

Title (en)
METHOD AND SYSTEM FOR REGENERATING, PARTICULARLY DESULFATING, A STORAGE-TYPE CATALYTIC CONVERTER DURING THE PURIFICATION OF EXHAUST GASES

Title (de)
VERFAHREN UND ANLAGE ZUR REGENERIERUNG INSBESONDERE DESULFATISIERUNG EINES SPEICHERKATALYSATORS BEI DER ABGASREINIGUNG

Title (fr)
PROCEDE ET SYSTEME POUR REGENERER, NOTAMMENT A DESULFATER UN POT CATALYTIQUE LORS DE LA PURIFICATION DES GAZ D'ECHAPPEMENT

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Abstract (en)
[origin: WO03047732A1] The invention relates to a method and system for regenerating, particularly for desulfating, storage-type catalytic converters (1) during the purification of exhaust gases produced by internal combustion engines (12). To this end, the invention provides that during the regeneration phase, a control device (11) is used to control the combustion firstly inside the engine in order to lower the air ratio lambda in the exhaust gas to a first value lambda 1. Afterwards, a supply device (5, 6) for supplying the reducing agent is subsequently controlled by the control device (11) in order to set the air ratio lambda at a second lower value lambda 2 < 1. The invention ensures that the temperatures occurring on the entry side (3) of the storage-type catalytic converter (1) are sufficient for carrying out an efficient desulfation without damaging the storage-type catalytic converter (1).

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