

Title (en)

METHOD AND DEVICE FOR CONTROLLING THE INTERNAL CYLINDER SURFACE TEMPERATURE OF AN INTERNAL-COMBUSTION ENGINE

Publication

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Application

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Priority

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Abstract (en)

[origin: US4662321A] The present invention provides a method of regulating the temperature of the inside surface of cylinder liners in an internal combustion engine (e.g. a diesel engine) which is cooled by a flow of cooling fluid, the method including the improvement whereby the temperature of the cooling fluid is regulated in such a manner as to maintain the temperature of the inside surface of the cylinder liners at a reference temperature, regardless of the engine load. The invention also provides apparatus for performing the above method. The apparatus includes temperature sensors (6) situated in the thickness of the liner (1) walls between the inside surfaces thereof (1') and the cooling fluid flow ducts (10) passing through the wall.

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