

Title (en)

METHOD AND DEVICE FOR INTRODUCING A REAGENT INTO AN EXHAUST GAS CHANNEL OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM EINBRINGEN EINES REAGENZMITTELS IN EINEN ABGASKANAL EINER BRENNKRAFTMASCHINE

Title (fr)

PROCEDE ET DISPOSITIF POUR INTRODUIRE UN REACTIF DANS UN CONDUIT D'ECHAPPEMENT D'UN MOTEUR A COMBUSTION INTERNE

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Application

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Abstract (en)

[origin: WO2005099874A1] A method for introducing a reagent into an exhaust gas channel (12) of an internal combustion engine (10) and a device for carrying out the method are proposed. At least one catalytic converter (15) is disposed in an exhaust gas channel (12) of the internal combustion engine (10), a pressurised reagent being sprayed into the exhaust gas prior to the catalytic converter. The set value for the pressure of the reagent (pReaSw) is determined as a function of a performance characteristic (N, mL, Md, mK, vabg, pabg, TabgR, TRea). The procedure as per the invention allows targeted use of the reagent and a high utilisation of the catalytic converter (15).

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