

Title (en)

Method for regulating the exhaust air volume flow from the cooking chamber of an oven

Title (de)

Verfahren zur Regelung des Abluftvolumenstroms aus einem Garraum eines Backofens

Title (fr)

Procédé destiné au réglage du débit d'air d'un compartiment d'un four

Publication

EP 1906095 B1 20140122 (DE)

Application

EP 07016039 A 20070816

Priority

DE 102006044039 A 20060914

Abstract (en)

[origin: DE102006044039B3] The method involves alternatively repeating two time intervals during a cooking process. A temperature difference between two temperatures is formed according to an operation of prior fixed heat-up phase during the process. A period of one of the time intervals is selected as short interval, where the temperature difference between two temperatures in a cooking area (2) of a baking oven (3) remains constant with same and stable air volume flow (1) during the time interval. The temperatures are measured by two temperature sensors (9, 10), respectively.

IPC 8 full level

F24C 15/00 (2006.01); **F24C 7/08** (2006.01); **F24C 15/20** (2006.01); **F24C 15/32** (2006.01)

CPC (source: EP US)

F24C 7/087 (2013.01 - EP US); **F24C 15/2007** (2013.01 - EP US); **F24C 15/2021** (2013.01 - EP US); **F24C 15/322** (2013.01 - EP US)

Cited by

CN112856526A; CN109863823A

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

DOCDB simple family (publication)

DE 102006044039 B3 20071227; EP 1906095 A2 20080402; EP 1906095 A3 20110406; EP 1906095 B1 20140122; ES 2445458 T3 20140303; PL 1906095 T3 20140530; US 2008066661 A1 20080320; US 7699237 B2 20100420

DOCDB simple family (application)

DE 102006044039 A 20060914; EP 07016039 A 20070816; ES 07016039 T 20070816; PL 07016039 T 20070816; US 85085907 A 20070906