

Title (en)

Fail-safe ignition device for a valve of a burner.

Title (de)

Sicherheitszündvorrichtung für ein Brennerventil.

Title (fr)

Dispositif d'allumage de sécurité destiné à une valve pour brûleur.

Publication

EP 0020280 A1 19801210 (FR)

Application

EP 80400797 A 19800604

Priority

FR 7914276 A 19790605

Abstract (en)

[origin: US4382773A] This safety ignition device intended notably for controlling the valve through which gaseous fuel is supplied to a burner injector comprises essentially built-in means for protecting the circuitry from transient overvoltages and current surges, notably a varistor for limiting peak voltages and currents, absorbing disturbing energies and stabilizing pressures.

Abstract (fr)

L'invention concerne un dispositif d'allumage de sécurité destiné à une valve pour brûleur. Ce dispositif d'allumage comprend des moyens intégrés de protection contre les surtensions transitoires notamment un varistor J permettant de limiter les tensions et les courants de choc, d'absorber les énergies perturbatrices et de stabiliser les tensions.

IPC 1-7

F23Q 3/00; **F23N 5/24**

IPC 8 full level

F23N 5/24 (2006.01); **F23Q 3/00** (2006.01)

CPC (source: EP US)

F23N 5/242 (2013.01 - EP US); **F23Q 3/00** (2013.01 - EP US); **F23N 2231/04** (2020.01 - EP US); **Y10T 137/6416** (2015.04 - EP US)

Citation (search report)

- [A] DE 1551949 A1 19700723 - DANFOSS AS
- [A] FR 2178756 A1 19731116 - MECANIQUE STE BOURGUIGNO [FR]
- [A] US 3191661 A 19650629 - RAY WILLIAM A

Cited by

FR2690732A1; US9410525B2

Designated contracting state (EPC)

AT BE CH DE GB IT LU NL SE

DOCDB simple family (publication)

EP 0020280 A1 19801210; **EP 0020280 B1 19830511**; AT E3329 T1 19830515; DE 3063087 D1 19830616; FR 2458755 A1 19810102; FR 2458755 B1 19840323; JP S5649818 A 19810506; JP S6367099 B2 19881223; US 4382773 A 19830510

DOCDB simple family (application)

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