

Title (en)

SPRING LOADED BELLOWS REGULATOR

Title (de)

FEDERBELASTETER FALTENBALGREGLER

Title (fr)

REGULATEUR A SOUFFLET ET A RESSORT DE RAPPEL

Publication

EP 0832387 A4 19990127 (EN)

Application

EP 96923547 A 19960703

Priority

- US 9611101 W 19960703
- US 85695 P 19950703

Abstract (en)

[origin: WO9702447A1] A pressure regulating valve includes a valve (22') biased closed against seat (21') by spring (7'). An adjustment arrangement including nut (6') and shaft (3') is used to set the spring bias.

IPC 1-7

F16K 17/06

IPC 8 full level

F16K 17/06 (2006.01); **G05D 16/06** (2006.01)

CPC (source: EP)

G05D 16/0619 (2013.01)

Citation (search report)

- [XY] DE 916921 C 19540819 - SAMSON APPBAU AKTIEN GES
- [YD] US 5303734 A 19940419 - EIDSMORE PAUL G [US]
- [Y] US 4760862 A 19880802 - MUTOU YOSHIICHI [JP], et al
- [A] US 2770251 A 19561113 - GODDARD ESTHER C
- [A] US 2318721 A 19430511 - SIVER CHESTER A
- [A] EP 0275931 A2 19880727 - HITACHI LTD [JP]
- See references of WO 9702447A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9702447 A1 19970123; EP 0832387 A1 19980401; EP 0832387 A4 19990127; JP 4138874 B2 20080827; JP H11508990 A 19990803

DOCDB simple family (application)

US 9611101 W 19960703; EP 96923547 A 19960703; JP 50524397 A 19960703