

Title (en)

Valve arrangement for the control of a recirculated exhaust gas flow

Title (de)

Ventilanordnung zur Steuerung eines rückgeführten Abgasstromes

Title (fr)

Arrangement d'une soupape pour la commande d'un flux de gaz d'échappement recyclé

Publication

EP 0994247 B1 20040728 (DE)

Application

EP 99101651 A 19990205

Priority

DE 19812702 A 19980323

Abstract (en)

[origin: DE19812702A1] The valve device has two valve seats (12,13), each associated with a valve closure element (16), operated by a common operating mechanism (17) via a setting element (21). The valve closure elements are biased in the closure direction by springs (28,29) and the gas pressure of the exhaust gas flow.

IPC 1-7

F02M 25/07

IPC 8 full level

F02M 25/07 (2006.01); **F02M 26/26** (2016.01); **F02M 26/68** (2016.01); **F02M 26/71** (2016.01)

CPC (source: EP)

F02M 26/26 (2016.02); **F02M 26/68** (2016.02); **F02M 26/71** (2016.02); **F02M 26/28** (2016.02); **F02M 26/30** (2016.02); **F02M 26/67** (2016.02)

Cited by

EP1793114A3; EP2067977A3; EP2559889A1; DE102006053755A1; EP1793113A3; ES2209610A1; CN109944720A; EP1793114A2; US7581532B2; EP2067977A2; WO2008011973A1; WO2021037367A1

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

DE 19812702 A1 19990930; DE 59910053 D1 20040902; EP 0994247 A2 20000419; EP 0994247 A3 20010411; EP 0994247 B1 20040728

DOCDB simple family (application)

DE 19812702 A 19980323; DE 59910053 T 19990205; EP 99101651 A 19990205