

Title (en)

A VALVE UNIT FOR COTROLLING THE SUPPLY OF A FUEL GAS, PARTICULARLY FOR COOKING HOBS AND THE LIKE

Title (de)

VENTILEINHEIT ZUR STEUERUNG DER ABGABE EINES BRENNGASES, INSBESONDERE FÜR KOCHSTELLEN UND DERGLEICHEN

Title (fr)

UNITE DE VANNE DESTINEE A CONTROLER L'APPORT DE GAZ COMBUSTIBLE, NOTAMMENT CONÇUE POUR DES PLAQUES DE CUISSON ET SIMILAIRES

Publication

EP 1730443 A1 20061213 (EN)

Application

EP 04721627 A 20040318

Priority

IT 2004000131 W 20040318

Abstract (en)

[origin: WO2005088194A1] A valve unit (1) for controlling the supply of a fuel gas to at least one burner, particularly for cooking hobs and the like, is described and comprises a pressure modulator device (10) including a gas supply duct (2) extending between an inlet opening (3a) and an outlet opening (3b) of the unit (1), a valve seat (12) in the duct (2) and a closure member associated with the seat (10), and an actuator element (14) which is active on the closure member (11) for the control thereof in the opening/closure of the valve seat (12), wherein the actuator element (14) comprises a diaphragm (16) fixed firmly to the closure member (11), the diaphragm being subject, on one side, to the atmospheric pressure and to a force exerted by first resilient means (15) and, on the opposite side, to the gas output pressure and to a force exerted by second resilient means (17).

IPC 8 full level

F23K 5/00 (2006.01); **F23N 1/00** (2006.01)

CPC (source: EP)

F23K 5/007 (2013.01); **F24C 3/126** (2013.01); **F23K 2900/05001** (2013.01); **F23N 2235/18** (2020.01); **F23N 2235/20** (2020.01)

Citation (search report)

See references of WO 2005088194A1

Designated contracting state (EPC)

IT

DOCDB simple family (publication)

WO 2005088194 A1 20050922; EP 1730443 A1 20061213; TW 200532145 A 20051001

DOCDB simple family (application)

IT 2004000131 W 20040318; EP 04721627 A 20040318; TW 94107111 A 20050309