

Title (en)

INTERNAL COMBUSTION ENGINE WITH ADJUSTMENT OF THE INJECTED FUEL AMOUNT, AND METHOD FOR ESTABLISHING AN INJECTED FUEL SET POINT VALUE

Title (de)

VERBRENNUNGSMOTOR MIT EINSTELLUNG DER INJIZIERTEN KRAFTSTOFFMENGE UND VERFAHREN ZUR BESTIMMUNG EINES SOLLWERTES FÜR DIE INJIZIERTE KRAFTSTOFFMENGE

Title (fr)

MOTEUR A COMBUSTION INTERNE AVEC REGULATION DE LA QUANTITE DE CARBURANT INJECTE ET PROCEDE D'ELABORATION D'UNE VALEUR DE CONSIGNE DE CARBURANT INJECTE

Publication

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Application

EP 08788109 A 20080402

Priority

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- FR 0754583 A 20070419

Abstract (en)

[origin: WO2008139091A2] The invention relates to an internal combustion engine of the Diesel type, that comprises at least one cylinder with a combustion chamber and a fuel injector, and is provided with a closed-loop adjustment device of the average indicated torque (CMI) or average indicated pressure (PMI), and capable of establishing a set point value of injected fuel amount. The adjustment device includes a limitation means (21) for comparing the fuel/air ratio in the combustion chamber to a threshold value (25) and for limiting, when said threshold is exceeded, the value of a variable selected from the injected fuel amount set point, the average indicated pressure (PMI) set point and the average indicated torque (CMI) set point.

IPC 8 full level

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Citation (search report)

See references of WO 2008139091A2

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