

Title (en)

Control device with a control valve for controlling a medium

Title (de)

Steuereinrichtung mit einer Steuerklappe zur Steuerung eines Mediums

Title (fr)

Dispositif de commande avec soupape de commande pour contrôler une substance

Publication

**EP 1186762 A3 20030312 (DE)**

Application

**EP 01120305 A 20010824**

Priority

DE 10044780 A 20000909

Abstract (en)

[origin: EP1186762A2] The control device with a control valve (11) is particularly for exhaust gas control with a control valve within aa conduit (12), the valve being heeld on a shaft (13). With its ends (14,15) the shaft is pivotably located in bearing accommodations (17,18) in the wall (16) of the conduit. With the location of at least one end of the shaft (14), between this end and the beairgn accommodation, there is at least only a circular ring-shaped line contact, so that deposits of particles in the medium, which would otherwise make the pivot location difficult of access, or even blocked, are avoided.

IPC 1-7

**F02D 9/10**

IPC 8 full level

**F02D 9/04** (2006.01); **F02D 9/10** (2006.01)

CPC (source: EP)

**F02D 9/04** (2013.01); **F02D 9/1045** (2013.01)

Citation (search report)

- [XA] EP 0835998 A1 19980415 - ECIA EQUIP COMPOSANTS IND AUTO [FR]
- [XA] WO 9704259 A1 19970206 - MANN & HUMMEL FILTER [DE], et al
- [XA] GB 1181235 A 19700211 - AMOTS AND COMPANY, et al
- [A] DE 4038696 A1 19920611 - BAYERISCHE MOTOREN WERKE AG [DE]
- [A] EP 0964147 A2 19991215 - WAHLER GMBH & CO GUSTAV [DE]
- [XA] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 04 30 April 1996 (1996-04-30)

Cited by

EP1426589A3

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1186762 A2 20020313; EP 1186762 A3 20030312; DE 10044780 A1 20020404**

DOCDB simple family (application)

**EP 01120305 A 20010824; DE 10044780 A 20000909**