

Title (en)

Method of operating a domestic oven and cooking oven having a cooling fan

Title (de)

Verfahren zum Betrieb eines Haushaltsbackofens und Backofen mit einem Kühlgebläse

Title (fr)

Procédure pour l'opération d'un four cuisinière et four avec un ventilateur de refroidissement

Publication

EP 1457740 A1 20040915 (EN)

Application

EP 03100631 A 20030312

Priority

EP 03100631 A 20030312

Abstract (en)

In a domestic oven having a cooling fan, a chimney for discharge of vapours from a cooking chamber in which such discharge is substantially driven by the cooling fan by means of Venturi effect, the cooling fan is switched on/off according to a predetermined sequence in order to improve the energy efficiency of the oven. <IMAGE>

IPC 1-7

F24C 15/00; **F24C 15/20**

IPC 8 full level

F24C 15/00 (2006.01); **F24C 15/20** (2006.01)

CPC (source: EP)

F24C 15/006 (2013.01); **F24C 15/2007** (2013.01)

Citation (search report)

- [X] DE 3209541 A1 19830929 - BOSCH SIEMENS HAUSGERAETE [DE]
- [X] DE 10128370 A1 20021219 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [X] EP 0633433 A1 19950111 - BOSCH SIEMENS HAUSGERAETE [DE]
- [X] US 4886046 A 19891212 - WELCH RAYMOND L [US]
- [X] EP 1156282 A1 20011121 - V ZUG AG [CH]
- [A] EP 0889672 A2 19990107 - WHIRLPOOL CO [US]
- [A] DE 19949724 A1 20000608 - AEG HAUSGERAETE GMBH [DE]
- [A] US 3911893 A 19751014 - BAKER GERALD E, et al

Cited by

EP2913590A1; EP3472521A4; EP3018419A1; AU2016200086A1; AU2016200086B2; WO2012150227A1; WO2008074714A1; US11965655B2; US10371392B2; US9095508B2; US8342165B2; WO2014016033A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 1457740 A1 20040915; **EP 1457740 B1 20081217**; DE 60325324 D1 20090129; ES 2318088 T3 20090501

DOCDB simple family (application)

EP 03100631 A 20030312; DE 60325324 T 20030312; ES 03100631 T 20030312