

Title (en)

Domestic gas oven and method of lighting at least one gas burner in such a domestic gas oven

Title (de)

Gasbackofen für den Hausgebrauch und Verfahren zum Zünden mindestens eines Gasbrenners in einem solchen Gasbackofen für den Hausgebrauch

Title (fr)

Four de cuisson domestique à gaz et procédé d'allumage d'au moins un brûleur à gaz dans un tel four de cuisson domestique à gaz

Publication

**EP 1837598 A3 20071010 (FR)**

Application

**EP 07104731 A 20070323**

Priority

FR 0602856 A 20060323

Abstract (en)

[origin: EP1837598A2] The oven has a gas burner (9) to heat a cooking chamber (2), and a grill element (10) e.g. electric grill, mounted on the chamber. A solenoid valve is mounted upstream of the chamber on a gas supplying pipe (22). A control unit (15) controls closing and opening of the valve for supplying the gas. An electric ignition unit (14) e.g. incandescent element, ignites the burner. The unit (15) controls the unit (14) adapted to select a cooking mode (23) to ignite and maintain the unit (14) during a cooking cycle. The unit (14) ignites/switch off the element to regulate temperature of the chamber. An independent claim is also included for a method for igniting a gas burner in a domestic gas oven.

IPC 8 full level

**F24C 3/12** (2006.01); **F24C 3/10** (2006.01)

CPC (source: EP US)

**F24C 1/04** (2013.01 - EP US); **F24C 3/087** (2013.01 - EP); **F24C 3/103** (2013.01 - EP); **F24C 3/128** (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1837598 A2 20070926; EP 1837598 A3 20071010**; FR 2898962 A1 20070928; FR 2898962 B1 20080509

DOCDB simple family (application)

**EP 07104731 A 20070323**; FR 0602856 A 20060323