

Title (en)

Electric activated device to shut off the gas flame of a cooking unit

Title (de)

Vorrichtung zum elektrisch gesteuerten Abschalten der Gasflamme einer Brennstelle

Title (fr)

Dispositif électrique pour l'arrêt d'une flamme de plaque chauffante à gaz

Publication

EP 1505344 A3 20100602 (DE)

Application

EP 04012387 A 20040526

Priority

DE 10335465 A 20030802

Abstract (en)

[origin: EP1505344A2] The device has a magnetic valve (13) whose coil (12) is supplied by a thermoelement (11) and that is held in its open position by the thermoelement when it is heated by the gas flame. A switching device (22, 23) is provided for feeding a compensation current for causing the magnetic valve to drop into the closed position into the thermo-current circuit of the magnetic coil connected to the thermoelement.

IPC 8 full level

F23N 5/10 (2006.01); **F23N 5/20** (2006.01); **F23N 5/24** (2006.01)

CPC (source: EP)

F23N 5/102 (2013.01); **F23N 5/203** (2013.01); **F23N 5/242** (2013.01); **F23Q 9/14** (2013.01); **F23N 2223/26** (2020.01); **F23N 2231/06** (2020.01); **F23N 2231/30** (2020.01); **F23N 2235/22** (2020.01); **F23N 2237/02** (2020.01)

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 IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

EP 1505344 A2 20050209; **EP 1505344 A3 20100602**; **EP 1505344 B1 20140430**; DE 10335465 A1 20050303; ES 2485843 T3 20140814; PL 1505344 T3 20140930; SI 1505344 T1 20140829

DOCDB simple family (application)

EP 04012387 A 20040526; DE 10335465 A 20030802; ES 04012387 T 20040526; PL 04012387 T 20040526; SI 200432175 T 20040526