

Title (en)

Method for regulating the temperature of a sensor-controlled cooking unit

Title (de)

Verfahren zur Temperaturregelung für eine sensorgesteuerte Garungseinheit

Title (fr)

Procédé de régulation de température d'une unité de cuisson commandée par capteurs

Publication

EP 0763694 B1 20001018 (DE)

Application

EP 96113001 A 19960809

Priority

DE 19533971 A 19950913

Abstract (en)

[origin: EP0763694A1] The method involves detecting an actual temperature value of the stove, and forming a difference between a desired temperature and the actual temperature value. The difference is used to approach the targeted temperature during an initial phase, and the process switches into a hold phase when that temperature is reached. The hold phase performs a step-wise optimization of the temperature control through a comparison of the actual and the desired temperature.

IPC 1-7

F24C 7/08; **H05B 6/06**

IPC 8 full level

F24C 7/08 (2006.01); **F24C 15/10** (2006.01); **H05B 3/74** (2006.01); **H05B 6/06** (2006.01)

CPC (source: EP)

F24C 15/106 (2013.01); **H05B 3/746** (2013.01)

Cited by

DE19813550A1; FR2778814A1; EP4387393A1; BE1031128B1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0763694 A1 19970319; **EP 0763694 B1 20001018**; DE 19533971 A1 19970320; DE 59606018 D1 20001123; ES 2153067 T3 20010216

DOCDB simple family (application)

EP 96113001 A 19960809; DE 19533971 A 19950913; DE 59606018 T 19960809; ES 96113001 T 19960809