Title (en)
EXHAUST PRESSURE CONTROL VALVE

Title (de)
ABGASDRUCKSTEUERVENTIL

Title (fr)
SOUPAPE DE REGLAGE DE PRESSION DE GAZ D'ECHAPPEMENT

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Application
EP 07738722 A 20070315

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Abstract (en)
[origin: EP2003313A2] The present invention provides an exhaust pressure control valve for controlling the pressure of exhaust gas discharged from an engine. The exhaust pressure control valve is capable of reducing the amount of noise generated when a main valve of the exhaust pressure control valve is switched from a closed state to an open state. The exhaust pressure control valve 10 of the present invention comprises a housing 11 having a main passage 12 and a bypass passage 28, a main valve 30 for opening and closing the main passage 12, and a bypass valve 28 for opening and closing the bypass passage 28. An inlet port 16 is provided in an inner wall face of the main passage 12 at an upstream side of the main valve. An outlet port 46 is provided in the inner wall face of the main passage 12 at a downstream side of the main valve. An upstream end of the bypass passage 28 is connected to the inlet port 16, and a downstream end of the bypass passage 28 is connected to the outlet port 46. A position of the outlet port 46 is offset in the circumferential direction from the position of a point on the circumferential edge of a valve member at which the distance from an axis of a rotation shaft of the main valve to the circumferential edge of the valve member is longest.

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