

Title (en)

Baking oven with bottom heat and hot air

Title (de)

Backofen mit Unterhitze und Heißluft

Title (fr)

Four de cuisson avec chauffage de la sole et de l'air chaud

Publication

EP 2610557 A1 20130703 (DE)

Application

EP 12008153 A 20121206

Priority

CH 20502011 A 20111227

Abstract (en)

The oven has muffle (1) and bottom heater (4). The heater is provided to heat the muffle from downside. The lateral ventilation opening is provided at side wall of muffle. An air conveyor (10) is provided in thermal contact with heater to convey the hot air from lateral ventilation opening through channel (8) which is arranged below the muffle.

Abstract (de)

Um in einem Backofen einen Heissluftstrom zu erzeugen, ist im thermischen Kontakt mit der Unterhitze (4) ein Kanal (8) vorgesehen, durch welchen Luft gefördert werden kann. Hierdurch entfällt eine separate, für Heissluft-Backöfen übliche Kammer an der Rückseite der Muffel (1).

IPC 8 full level

F24C 15/32 (2006.01)

CPC (source: EP)

F24C 15/32 (2013.01); **F24C 15/325** (2013.01)

Citation (search report)

- [X] EP 1674796 A2 20060628 - SAMSUNG ELECTRONICS CO LTD [KR]
- [X] FR 2287024 A1 19760430 - GENTILINI ET BERTHON [FR]
- [X] EP 0067806 A1 19821222 - NIBELLE PIERRE [AT], et al
- [X] GB 2256041 A 19921125 - BINDER WTB LABORTECH GMBH [DE]
- [X] DE 7247152 U 19730607
- [X] US 2214630 A 19400910 - WHEELER FLOYD S

Cited by

US11022324B2; US10865994B2; EP3009748A3; EP4253842A4; CN110004275A; US10962229B2; EP3009748A2; US11732902B2; EP3421888A1; US2019003718A1; EP3745030A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

CH 703729 A2 20120215; CH 703729 A3 20120430; EP 2610557 A1 20130703

DOCDB simple family (application)

CH 20502011 A 20111227; EP 12008153 A 20121206