

Title (en)

Food baking oven with airflow control devices

Title (de)

Nahrungsmittelbackofen mit Vorrichtungen zur Steuerung des Luftstroms

Title (fr)

Four pour cuire des aliments avec dispositifs de contrôle du débit d'air

Publication

EP 2180259 A1 20100428 (EN)

Application

EP 09011711 A 20090914

Priority

IT TV20080136 A 20081027

Abstract (en)

Domestic use food baking oven to be embedded, of the type provided with a ventilation system for the thermal insulation of the baking chamber, with an airflow control device of the heat dispersion from the baking chamber, and with integrated ventilation system for the thermal insulation of the baking chamber, which oven, at the baking chamber access span, in an operative baking condition of said oven and with the baking chamber access door in an open condition, has the forced airflow generated by the ventilation system for the thermal insulation of the baking chamber which is in a diverted condition at the baking chamber access span, wherein said airflow is diverted by means of a flow diverter, said flow diverter being of the type which can be shut down as soon as the access door of the oven, in a closed condition, is arranged in abutment with said flow diverter or with a part of it.

IPC 8 full level

F24C 15/00 (2006.01)

CPC (source: EP US)

F24C 15/006 (2013.01 - EP US); **F24C 15/025** (2013.01 - EP US)

Citation (applicant)

- US 3659578 A 19720502 - DAVIS JAMES E, et al
- EP 1028290 A1 20000816 - BRANDT COOKING [FR]
- US 6234892 B1 20010522 - GEYER KARL-EBERHARD [DE], et al
- US 4898319 A 19900206 - WILLIAMS ROBERT T [US]

Citation (search report)

- [X] EP 0962708 A2 19991208 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] US 2005183715 A1 20050825 - MORETH R E III [US], et al
- [A] DE 102004008463 B3 20050310 - ELECTROLUX HOME PROD CORP [BE]

Cited by

EP3091291A1; US2017082296A1; CN107535023A; US2018094820A1; AU2016260672B2; WO2016180684A1; WO2022238100A1; BE1029396A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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