

Title (en)
DEVICE FOR CONTROLLING AN EXHAUST GAS STREAM

Title (de)
VORRICHTUNG ZUR STEUERUNG EINES ABGASSTROMS

Title (fr)
DISPOSITIF DESTINE A COMMANDER UN FLUX DE GAZ D'ECHAPPEMENT

Publication
EP 1926907 B1 20160831 (DE)

Application
EP 06791380 A 20060907

Priority

- DE 2006001611 W 20060907
- DE 102005044089 A 20050908

Abstract (en)
[origin: WO2007028381A2] The invention relates to a device for controlling an exhaust gas stream. Said device comprises a housing (1, 101) with at least a first, second and third connection (2, 3, 4, 102, 103, 104) that form links to a first, second and third exhaust gas conduit for conducting the exhaust gases of an internal combustion engine, a first sliding element (6, 106) with a displaceable first sliding rod (6a, 106a) and a first sealing member (6c, 106c) that is located on said rod, a second sliding element (7, 107) with a displaceable second sliding rod (7, 107a) and a second sealing member (7c, 107c) that is located on said rod and an actuator for a force-assisted actuation of the device. According to the invention, a link (4c, 104b) can be established between the first and the second connection and can be adjusted by means of the first sealing member (6, 106) and a link (3c, 103b) can be established and adjusted between the first and the third connection by means of the second sealing member (7c, 107c). The device is equipped with a control mechanism (8, 108) that is connected to the actuator, said mechanism (8, 108) permitting the first sliding element (6, 106) and the second sliding element (7, 107) to be displaced.

IPC 8 full level
F02M 26/26 (2016.01); **F02M 26/38** (2016.01); **F02M 26/39** (2016.01); **F02M 26/67** (2016.01); **F02M 26/68** (2016.01); **F02M 26/71** (2016.01)

CPC (source: EP US)
F02M 26/26 (2016.02 - EP US); **F02M 26/38** (2016.02 - EP US); **F02M 26/39** (2016.02 - EP US); **F02M 26/67** (2016.02 - EP US); **F02M 26/69** (2016.02 - EP US); **F02M 26/71** (2016.02 - EP US); **Y10T 137/86759** (2015.04 - EP US)

Citation (examination)
EP 1275838 A1 20030115 - COOPER STANDARD AUTOMOTIVE D [DE]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102005044089 A1 20070315; CN 101287901 A 20081015; EP 1926907 A2 20080604; EP 1926907 B1 20160831; JP 2009507172 A 20090219; US 2008250787 A1 20081016; US 7938106 B2 20110510; WO 2007028381 A2 20070315; WO 2007028381 A3 20070510

DOCDB simple family (application)
DE 102005044089 A 20050908; CN 200680038127 A 20060907; DE 2006001611 W 20060907; EP 06791380 A 20060907; JP 2008529468 A 20060907; US 6568306 A 20060907