

Title (en)
ENGINE

Title (de)
BRENNKRAFTMASCHINE

Title (fr)
MOTEUR

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Application
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Abstract (en)
[origin: WO2014131790A1] The invention relates to an internal combustion engine with a combustion engine, an exhaust gas line, a fresh gas line, a turbocharger with a turbine integrated into the exhaust gas line, a compressor integrated into the fresh gas line, and a trim plate (12), by means of which the cross section of the compressor inflow can be adjusted. The internal combustion engine is characterized by a low-pressure exhaust gas recirculation system, by means of which exhaust gas downstream of the turbine is removed from the exhaust gas line and can be introduced into the fresh gas line upstream of the compressor, wherein an opening of the low-pressure exhaust gas recirculation system is arranged in the region of the trim plate (12).

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