

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 A3 20090218 (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 (search report)

- [X] WO 2007020584 A1 20070222 - ARCELIK AS [TR], et al
- [X] DE 2557867 A1 19770630 - BOSCH SIEMENS HAUSGERAETE
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- [A] EP 0245618 A2 19871119 - TOSHIBA KK [JP]
- [A] GB 2109920 A 19830608 - VICTORIA GAS & FUEL CORP
- [A] WO 9418839 A1 19940901 - FOOD AUTOMATION SERVICE TECH [US]
- [A] EP 0319373 A1 19890607 - SEB SA [FR]
- [A] US 4627409 A 19861209 - KAGOMOTO YOSHITERU [JP]

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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