

Title (en)

Method for automatically ending a pyrolysis cleaning process in an oven

Title (de)

Verfahren zur automatischen Beendigung eines Pyrolysereinigungsverfahrens bei einem Backofen

Title (fr)

Procédé destiné à la finalisation automatique d'un processus de nettoyage à pyrolyse dans un four

Publication

EP 1837599 A3 20091230 (DE)

Application

EP 07004628 A 20070307

Priority

DE 102006013094 A 20060320

Abstract (en)

[origin: EP1837599A2] The method involves switching-on heat source for a pyrolysis cleaning process in an oven, and measuring the oxygen concentration (b) in a cooking chamber or in an exhaust air path for the discharge of expelled moisture from the chamber by an oxygen sensor. The measured oxygen concentration is compared with a preset threshold value (GW) in an evaluation circuit of an electrical control. The heat source is switched-off if the measured concentration falls below the threshold value during the cleaning process or if the measured concentration exceeds the threshold value for the first time.

IPC 8 full level

F24C 7/08 (2006.01); **F24C 14/02** (2006.01)

CPC (source: EP)

F24C 14/02 (2013.01); **F24C 15/2007** (2013.01)

Citation (search report)

- [DA] US 4481404 A 19841106 - THOMAS CHARLES E [US], et al
- [A] DE 19706186 A1 19980820 - MIELE & CIE [DE]

Cited by

CN110200515A; EP3470740A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1837599 A2 20070926; **EP 1837599 A3 20091230**; **EP 1837599 B1 20140226**; DE 102006013094 A1 20071004;
DE 102006013094 B4 20100722; ES 2452816 T3 20140402; PL 1837599 T3 20140630

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EP 07004628 A 20070307; DE 102006013094 A 20060320; ES 07004628 T 20070307; PL 07004628 T 20070307