

Title (en)

Gas hob with electronic control system

Title (de)

Gaskochmulde mit elektronischem Steuerungssystem

Title (fr)

Plaque de cuisson à gaz avec système de commande électronique

Publication

EP 1637808 A3 20091007 (EN)

Application

EP 05108211 A 20050907

Priority

IT TO20040631 A 20040921

Abstract (en)

[origin: EP1637808A2] A hob(1) is described, comprising at least one gas burner (21, 21 A, 21 B) and cut-off means (3, 3A, 3B) adapted to interrupt the gas supply to at least said burner (21, 21A, 2B1); the hob (1) also comprises reception means (4) adapted to receive signals indicating values of at least one cooking parameter being detected by a system (5), being typically external to the hob (1) and associated with a cook-ware (8), as well as an electronic control system (6) being connected to the cut-off means (3, 3A, 3B) and to the reception means (4) and adapted to control the cut-off means (3, 3A, 3B) on the basis of signals received by the reception means (4) and indicating values of at least one cooking parameter.

IPC 8 full level

F24C 3/12 (2006.01)

CPC (source: EP)

F23N 1/007 (2013.01); **F23N 5/102** (2013.01); **F24C 3/126** (2013.01); **F23N 5/24** (2013.01); **F23N 2235/16** (2020.01); **F23N 2241/08** (2020.01)

Citation (search report)

- [XY] EP 0802374 A1 19971022 - WHIRLPOOL CO [US]
- [Y] US 3875854 A 19750408 - WASSENAAR SIEK
- [DY] FR 2650369 A1 19910201 - MERLONI ELETTRODOMESTICI SPA [IT]

Cited by

RU2476138C2; ES2754878A1; EP1917472B1

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1637808 A2 20060322; **EP 1637808 A3 20091007**; IT TO20040631 A1 20041221; RU 2005129350 A 20070410; RU 2405117 C2 20101127

DOCDB simple family (application)

EP 05108211 A 20050907; IT TO20040631 A 20040921; RU 2005129350 A 20050920