

Title (en)

Hot air baking oven with baffle plates

Title (de)

Heissluft-Backofen mit Umlenkblechen

Title (fr)

Four à air chaud doté de déflecteurs

Publication

EP 1970635 B1 20120321 (DE)

Application

EP 08011554 A 20080626

Priority

EP 08011554 A 20080626

Abstract (en)

[origin: EP1970635A2] The oven has a fan chamber provided behind a muffle and separated from the muffle by a partition wall (4). A heater and a fan wheel (5) are arranged at the fan chamber, where the fan wheel is driven for rotating around a rotational axle (6) staying transverse to the partition wall. An exhaust opening (13c) and a deflection arrangement of a baffle plate are arranged horizontally adjacent to an inner area in the partition wall. The deflection arrangement has baffle plate sections (18a1, 18a2, 18b1, 18b2) that are inclined not parallel to each other and variably to a radial direction.

IPC 8 full level

F24C 15/32 (2006.01)

CPC (source: EP)

F24C 15/325 (2013.01)

Citation (examination)

- US 2006272632 A1 20061207 - DUNCAN THU-HA [US], et al
- WO 2009074423 A2 20090618 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al

Cited by

EP2527745A4; ES2405406R1; FR2975470A1; CN108245690A; WO2010076149A1; WO2013034515A1; WO2015165495A1; WO2012062679A1; EP3109558B1

Designated contracting state (EPC)

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