

Title (en)
Cooking apparatus with forced-draft burner

Title (de)
Kochgerät mit Gebläsebrenner

Title (fr)
Appareil de cuisson à brûleur à soufflage

Publication
EP 0809078 A3 20000308 (EN)

Application
EP 97103503 A 19970304

Priority
IT PN960031 A 19960522

Abstract (en)
[origin: EP0809078A2] Gas-fuelled apparatus for cooking food, in particular gas-heated oven, comprising a combustion chamber, a flue gas outlet conduit and a cooking cavity, blowing means being arranged so as to be directed towards said combustion chamber, said blowing means being capable of circulating, in a substantially open circuit made up by said combustion chamber and said flue gas outlet conduit, a flow of ambient air, wherein, upon turning on the electric installation of the oven, any possible unburnt fuel gas is permanently evacuated from said combustion chamber. In a preferred manner, the chamber housing the burner is provided with at least an opening communicating with the atmosphere, which is adapted to provide a natural evacuation passage for unburnt combustible gases. The first ignition to the burner occurs after a pre-determined time of ventilation, subsequently to the ignition command delivered by an appropriate control arrangement, and the following ignitions occur immediately after said ignition command. <IMAGE>

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IPC 8 full level
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CPC (source: EP)
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Citation (search report)
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• [A] US 5197665 A 19930330 - JENSON MAURICE [CA], et al
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