

Title (en)
Gas-fired baking oven

Title (de)
Gasbeheizter Backofen

Title (fr)
Four de boulangerie chauffé au gaz

Publication
EP 0860658 A1 19980826 (DE)

Application
EP 98102743 A 19980217

Priority
DE 29703147 U 19970221

Abstract (en)
The circulating air blower provides a heating operation in the oven muffle. The gas burner arranged beneath the gas oven muffle (2) is formed as a compact, elongated, flat gas burner unit (4) with flame nozzles (6) laterally directed outwards from a ring conduit for the burner gas-air mixture. Through the flames emerging from the nozzles, heat energy is fed to the muffle base for the cooking process. Ignition of the gas burner unit is by means of an ignition device. Monitoring of the flame on the gas burner unit takes place at the remote end of the flame row to the ignition device by a sensor. Gas feed to the burner is by means of a tube flanged onto the gas burner unit via a bush (10).

Abstract (de)
Der gasbeheizte Backofen weist frontseitig unterhalb der Gasofenmuffel (2) eine Aussparung auf, durch welche ein wesentlicher kompakter Gasbrenner (4) unter die Backofenmuffel in die Arbeitslage einschiebbar und aus dieser wieder herausnehmbar ist. <IMAGE>

IPC 1-7
F24C 3/08

IPC 8 full level
F24C 3/08 (2006.01)

CPC (source: EP)
F24C 3/087 (2013.01)

Citation (search report)
• [A] DE 3227293 A1 19830324 - TIROLIA WERKE HEISS J & CO KG [AT]
• [A] US 4089319 A 19780516 - TAMADA KAZUMI, et al
• [A] US 5601073 A 19970211 - SHIMEK RONALD J [US]

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Designated contracting state (EPC)
DE ES FR GB IT NL

DOCDB simple family (publication)
DE 29703147 U1 19970417; DE 59808850 D1 20030807; EP 0860658 A1 19980826; EP 0860658 B1 20030702; ES 2202669 T3 20040401

DOCDB simple family (application)
DE 29703147 U 19970221; DE 59808850 T 19980217; EP 98102743 A 19980217; ES 98102743 T 19980217