

Title (en)
INDUCTION HEATING COOKER

Title (de)
INDUKTIONSHERD

Title (fr)
PLAQUE DE CUISSON À INDUCTION

Publication
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Application
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Abstract (en)
An induction heating cooker of the present invention includes first and second induction heating units (61, 62), each of first and second induction heating units (61, 62) including: a plurality of induction heating coils (31, 32, 33, 34); a plurality of inverters (41, 42, 43, 44) that individually drive a plurality of induction heating coils (31 to 34); a temperature detector that detects a temperature of cooking container (11, 12); and power supply and controller (51, 52) that supplies power to inverters (41 to 44), and controls inverters (41 to 44) in accordance with an output of the temperature detector. In first induction heating unit (61), one infrared sensor (81) of the infrared sensors included in the temperature detector is provided in association with one of induction heating coils (31) provided at a foremost position. In second induction heating unit (62), one infrared sensor (82) of the infrared sensors included in the temperature detector is provided in association with one of induction heating coils (34) provided at a rearmost position. According to the present invention, it is possible to configure a lower cost induction heating cooker enabling high accurate heating control by temperature detection with good responsiveness.

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