

Title (en)

Method and device of thermal monitoring of inductive heatable cooking vessel

Title (de)

Verfahren und Vorrichtung zur thermischen Überwachung eines induktiv erwärmbaren Gargefäßes

Title (fr)

Procédé et dispositif de surveillance thermique d'un ustensile de cuisson chauffable inductivement

Publication

**EP 2271175 B1 20121226 (DE)**

Application

**EP 10178369 A 20031024**

Priority

- EP 03024314 A 20031024
- DE 10253198 A 20021115

Abstract (en)

[origin: EP1420613A2] The method involves monitoring the frequency of the alternating current for the inductive heating, which is affected by the cooking vessel. The monitoring technique involves detecting qualitative or step changes in the temperature-time profile by monitoring qualitative or step changes in the frequency-time profile and/or changes in the first derivative of the frequency-time profile. Independent claims are also included for the following: (a) arrangement for thermal monitoring of an inductively heated cooking vessel (b) and a cooking device with at least one inventive device for thermal monitoring of an inductively heated cooking vessel.

IPC 8 full level

**H05B 6/06** (2006.01)

CPC (source: EP)

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