

Title (en)

Gas burner with a safety valve power supply circuit for the ignition of said burner

Title (de)

Gasbrenner mit Stromversorgungsschaltung eines Sicherheitsventils für den Zündvorgang des Gasbrenners

Title (fr)

Brûleur à gaz comprenant un circuit d'alimentation d'une soupape de sécurité pour l'allumage d'un tel brûleur

Publication

EP 1739351 A1 20070103 (EN)

Application

EP 05014136 A 20050630

Priority

EP 05014136 A 20050630

Abstract (en)

Safety valve power supply circuit for the ignition of a gas burner, said safety valve (2) being powered by a flame detecting thermocouple (3). The power supply circuit (1) comprises conditioning means (4) for converting an input signal (E) into an output signal (S) able to maintain the safety valve (2) open, and said input signal (E) is generated by the energy accumulated in a capacitor (5), said capacitor (5) being charged when the gas burner is activated.

IPC 8 full level

F23N 5/10 (2006.01); **F23Q 3/00** (2006.01); **F24C 3/10** (2006.01)

CPC (source: EP)

F23N 5/102 (2013.01); **F23Q 3/004** (2013.01); **F24C 3/103** (2013.01); **F23N 2223/26** (2020.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

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