Title (en)

METHOD FOR PROTECTING AGAINST THE BUILD-UP OF GAS IN A HEAT-TRANSFER FLUID IN A SYSTEM FOR COOLING A HEAT ENGINE

Title (de)

VERFAHREN ZUM SCHUTZ GEGEN DIE ANREICHERUNG VON GAS IN EINEM WÄRMEÜBERTRAGUNGSFLUID IN EINEM SYSTEM ZUR KÜHLUNG EINES WÄRMEMOTORS

Title (fr)

PROCEDE DE PROTECTION CONTRE L'ENGAZAGE D'UN FLUIDE CALOPORTEUR DANS UN SYSTEME DE REFROIDISSEMENT D'UN MOTEUR THERMIQUE

Publication

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Application

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Abstract (en)

[origin: WO2020053492A1] The invention concerns a method for protecting against the build-up of gas in a heat-transfer fluid in a cooling system of an engine comprising a radiator and a control element opening a passage for the fluid to the radiator from a first setpoint temperature (T1) reached by the fluid, the passage carrying out at least partial degassing of the fluid. A count of the open time period (CDO) during which the passage is open and a count of the total gas build-up time period (CDE) during which gas builds up in the fluid are carried out as soon as the heat engine is running, counting continuing as long as a predetermined at least partial degassing considered to be sufficient has not been carried out during one or more runs (R, R+1) of the vehicle. A first open time period (D1) during which the passage is open is predetermined as being sufficient for carrying out the degassing, the counts of open time periods (CDO) and gas build-up time periods (CDO) being reset (Ri) once the first open time period (D1) has elapsed.

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