

Title (en)
AN INDUCTION HEATING COOKER

Title (de)
INDUKTIONSHERD

Title (fr)
CUISEUR À CHAUFFAGE PAR INDUCTION

Publication
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Application
EP 11802755 A 20111226

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Abstract (en)
[origin: WO2012089707A2] The present invention relates to an induction heating cooker (1) that comprises a mains filtering circuit (2), a diode bridge rectifier (3) providing the alternative current received from the mains to be converted to direct current, a filtering circuit (4) that cleans the voltage signal delivered by the diode bridge rectifier (3) from high frequency noises, a power switch (5) that drives the voltage received from the filtering circuit (4) to high frequency voltage, an induction coil (7) connected in series to the end of the power switch (5), providing the ferromagnetic cooking container placed thereon to be heated with the magnetic field generated and a resonant capacitor (6) connected parallel to the induction coil (7).

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