

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 A2 19920513 (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.

Abstract (de)

Eine Vorrichtung zum dosierten Einspeisen von verbrannten Gasen in den Brennraum einer Verbrennungskraftmaschine, bei der in dem Ansaugrohr (6) eine Drosselklappe (3) angeordnet ist. Das Abgasrohr ist durch eine Leitung (20) mit einem darin enthaltenen Sperrventil (1) mit dem Ansaugrohr (6) verbunden, wobei dem Sperrventil (1) und der Drosselklappe (3) gemeinsame Antriebsmittel (4) zur Überführung in eine Offenstellung zugeordnet und hierdurch nur gemeinsam betätigbar sind. <IMAGE>

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)

F02D 21/08 (2013.01 - EP US); **F02M 26/64** (2016.02 - EP US); **F02M 26/67** (2016.02 - EP US); **F02D 2009/0276** (2013.01 - EP US)

Cited by

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DOCDB simple family (application)

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