

Title (en)
Gas hob

Title (de)
Gaskochmulde

Title (fr)
Plaque de cuisson à gaz

Publication
EP 2592353 A1 20130515 (DE)

Application
EP 12191730 A 20121108

Priority
ES 201131826 A 20111114

Abstract (en)
The hob (3) has a valve (14) for reducing pressure fluctuations in a primary air flow (13), which is supplied to a burner (5). The valve reduces or closes gaps (27, 31), which define a flow cross-section of the primary air flow by a preset pressure difference that lies at the valve. The valve includes a closure element (22), which defines the gaps together with a sealing bar (26). The closure element is movable against an effect of spiral compression springs (24, 24') for reducing or closing the gaps by the pressure difference. An independent claim is also included for a kitchen furniture.

Abstract (de)
Eine Gaskochmulde (3) mit einem Brenner (5) und einem Ventil (14) zum Reduzieren von Druckschwankungen in einem dem Brenner (5) zugeführten Primärluftstrom (13), welches bei einer an dem Ventil (14) anliegenden, vorbestimmten Druckdifferenz einen einen Strömungsquerschnitt des Primärluftstroms (13) definierenden Spalt (27, 31, 46, 47) verkleinert oder verschließt.

IPC 8 full level
F24C 3/08 (2006.01); **F24C 15/10** (2006.01)

CPC (source: EP ES)
F24C 3/085 (2013.01 - EP ES); **F24C 15/101** (2013.01 - EP ES)

Citation (applicant)
DE 10064450 A1 20020704 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Citation (search report)

- [A] DE 10237288 A1 20030618 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] US 2006051718 A1 20060309 - KAMAL AZFAR [US], et al
- [A] EP 1780469 A2 20070502 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2592353 A1 20130515; ES 2404980 A2 20130529; ES 2404980 R1 20130919

DOCDB simple family (application)
EP 12191730 A 20121108; ES 201131826 A 20111114