

Title (en)

CONTROL DEVICE AND OPERATING CYCLE FOR A FLOW RATE REGULATING SYSTEM OF A VENTILATION SYSTEM OF A ROOM WITH CONTROLLED ATMOSPHERE

Publication

EP 0427585 B1 19930303 (FR)

Application

EP 90402938 A 19901019

Priority

FR 8914752 A 19891106

Abstract (en)

[origin: EP0427585A1] This device comprises a pressure divider (8) which delivers the control pressure (P3) of a valve positioned in a pipe, starting from different pressures (P1, P2), two deformable capsules (A, B) which, as a function of reference signals received, act on a mobile element (9) of the divider (8) with inverse effects to make the pressure (P3) vary as a function of said references, energy supply means (13a, 13b) which are necessary for the variation of the pressure in the capsule (A, B) as a function of the references received, means (12a, 12b) which make it possible to be free from the variation of atmospheric pressure, and a member for control of the means (13a, 13b) receiving a signal transmitted by a probe and transmitting, according to a cycle consisting of a succession of periods of feed and of relaxation of the capsules (A, B), a signal for control of the pressure (P3). <IMAGE>

IPC 1-7

F24F 11/00; F24F 11/04

IPC 8 full level

F24F 7/007 (2006.01); **F24F 11/00** (2006.01); **F24F 11/04** (2006.01)

CPC (source: EP US)

F24F 11/0001 (2013.01 - EP US); **F24F 11/74** (2017.12 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0427585 A1 19910515; EP 0427585 B1 19930303; AT E86378 T1 19930315; CA 2029212 A1 19910507; DE 69001010 D1 19930408; DE 69001010 T2 19930617; ES 2039119 T3 19930816; FR 2654197 A1 19910510; FR 2654197 B1 19920124; JP H03168549 A 19910722; US 5143287 A 19920901

DOCDB simple family (application)

EP 90402938 A 19901019; AT 90402938 T 19901019; CA 2029212 A 19901102; DE 69001010 T 19901019; ES 90402938 T 19901019; FR 8914752 A 19891106; JP 29737290 A 19901105; US 60693190 A 19901031