

Title (en)

METHOD FOR METERING FUELS TO COMBUSTION CHAMBERS OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN ZUR DOSIERUNG VON KRAFTSTOFF IN BRENNRÄUME EINES VERBRENNUNGSMOTORS

Title (fr)

PROCÉDÉ DE DOSAGE DE CARBURANT DANS DES CHAMBRES DE COMBUSTION D'UN MOTEUR À COMBUSTION INTERNE

Publication

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Application

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Abstract (en)

[origin: WO2007071502A1] The invention relates to a method for metering fuels to at least one combustion chamber of an internal combustion engine (10) with at least one pilot injection and a main injection per combustion process. According to said method, combustion features (VM_B) are detected and an effect of an amount of fuel injected before the main injection is determined from the combustion features (VM_B). The method is characterized in that an actual value (VM_VE12_ist) of a cumulative effect is determined for at least two pilot injections per combustion process and the actual value (VM_VE_12 ist) is controlled to a desired value by intervention (d_AD) in at least one of the pilot injections. The invention also relates to a control device (24) which carries out the method.

IPC 8 full level

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