the induction coils (2) to be energized, more than one switching element (5) like IGBT or diode bridge connected to the circuit boards (4) carrying high value electric current and overheated due to effect of the current and a lower plate (6) disposed at the underside of the upper plate (3), whereon the circuit boards (4) are arranged horizontally side by side at intervals, an axial type fan (8) disposed in an opening (7) arranged on the lower plate (6), and a heat sink (10) disposed over the opening (7) to be concentric with the fan (8) and surrounding the fan (8).

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Cited by
US11871499B2; WO2024056394A1

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