

Title (en)

GAS VALVE UNIT AND METHOD FOR THE MODULATING CONTROL OF A GAS VALVE OF THE GAS VALVE UNIT

Title (de)

GASVENTILEINHEIT UND VERFAHREN ZUR MODULIERENDEN STEUERUNG EINES GASVENTILS DER GASVENTILEINHEIT

Title (fr)

UNITÉ DE SOUPAPE DE GAZ ET PROCÉDÉ DE MODULATION DE LA COMMANDE D'UNE SOUPAPE DE GAZ DE L'UNITÉ DE SOUPAPE DE GAZ

Publication

EP 3794282 A1 20210324 (DE)

Application

EP 19766225 A 20190909

Priority

- DE 102018124915 A 20181009
- EP 2019073953 W 20190909

Abstract (en)

[origin: CN209511228U] The utility model relates to a gas valve unit. The system comprises an electronic control gas valve, a controller and a data memory, wherein the electronic control gas valve is used for adjusting gasflow; wherein at least one calibration value for the gas valve is stored on the data memory, wherein the calibration value is a parameter for a predetermined gas flow corresponding to a specific control value of the gas valve, wherein the controller, the gas valve and the data memory are connected via a digital communication line, and the controller is designed to electronically control the gas valve using the calibration value in order to adjust the gas valve.

IPC 8 full level

F23N 1/00 (2006.01); **F23N 5/26** (2006.01)

CPC (source: EP)

F16K 37/0041 (2013.01); **F16K 37/005** (2013.01); **F23N 1/002** (2013.01); **F23N 5/265** (2013.01); **F23N 2227/20** (2020.01); **F23N 2235/24** (2020.01)

Citation (search report)

See references of WO 2020074192A1

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)

DE 102018124915 A1 20200409; CN 209511228 U 20191018; EP 3794282 A1 20210324; WO 2020074192 A1 20200416

DOCDB simple family (application)

DE 102018124915 A 20181009; CN 201822042727 U 20181206; EP 19766225 A 20190909; EP 2019073953 W 20190909