

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 A2 20020612 (EN)**

Application

**EP 01204314 A 20011112**

Priority

DK PA200001685 A 20001110

Abstract (en)

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

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1213542 A2 20020612**; **EP 1213542 A3 20030618**; **EP 1213542 B1 20051228**; AT E314615 T1 20060115; DE 60116244 D1 20060202; DK 1213542 T3 20060522

DOCDB simple family (application)

**EP 01204314 A 20011112**; AT 01204314 T 20011112; DE 60116244 T 20011112; DK 01204314 T 20011112