

Title (en)

MULTIFUNCTIONAL MODULE FOR ATTACHING TO AN INTERNAL COMBUSTION ENGINE AND FOR CONDUCTING FLUIDS IN THE FORM OF EXHAUST GAS AND COOLANT, ARRANGEMENT WITH THE MODULE, AND INTERNAL COMBUSTION ENGINE

Title (de)

MULTIFUNKTIONALES MODUL ZUR ANBRINGUNG AN EINER VERBRENNUNGSKRAFTMASCHINE UND ZUR FÜHRUNG VON FLUIDEN IN FORM VON ABGAS UND KÜHLMITTEL, ANORDNUNG MIT DEM MODUL UND VERBRENNUNGSKRAFTMASCHINE

Title (fr)

MODULE MULTIFONCTIONNEL À MONTER SUR UN MOTEUR À COMBUSTION INTERNE POUR ACHEMINER DES FLUIDES SOUS FORME DE GAZ D'ÉCHAPPEMENT ET DE FLUIDES DE REFROIDISSEMENT, AGENCEMENT COMPRENANT CE MODULE ET MOTEUR À COMBUSTION INTERNE

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Application

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Abstract (en)

[origin: WO2009049764A1] The invention proceeds from a multifunctional module (10) for attaching to an internal combustion engine and for conducting fluids in the form of exhaust gas (5) and coolant (16), having the following: a first line section (1A, 1B) which is designed for a part of the exhaust-gas recirculation system, at least with a feed line (1C) to an exhaust-gas cooler; a second line section (2A, 2B) which is designed for a part of a cooling system, at least with a feed line (2C) to a thermostatic element (TE). According to the concept of the invention, the module (10) also has a first chamber (3) for the arrangement of an exhaust-gas regulating device (EGR valve) for regulating an exhaust-gas flow (5) which returns to the engine (M).

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