

Title (en)
Cooking oven.

Title (de)
Kochherd.

Title (fr)
Four de cuisson.

Publication
EP 0454568 A1 19911030 (FR)

Application
EP 91401072 A 19910423

Priority
FR 9005404 A 19900427

Abstract (en)
Cooking oven with electrical broil (12) and grill (11) resistor, which cleans by pyrolysis. <??>It comprises a probe (31) for measurement of the temperature inside the oven enclosure which delivers an electrical signal to the input (177) of a microprocessor (17) or the like. The latter controls the power of the supply delivered to the broil (12) and grill (11) resistors during the cleaning by pyrolysis. <??>The microprocessor is also programmed so that a heating or cooking command automatically causes pre-heating which is interrupted when the desired temperature is reached. Hence it is not necessary for the control panel of the oven to include a button assigned to pre-heating. <IMAGE>
The oven has a heating resistance in the bottom and in the roof and is cleaned by pyrolysis. It has a temperature detector (31) inside the oven which delivers an electrical signal as input to a microprocessor (17). The microprocessor controls the electrical power supply to the top and bottom resistances during pyrolytic cleaning. The microprocessor is also programmed so a heating or cooking instruction is automatically preceded by a pre-heating interval.

IPC 1-7
F24C 7/00

IPC 8 full level
F24C 7/08 (2006.01); **F24C 14/02** (2006.01)

CPC (source: EP)
F24C 7/087 (2013.01); **F24C 14/02** (2013.01)

Citation (search report)
• [A] DE 2733362 A1 19790208 - WEISS KG ALFONS
• [A] US 4908760 A 19900313 - SINN RICHARD E [US]
• [A] US 4369352 A 19830118 - BOWLES HOWARD R
• [A] FR 2391425 A1 19781215 - CEPEN [FR]
• [A] EP 0213443 A1 19870311 - BOSCH SIEMENS HAUSGERAETE [DE]
• [A] FR 2550680 A1 19850215 - BOSCH SIEMENS HAUSGERAETE [DE]

Cited by
ES2064280A2; FR2693790A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0454568 A1 19911030; AT E126875 T1 19950915; DE 69112403 D1 19950928; DE 69112403 T2 19960201; EP 0537796 A2 19930421; EP 0537796 A3 19930512; EP 0537796 B1 19950823; FR 2661482 A1 19911031; FR 2661482 B1 19950203

DOCDB simple family (application)
EP 91401072 A 19910423; AT 92119683 T 19910423; DE 69112403 T 19910423; EP 92119683 A 19910423; FR 9005404 A 19900427