

Title (en)  
INDUCTION HEATING COOKER AND HEATING METHOD

Title (de)  
INDUKTIONSHERD UND HEIZVERFAHREN

Title (fr)  
APPAREIL DE CUISSON À CHAUFFAGE PAR INDUCTION ET PROCÉDÉ DE CHAUFFAGE

Publication  
**EP 4391721 A1 20240626 (EN)**

Application  
**EP 23207217 A 20231031**

Priority  
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Abstract (en)  
The present invention relates to an induction heating cooker (1) and a heating method for the induction heating cooker (1). The induction heating cooker (1) comprises a heater (2) with an inner coil (3) and an outer coil (4) disposed concentrically in dual structure arranged to apply magnetic energy for heating a vessel placed on a heating zone (Z), two power control circuits (5) for separately driving the inner coil (3) and the outer coil (4), and a processing means (6) for controlling the operation of the power control circuits (5).

IPC 8 full level  
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CPC (source: EP)  
**H05B 6/065** (2013.01); **H05B 6/1272** (2013.01)

Citation (applicant)  
• JP 2008117722 A 20080522 - MATSUSHITA ELECTRIC IND CO LTD  
• JP 2011222535 A 20111104 - MITSUBISHI ELECTRIC CORP

Citation (search report)  
• [A] WO 2017149111 A1 20170908 - ARCELIK AS [TR]  
• [A] US 2020008272 A1 20200102 - SUGA IKURO [JP], et al  
• [A] EP 4013189 A1 20220615 - ELECTROLUX APPLIANCES AB [SE]

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