

Title (en)

A controller for the energy uptake fo an oven

Title (de)

Steuerung der Energieaufnahme eines Ofens

Title (fr)

Dispositif de commande de la consommation d'énergie d'un four

Publication

EP 1213542 B1 20051228 (EN)

Application

EP 01204314 A 20011112

Priority

DK PA200001685 A 20001110

Abstract (en)

[origin: EP1213542A2] In conventional ovens the heating elements are controlled by a thermostat which cycles the temperature between a minimum and maximum cavity temperature. The cycling is constant over the whole cooking time. According to the invention the energy supply is controlled by the obtaining of a stable cycling, subsequent to which the temperature drops a predetermined amount, followed by renewed feeding of energy until stable conditions again prevail, and the process repeats itself. This type of control permits considerable energy savings. <IMAGE>

IPC 1-7

F24C 7/08; **A21B 1/40**

IPC 8 full level

F24C 7/08 (2006.01); **H05B 6/68** (2006.01)

CPC (source: EP)

F24C 7/087 (2013.01)

Cited by

WO2018206608A1; DE102005047582B4; DE10240175A1; DE10313595A1; EP2538142A1; EP2538143A1; DE10132304B4; EP1273852A3; DE10337326A1; DE10337326B4; EP3400802A1; EP3764000A1; CN112214054A; EP1394472A2; WO2011080110A1; US8455798B2; US7446283B2; WO2011080098A1; WO2023128907A1; WO2009062917A3; WO2018206274A1; EP2251607B1

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