

Title (en)

Induction cooking module and control method of the module

Title (de)

Induktionskochmodul und Steuerungsverfahren des Moduls

Title (fr)

Module de cuisson électrique à induction et procédé de commande du module

Publication

**EP 1361780 B1 20060125 (FR)**

Application

**EP 03291077 A 20030505**

Priority

- FR 0205698 A 20020507
- FR 0305408 A 20030502

Abstract (en)

[origin: EP1361780A1] The cooking module has two inductors fed from inverters receiving rectified public supply. Each of the inductors has two independent windings (IND1,IND1') and (IND2,IND2') and the inverters have two arms (B1,B2) with electronic switching (T1,T1'T2,T2'). Electromagnetic switching (RL1,RL1'RL2,RL2') connects the inductor windings and capacitors (C1,C1'C2,C2') to the rectified supply either individually or in series.

IPC 8 full level

**H05B 6/04** (2006.01); **H05B 6/06** (2006.01)

CPC (source: EP)

**H05B 6/04** (2013.01); **H05B 6/065** (2013.01)

Cited by

CN102960054A; DE102004010331B4; EP2068598A1; ES2384919A1; EP2704524A1; WO2005081585A1; US10009959B2; US9113502B2; US7375986B2; USRE41796E; WO2012001603A1; WO2011080642A1; WO2012131526A1; WO2011113660A1; WO2018116056A1; EP1951003B2

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DOCDB simple family (publication)

**EP 1361780 A1 20031112; EP 1361780 B1 20060125**; AT E316749 T1 20060215; DE 60303350 D1 20060413; DE 60303350 T2 20060907; ES 2257649 T3 20060801; FR 2839605 A1 20031114; FR 2839605 B1 20040910

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