

Title (en)

DEVICE FOR CONTROLLING THE ACTIVE INGREDIENT AS IT LEAVES A VIBRATION BURNER NOZZLE

Publication

**EP 0060938 A3 19830309 (DE)**

Application

**EP 81110241 A 19811207**

Priority

DE 3100414 A 19810109

Abstract (en)

[origin: US4504214A] A control valve for a resonant burner having a burner space for receiving active substance through a conduit with an atomizing nozzle discharging into the space is disclosed. When the valve is shut off to terminate flow of the active substance through the valve to the burner conduit, a spring action in the valve tends to withdraw the active substance from the conduit by creating a suction effect therein.

IPC 1-7

**F23D 11/28**

IPC 8 full level

**B05B 7/20** (2006.01); **F16K 31/126** (2006.01); **F23C 15/00** (2006.01); **F23D 11/28** (2006.01)

CPC (source: EP US)

**F23C 15/00** (2013.01 - EP US)

Citation (search report)

- DE 666982 C 19381102 - GUSTAV SCHLICK
- AT 196046 B 19580225 - ZIEGLER SERGE ING [DE]
- AT 196045 B 19580225 - ZIEGLER SERGE ING [DE]

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**US 4504214 A 19850312**; AT E12680 T1 19850415; BR 8200067 A 19821026; CA 1195229 A 19851015; DE 3100414 A1 19820812; DE 3169904 D1 19850515; EP 0060938 A2 19820929; EP 0060938 A3 19830309; EP 0060938 B1 19850410; JP H0125625 B2 19890518; JP S57130563 A 19820813

DOCDB simple family (application)

**US 33538681 A 19811229**; AT 81110241 T 19811207; BR 8200067 A 19820107; CA 392900 A 19811222; DE 3100414 A 19810109; DE 3169904 T 19811207; EP 81110241 A 19811207; JP 19575581 A 19811207