

Title (en)
Method for operating of a cooking appliance

Title (de)
Verfahren zum Betrieb eines Gargeräts

Title (fr)
Procédé de fonctionnement d'un appareil de cuisson

Publication
EP 1394472 B1 20120704 (DE)

Application
EP 03018859 A 20030819

Priority
DE 10240175 A 20020830

Abstract (en)
[origin: EP1394472A2] When thermoplastic oven is first switched on a continuous current flows during a first time period (t1) until the temperature sensor registers the desired operating temperature (TSoll1). This value is in the middle of a tolerance band (Tmax,Tmin). At this point the heating current is switched off and a short time period (t2) contains two short pulses of current. The measured temperature may oscillate on reaching this threshold. It then slowly declines until a minimum threshold value is reached at the end of a third time period (t3). A broad pulse is applied during a fourth time period (t4). If the oven door is opened, the rapid rate of fall of the measured temperature (alpha), triggers a broad current pulse.

IPC 8 full level
F24C 7/08 (2006.01)

CPC (source: EP)
F24C 7/08 (2013.01)

Cited by
EP4019848A1; EP3786529A1; EP1998116A1; CN106136947A; EP2337424A3; EP2251607A3; EP2063180A3; EP2110605A1; US8283605B2; US8552344B2

Designated contracting state (EPC)
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