

Title (en)  
Gas-heated forced-convection oven.

Title (de)  
Gasbeheizter Ofen mit erzwungener Konvektion.

Title (fr)  
Four à gaz et à convection forcée.

Publication  
**EP 0526768 A2 19930210 (EN)**

Application  
**EP 92111870 A 19920713**

Priority  
IT PN910054 A 19910805

Abstract (en)  
Gas-heated forced-convection oven for cooking food through the fan-assisted circulation of hot air, which is heated up by a tubular conduit (15) arranged in the cooking cavity (5) of the oven, and/or by the injection of steam generated in a boiler (33) connected with said cooking cavity (5) of the oven, and/or through the combined action of mechanically circulated hot air and superheated steam. Oven in which said tubular conduit (15), containing swirl baffle means (47) provided for turbulent flow, is connected with one of its ends to a plenum chamber (18) containing a burner (19) and adjoining a fan means (26) adapted to bring about a forced circulation of the flue gases through said tubular conduit before exhausting them.  
<IMAGE>

IPC 1-7  
**F24C 15/32**

IPC 8 full level  
**F24C 15/32** (2006.01)

CPC (source: EP)  
**F24C 15/322** (2013.01)

Cited by  
US5915372A; ITTV20120158A1; ITVE20110067A1; EP1340945A1; US6311685B1; EP0698768A1; DE19820068A1; US6121582A; EP0954969A3; FR2710401A1; CN107361308A; EP1176367A1; EP1424008A3; EP1321720A1; DE10162952A1; DE10162952C2; DE10162952C5; DE19708231A1; DE19708231C2; DE102008058718A1; NL1014044C2; US9372005B2; US7325480B2; WO03040626A1; WO2005066549A1; US7017571B2; US12031727B2; EP0856705B1; WO2024112782A1

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