

Title (en)

METHOD FOR CALCULATING A FRESH AIR MASS IN A CYLINDER AND CONTROL SYSTEM

Title (de)

VERFAHREN ZUR BERECHNUNG EINER FRISCHLUFTMASSE IN EINEM ZYLINDER UND STEUERUNG

Title (fr)

PROCÉDÉ DE CALCUL D'UNE MASSE D'AIR FRAIS DANS UN CYLINDRE ET DE COMMANDE

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Application

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Abstract (en)

[origin: WO2019219384A1] The invention relates to a method for calculating a fresh air mass in a cylinder (2) of an internal combustion engine (1), comprising: determining (36) a heating of the fresh air (7) on a wall (2a) of the cylinder (2), the temperature of the wall (2a) of the cylinder changing dynamically; and calculating (41) the fresh air mass of the fresh air (7) in the cylinder (2) on the basis of the determined heating of the fresh air mass.

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