

Title (en)  
A VALVE UNIT FOR REGULATING THE FLOW-RATE OF FUEL GAS IN DEPENDENCE ON THE FLOW-RATE OF WATER, PARTICULARLY FOR WATER HEATERS

Title (de)  
EINE VENTILEINHEIT ZUR REGELUNG DER GASDURCHFLUSSMENGE IN ABHÄNGKEIT DER WASSERDURCHFLUSSMENGE, INSBESONDERE FÜR WASSERERHITZER

Title (fr)  
UNITE A VALVE DE REGULATION DU DEBIT DE GAZ COMBUSTIBLE EN FONCTION DU DEBIT D'EAU, SPECIALEMENT CONÇUE POUR LES CHAUFFAGES A EAU

Publication  
**EP 1218672 B1 20031008 (EN)**

Application  
**EP 00954460 A 20000710**

Priority  
• EP 0006529 W 20000710  
• IT PD990215 A 19991001

Abstract (en)  
[origin: WO0125693A1] A valve unit (1) for regulating the flow-rate of a fuel gas in dependence on the flow-rate of water, particularly for water-heaters, comprises a valve (11) for regulating the flow-rate of the fuel gas and a hydraulic turbine (2) which in turn includes a rotor (2a), the rate of rotation of which is associated with the flow-rate of water. The hydraulic turbine (2) is connected to the regulation valve (11) in order to regulate the flow-rate of the fuel gas in dependence on the flow-rate of water supplied to the turbine.

IPC 1-7  
**F23N 1/08**; **F23N 1/00**

IPC 8 full level  
**F23N 1/00** (2006.01); **F23N 1/08** (2006.01)

CPC (source: EP)  
**F23N 1/005** (2013.01); **F23N 1/085** (2013.01); **F23N 2235/16** (2020.01)

Cited by  
US10247446B2; US10955169B2; EP2878814A1

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DOCDB simple family (application)  
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