

Title (en)  
INDUCTION COOKING PLATE

Publication  
**EP 0561208 A3 19931013 (DE)**

Application  
**EP 93103274 A 19930302**

Priority  
DE 4208250 A 19920314

Abstract (en)  
[origin: EP0561208A2] The inductive hot plate heater has an induction coil (30) which is supplied with radiofrequency. The thickness and wire thickness of the individual conductors are of the order of magnitude of 0.2 mm for a normal frequency between 20 and 30 kHz (25 kHz). This small wire thickness has been found to produce particularly low losses. The arrangement of the induction hot plate (10) consists of thermal insulation (32), which is arranged under a plate (12) which is suitable for cooking vessels (13) to be placed on, of a screen (33) having branched, earthed lead structures, and of an induction coil (30) which is in the form of a disc and is fed back to the underneath side by means of a ferrite feedback plate (31). <IMAGE>

IPC 1-7  
**H05B 6/12**; **H05B 6/06**

IPC 8 full level  
**H05B 6/06** (2006.01); **H05B 6/12** (2006.01)

CPC (source: EP US)  
**H05B 6/062** (2013.01 - EP US); **H05B 6/1263** (2013.01 - EP US)

Citation (search report)

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DOCDB simple family (application)  
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