

Title (en)  
GAS REGULATING FITTING

Title (de)  
GASREGELARMATUR

Title (fr)  
DISPOSITIF DE REGULATION DE GAZ

Publication  
**EP 1599694 B1 20110504 (DE)**

Application  
**EP 04714744 A 20040226**

Priority  
• EP 2004001885 W 20040226  
• DE 10309469 A 20030303

Abstract (en)  
[origin: WO2004079265A1] The aim of the invention is to create a gas regulating fitting that, in addition to enabling an electronic ignition of the gas flow, also permits a manual ignition. An unwanted manual actuation should, however, be prevented. A covering element (17) is displaceably mounted on the housing (1) of the gas regulating fitting and, in a first position, covers a tappet (10; 14), which is provided for actuating a thermoelectric ignition safety valve (26) and a main valve (19), and covers a control switch (13) of a piezoelectric igniting element. When the covering element (17) is in a second position, an actuation of the tappet (10; 14), which inevitably occurs when the covering element (17) is displaced, ensures that the main valve (19) is located in the closed position. In addition, the control switch (13) and the tappet (10, 14) are released in this position in such a manner that an ignition of the gas flow is made possible by a manual actuation thereof. The gas regulating fitting can be used for igniting and for controlling a gas flow flowing to a burner.

IPC 8 full level  
**F23N 5/10** (2006.01); **F23N 5/24** (2006.01)

CPC (source: EP KR US)  
**F23N 5/10** (2013.01 - KR); **F23N 5/105** (2013.01 - EP US); **F23N 5/247** (2013.01 - EP US); **F23N 2235/14** (2020.01 - EP US); **F23N 2235/24** (2020.01 - EP US)

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 PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004079265 A1 20040916**; AR 043457 A1 20050727; AT E508330 T1 20110515; AU 2004217797 A1 20040916; AU 2004217797 B2 20090319; CA 2516063 A1 20040916; CA 2516063 C 20120207; CN 1756926 A 20060405; DE 10309469 B3 20041021; DE 502004012471 D1 20110616; DK 1599694 T3 20110815; EP 1599694 A1 20051130; EP 1599694 B1 20110504; ES 2366121 T3 20111017; HK 1089228 A1 20061124; JP 2006519346 A 20060824; JP 4538447 B2 20100908; KR 101161027 B1 20120628; KR 20050103974 A 20051101; PL 206983 B1 20101029; PL 379223 A1 20060807; PT 1599694 E 20110802; RU 2005129601 A 20060220; RU 2337272 C2 20081027; SI 1599694 T1 20110930; TW 200427950 A 20041216; TW I336387 B 20110121; UA 85835 C2 20090310; US 2006172237 A1 20060803; US 7507085 B2 20090324

DOCDB simple family (application)  
**EP 2004001885 W 20040226**; AR P040100663 A 20040303; AT 04714744 T 20040226; AU 2004217797 A 20040226; CA 2516063 A 20040226; CN 200480005775 A 20040226; DE 10309469 A 20030303; DE 502004012471 T 20040226; DK 04714744 T 20040226; EP 04714744 A 20040226; ES 04714744 T 20040226; HK 06106283 A 20060530; JP 2006504471 A 20040226; KR 20057016358 A 20040226; PL 37922304 A 20040226; PT 04714744 T 20040226; RU 2005129601 A 20040226; SI 200431717 T 20040226; TW 93105253 A 20040301; UA A200508478 A 20040226; US 54739504 A 20040226