

Title (en)
INDUCTION HEATER AND INDUCTION HEATING COOKER

Title (de)
INDUKTIONSGEIZER UND INDUKTIONSKOCHER

Title (fr)
APPAREIL CHAUFFANT À INDUCTION ET CUISEUR À CHAUFFAGE PAR INDUCTION

Publication
EP 2945464 A1 20151118 (EN)

Application
EP 14737674 A 20140108

Priority
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• JP 2014000041 W 20140108

Abstract (en)
An induction-heating device 1 has a heating coil 3 with a coil winding of the heating coil 3 including at least one wire. The induction-heating device 1 comprises a coil connection terminal 6 having a groove part 6c capable to accommodate the wire 4a at an end 4 of the coil winding and electrically connecting to a control unit for supplying the heating coil 3 with a current, and a lid body 9 capable to at least partly be disposed in the groove part 6c of the coil connection terminal 6 so as to cover the wire 4a of the coil winding accommodated in the groove part 6c of the coil connection terminal 6. The wire 4a, the coil connection terminal 6, and the lid body 9 are joined together by welding. The welding is performed with the lid body 9 disposed in the groove part 6c of the coil connection terminal 6 pressing the wire 4a accommodated in the groove part 6c.

IPC 8 full level
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CPC (source: EP)
H01R 4/625 (2013.01); **H05B 6/1209** (2013.01); **H01R 4/023** (2013.01)

Cited by
EP3547799A1; US11140752B2

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