

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  
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Application  
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Priority

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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.

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