

Title (en)
Device for controlling a flow of intake gas and/or recirculated exhaust gas in an internal combustion engine cylinder and corresponding intake module

Title (de)
Vorrichtung zur Kontrolle eines einströmenden Gasflusses und/oder rückgeführten Abgasflusses in einem Zylinder eines Verbrennungsmotors, und entsprechendes Ansaugmodul

Title (fr)
Dispositif de contrôle d'un flux de gaz d'admission et/ou de gaz d'échappement recirculés dans un cylindre de moteur à combustion interne et module d'admission correspondant.

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Abstract (en)
[origin: US2015152797A1] The invention relates to a control device for a flow of intake gas and/or recirculated exhaust gases in a cylinder of an internal combustion engine, and for an intake module comprising at least one pipe which is arranged so as to supply the cylinder. The control device comprises a sealing means, and a means for deactivating at least one pipe which is able to be controlled between a first position in which the pipe supplies the cylinder with the intake gases (F) and a second position in which the pipe supplies the cylinder with the recirculated exhaust gases. The sealing means is configured so as to be displaced as a result of the difference in pressure between the intake and the exhaust on both sides of the sealing means between a locked position of the deactivation means in the first position, and a position of release of the deactivation means.

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