

Title (en)

Gas cock for a gas hob and solenoid valve therefor

Title (de)

Gashahn für ein Gaskochfeld sowie Elektromagnetventil für einen Gashahn

Title (fr)

Robinet à gaz pour une table de cuisson à gaz et sa soupape électromagnétique

Publication

EP 1657492 A3 20071226 (DE)

Application

EP 05110103 A 20051028

Priority

ES 200402784 A 20041110

Abstract (en)

[origin: EP1657492A2] Gas hob comprises a gas tap (7) for a gas burner (1) and a position sensor (23) arranged within a housing (21) of an electromagnetic valve (13). Independent claims are also included for the following: (1) Gas tap for the gas hob; and (2) Electromagnetic valve for the gas tap. Preferred Features: The valve is arranged in the gas tap. The gas tap has a tap axis (9) which brings the valve into an open position when actuated. The hob has a control unit (35) with an ignition electrode (37). The position sensor is formed as an electrical switch for closing a signal line leading to the control unit.

IPC 8 full level

F24C 3/12 (2006.01)

CPC (source: EP ES)

F23N 5/022 (2013.01 - ES); **F23N 5/102** (2013.01 - ES); **F23N 5/123** (2013.01 - ES); **F24C 3/126** (2013.01 - EP ES); **F23N 2227/36** (2020.01 - EP); **F23N 2235/14** (2020.01 - EP)

Citation (search report)

- [XY] EP 0964326 A1 19991215 - AGT GAS TECHNOLOGY GMBH [DE]
- [XY] EP 0581391 A1 19940202 - DELTEC FUEL SYSTEMS BV [NL]
- [XY] EP 1215441 A2 20020619 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] US 4147494 A 19790403 - ANDO TSUNEO, et al
- [A] GB 2109603 A 19830602 - THORN EMI GAS APPLIANCES LIMIT

Cited by

EP3205935A1; CN104776460A; US2017234448A1; CN107062300A; US9976670B2; US11067285B2

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 1657492 A2 20060517; **EP 1657492 A3 20071226**; **EP 1657492 B1 20130213**; ES 2258910 A1 20060901; ES 2258910 B1 20070601; ES 2400718 T3 20130411

DOCDB simple family (application)

EP 05110103 A 20051028; ES 05110103 T 20051028; ES 200402784 A 20041110