

Title (en)

Induction heating circuits for cooking appliances.

Title (de)

Induktionsheizkreise für Kochgeräte.

Title (fr)

Circuits de chauffage par induction pour la cuisson.

Publication

EP 0269417 A1 19880601 (EN)

Application

EP 87310361 A 19871124

Priority

GB 8628102 A 19861125

Abstract (en)

An induction heating circuit for a cooking appliance includes an inverter for powering a pan heating coil (L2) and a resonating capacitor (CR) at values determined by a gate turn off thyristor (VT1). A further semi-conductor switching device (VTS) is included to permit discharge of the resonating capacitor (CR) before the initiation of power input to the pan coil (L2).

IPC 1-7

H05B 6/06; **H05B 6/12**

IPC 8 full level

H05B 6/06 (2006.01)

CPC (source: EP)

H05B 6/06 (2013.01)

Citation (search report)

- US 4010342 A 19770301 - AUSTIN BUDDY JULIAN
- US 3781503 A 19731225 - HARNDEN J, et al
- DE 2504827 B2 19771124
- EP 0054445 A1 19820623 - SCHOLTES ETS EUGEN [FR]

Cited by

US8415594B2; WO2007042318A1

Designated contracting state (EPC)

BE DE ES FR GB IT NL

DOCDB simple family (publication)

EP 0269417 A1 19880601; GB 2198296 A 19880608; GB 2198296 B 19900808; GB 8628102 D0 19861231

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