

## Title (en)

Method and device for controlling the gaseous fuel flow

## Title (de)

Verfahren und Vorrichtung zur Regelung des gasförmigen Brennstoffstromes

## Title (fr)

Procédé et dispositif de regulation d'un courant de combustible gazeux

## Publication

**EP 1022514 A1 20000726 (FR)**

## Application

**EP 00400115 A 20000118**

## Priority

FR 9900680 A 19990122

## Abstract (en)

The method comprises altering the calorific value of the supply gas in relation to the operational parameters that the pre-set level determines. The calorific value is calculated as a function of the highest calorific value and the supply density of the combustion gas. The density of the combustion gas within the combustion mixture is adjusted to achieve the desired output. An Independent claim is included for an apparatus for the regulation of a combustible gas supply

## Abstract (fr)

L'invention a pour objet un procédé de régulation du « pouvoir calorifique » d'un courant de combustible gazeux du type gaz fossile comportant un gaz combustible majoritaire dit « A » et circulant dans une conduite. Cette régulation s'effectue au moins pour partie par ajout contrôlé dans le courant d'au moins un gaz combustible dit « B » de pouvoir calorifique supérieur à celui de « A ». L'invention a également pour objet son dispositif de mise en oeuvre et ses applications.

## IPC 1-7

**F23N 1/00**

## IPC 8 full level

**F23K 5/00** (2006.01); **C03B 5/00** (2006.01); **C10L 3/00** (2006.01); **F23N 1/00** (2006.01); **F23N 5/00** (2006.01); **F27D 7/00** (2006.01)

## CPC (source: EP US)

**F23N 1/002** (2013.01 - EP US); **F23N 2221/10** (2020.01 - EP US); **F23N 2237/08** (2020.01 - EP US); **Y10T 137/2509** (2015.04 - EP US)

## Citation (applicant)

- EP 0326494 A1 19890802 - GAZ DE FRANCE [FR]
- WO 9802386 A1 19980122 - SAINT GOBAIN VITRAGE [FR], et al
- EP 0650934 A1 19950503 - SAINT GOBAIN VITRAGE [FR]
- US 3260587 A 19660712 - DOLF HANS R, et al
- US 3738792 A 19730612 - FENG C

## Citation (search report)

- [X] EP 0075369 A1 19830330 - NEDERLANDSE GASUNIE NV [NL]
- [XA] DE 1234160 B 19670216 - GASELAN VEB
- [XA] PATENT ABSTRACTS OF JAPAN vol. 007, no. 079 (M - 204) 31 March 1983 (1983-03-31)
- [X] PATENT ABSTRACTS OF JAPAN vol. 095, no. 011 26 December 1995 (1995-12-26)
- [X] PATENT ABSTRACTS OF JAPAN vol. 012, no. 416 (M - 759) 4 November 1988 (1988-11-04)
- [X] PATENT ABSTRACTS OF JAPAN vol. 017, no. 395 (M - 1451) 23 July 1993 (1993-07-23)

## Cited by

CN100460644C; FR2847659A1; US7216486B2; WO2017152845A1; WO03062618A1

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## DOCDB simple family (application)

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