

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 B1 20080910 (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)

Cited by

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

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