

Title (en)
COMBUSTION ENGINE WITH EXHAUST GAS RECIRCULATION

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Abstract (en)
[origin: EP0498947A1] The invention relates to a combustion engine with exhaust gas recirculation, in which a quantity of exhaust gases controllable as a function of operating conditions is returned to the intake system. The underlying object is to increase the quantity of exhaust gases returned, especially in the part-load range at low engine speed. The object is achieved according to the invention by arranging a throttle valve (7) operating in a manner dependent on the exhaust gas temperature in the exhaust system downstream of the connection of the exhaust gas recirculation pipe, the exhaust gas backpressure and hence the return flow rate thereby being increased in an effective manner. <IMAGE>

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