

Title (en)

METHOD FOR HEATING A CATALYST USED IN INTERNAL COMBUSTION ENGINE WITH DIRECT FUEL INJECTION

Title (de)

VERFAHREN ZUR AUFHEIZUNG EINES KATALYSATORS BEI VERBRENNUNGSMOTOREN MIT BENZINDIREKTEINSPRITZUNG

Title (fr)

PROCEDE POUR CHAUFFER UN CATALYSEUR DANS DES MOTEURS A COMBUSTION INTERNE AVEC INJECTION DIRECTE DE L'ESSENCE

Publication

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Application

EP 01969257 A 20010829

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Abstract (en)

[origin: WO0218763A1] The invention relates to a method for heating a catalyst used in internal combustion engines. The inventive method comprises the following steps: producing a measure for the temperature of the catalyst; carrying out, below a predetermined temperature, a first heating step in which the temperature of the exhaust gas is increased; carrying out, above said predetermined temperature, alternatively or additionally to the first heating step a second heating step, in which the catalyst is provided, in addition to the exhaust gas, with a reactive mixture whose reaction in the catalyst releases heat in the catalyst.

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