Title (en)
EXHAUST GAS RECIRCULATION COOLER CLEANING METHOD

Title (de)
ABGASRÜCKFÜHRUNGS-KÜHLER REINIGUNGSVERFAHREN

Title (fr)
PROCÉDÉ DE NETTOYAGE D'UN REFROIDISSEUR DE RECIRCULATION DE GAZ D'ÉCHAPPEMENT

Publication
EP 3092384 A1 20161116 (DE)

Application
EP 14803046 A 20141119

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Abstract (en)
[origin: WO2015090498A1] The invention relates to an internal combustion engine with an exhaust gas recirculation (EGR) capability, comprising at least one turbocharger (2), at least one engine controller (11), at least one suction line (9), and at least one exhaust gas line (3) which has at least one EGR line (4). The EGR line (4) has at least one EGR valve (5) in said EGR line (4) in order to reroute a part of the exhaust gas flowing through said EGR line (4) to at least one EGR cooler (6) or an EGR cooler exhaust gas side (6) arranged downstream in the flow direction, the suction side (7) of the EGR cooler (14) being connected to the suction line (9) by means of an EGR suction line piece (8). The EGR valve (5) is designed to be openable and closable such that soot particles which have reached the EGR cooler and have been deposited in the EGR cooler are removed by additional exhaust gas pressure pulses.

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