

Title (en)

COMBUSTION ENGINE, MOTOR VEHICLE AND METHOD FOR OPERATING A COMBUSTION ENGINE

Title (de)

VERFAHREN ZUM BETREIBEN EINER BRENNKRAFTMASCHINE, BRENNKRAFTMASCHINE UND KRAFTFAHRZEUG

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UN MOTEUR À COMBUSTION INTERNE, MOTEUR À COMBUSTION INTERNE ET VÉHICULE AUTOMOBILE

Publication

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Application

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Abstract (en)

[origin: KR20190040454A] The present invention relates to a method for operating an internal combustion engine (10). The internal combustion engine (10) comprises: at least one combustion engine (12) provided with an automatic stop function; a fresh gas line (74); an exhaust gas line (76); and a cooling system. Also, a compressor (98) is integrated in the fresh gas line, and an intercooler (78) is integrated between the compressor (98) and the combustion engine (12). The intercooler is also integrated in a cooling circuit of the cooling system. And/or at least one cooling circuit of the cooling system is provided. The cooling circuit includes a cooling channel (26,28) of the combustion engine (12); and/or a cooler (34) for an exhaust gas turbocharger (20); and/or an EGR cooler (38, 40) integrated in an exhaust gas recirculation line (22, 24). Also, during an activated stop function and when the combustion engine does not operate as a result thereof, a coolant is transported in the cooling circuit or in at least one among cooling circuits if multiple cooling circuits exist.

IPC 8 full level

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