

Title (en)

Cooking oven with cooling air and removing fumes conduit

Title (de)

Backofen mit Kühlluft- und Wrasenkanal

Title (fr)

Four de cuisson avec un conduit d'air de refroidissement et d'évacuation de fumées

Publication

EP 1041346 A3 20060301 (DE)

Application

EP 00106831 A 20000330

Priority

DE 19915457 A 19990401

Abstract (en)

[origin: EP1041346A2] The oven (1) has a closing muffle (5) with a cooling fan (15) outside of the muffle, whose pressure side is connected to a ventilation channel arranged above the muffle and outside. A steam channel (19) with a steam fan is connected to the muffle and opens into a steam inlet (23), which is extended by a connection section (33) transverse to the ventilation channel. The steam outlet (31) is arranged in the flow path of the ventilation unit and turns away from the main ventilation flow direction. The connection section is formed by a base plate (11) of the ventilation channel and a steam conducting plate (29). The connection section extends over at least one third of the width of the ventilation channel transverse to the main ventilation flow direction.

IPC 8 full level

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

CPC (source: EP)

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

Citation (search report)

- [X] DE 4211755 A1 19931014 - LICENTIA GMBH [DE]
- [DA] DE 9309989 U1 19930923 - BOSCH SIEMENS HAUSGERAETE [DE]
- [A] EP 0122966 A2 19841031 - BUDERUS AG [DE]

Cited by

ITTO20090590A1; EP3059504A1; EP3012537A1; EP2444740A1; WO2018024561A1; WO2011013088A3; WO2016101640A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1041346 A2 20001004; **EP 1041346 A3 20060301**; **EP 1041346 B1 20080910**; AT E408098 T1 20080915; DE 19915457 A1 20001012; DE 19915457 C2 20030626; DE 50015348 D1 20081023

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