

Title (en)

Gas burner for mounting in a cooking range or in a stove

Title (de)

Brenner für den Einsatz in einem Gaskochfeld oder in einem Backofen

Title (fr)

Brûleur à gaz pour le montage dans une cuisinière ou dans un four

Publication

EP 2144004 B1 20140122 (DE)

Application

EP 09164624 A 20090706

Priority

- DE 102008033370 A 20080708
- DE 102008036566 A 20080730

Abstract (en)

[origin: EP2144004A2] The burner has a gas inlet pipe (2) for a mixture of fuel gas and a combustion air. A catalytically active, gas permeable body (3) is arranged between the gas inlet pipe and a combustion zone (8), where the mixture flows to the zone through the body. The body is designed for partial oxidation and combustion of the mixture in a combustion stage and comprises a lateral outlet (7) that is connected with the combustion zone. A partially combusted mixture is mixed with a secondary air (9) in the combustion zone and combusted in another combustion stage.

IPC 8 full level

F24C 3/04 (2006.01)

CPC (source: EP)

F24C 3/047 (2013.01); **F24C 3/067** (2013.01)

Cited by

CN105841150A; CN105757664A; CN108613186A; EP2444726B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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