

Title (en)

Device for metering exhaust gases into the combustion chamber of an internal combustion engine.

Title (de)

Vorrichtung zum dosierten Einspeisen von verbrannten Gasen in den Brennraum einer Verbrennungskraftmaschine.

Title (fr)

Dispositif pour doser des gaz d'échappement dans la chambre de combustion d'un moteur à combustion interne.

Publication

EP 0484656 B1 19941130 (DE)

Application

EP 91115249 A 19910910

Priority

DE 4035176 A 19901106

Abstract (en)

[origin: JPH04265454A] PURPOSE: To provide a device for supplying combustion gas to the combustion chamber of an internal combustion engine at a controlled rate, capable of being produced at a low cost and with high reliability. CONSTITUTION: This device for supplying combustion gas to the combustion chamber of an internal combustion engine at a controlled rate is provided with an exhaust gas pipe and an intake pipe disposed with a throttle valve, both of which are connected through a pipe line internally-formed with a shut-off valve, and a driving means for switching to an open position assigned to the shut-off valve and the throttle valve, wherein a driving means 4 for the shut-off valve 1 and the throttle valve 3 are operated together by a common operation device.

IPC 1-7

F02D 21/08

IPC 8 full level

F02D 9/02 (2006.01); **F02D 11/04** (2006.01); **F02D 21/08** (2006.01); **F02M 26/64** (2016.01); **F02M 26/67** (2016.01)

CPC (source: EP US)

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Cited by

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EP 0484656 A2 19920513; **EP 0484656 A3 19920729**; **EP 0484656 B1 19941130**; AT E114783 T1 19941215; DE 4035176 A1 19920507; DE 4035176 C2 19920827; DE 4035176 C3 19971113; DE 59103681 D1 19950112; ES 2064844 T3 19950201; JP 2566080 B2 19961225; JP H04265454 A 19920921; US 5213087 A 19930525

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EP 91115249 A 19910910; AT 91115249 T 19910910; DE 4035176 A 19901106; DE 59103681 T 19910910; ES 91115249 T 19910910; JP 28838191 A 19911105; US 77280291 A 19911008