

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 A3 20100908 (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)

Citation (search report)

- [A] EP 1898153 A1 20080312 - ELECTROLUX HOME PROD CORP [BE]
- [A] DE 19962484 A1 20000817 - APPLIC DES GAZ SAINT GENIS LAV [FR]
- [A] FR 2708337 A1 19950203 - APPLIC GAZ SA [FR]
- [A] WO 9812480 A1 19980326 - GASTEC NV [NL], et al

Cited by

CN108613186A; CN105757664A; CN105841150A; EP2444726B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2144004 A2 20100113; EP 2144004 A3 20100908; EP 2144004 B1 20140122**; DE 102008036566 A1 20100325;  
DE 102008036566 B4 20100610

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