

Title (en)  
INDUCTION HOB

Title (de)  
INDUKTIONSKOCHFELD

Title (fr)  
PLAQUE DE CUISSON À INDUCTION

Publication  
**EP 2127478 B2 20131225 (DE)**

Application  
**EP 07703206 A 20070201**

Priority  
EP 2007000877 W 20070201

Abstract (en)  
[origin: WO2008092476A1] The invention relates to an induction hob (1) for inductively heating cooking pots (10), having an induction coil (3) fed with high-frequency alternating current for supplying the electromagnetic heating power, and a generator device (4) for generating the high-frequency alternating current. In order to prevent noise developing at the cooking pot (10), means (5) are provided for smoothing or eliminating amplitude modulation of the high-frequency alternating current which flows through the coil (3).

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)

Citation (opposition)  
Opponent :

- JP H0536472 A 19930212 - SHARP KK, et al
- JP 2003257610 A 20030912 - MATSUSHITA ELECTRIC IND CO LTD

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DOCDB simple family (publication)  
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**EP 2007000877 W 20070201**; AT 07703206 T 20070201; DE 502007005236 T 20070201; EP 07703206 A 20070201; JP 2009547535 A 20070201; US 52508807 A 20070201