

Title (en)

DEVICE FOR CLEARING A SUPPLY PIPE OF A REDUCING AGENT THAT HAS PREVIOUSLY GONE FROM A FIRST PHASE TO A SECOND PHASE THEN BACK TO THE FIRST PHASE

Title (de)

VORRICHTUNG ZUM BEFREIEN EINER EIN AUS EINER ERSTEN PHASE IN EINE ZWEITE PHASE GEBRACHTEN REDUKTIONSMITTELS UND DANN ZURÜCK ZUR ERSTEN PHASE

Title (fr)

DISPOSITIF POUR ELIMINER DANS UNE CONDUITE D'AMENEE UN AGENT DE REDUCTION PASSE PREALABLEMENT D'UNE PREMIERE PHASE A UNE DEUXIEME PHASE ET REPASSE A SA PREMIERE PHASE

Publication

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Application

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Abstract (en)

[origin: WO2004103529A1] The invention relates to a device for clearing a supply pipe (10) of a reducing agent that has previously gone from a first phase to a second phase then back to the first phase, wherein the pipe is used to supply the reducing agent in the second phase to an SCR catalytic converter inserted into the exhaust line of a diesel engine. The device is a valve (12) for metering the reducing agent in the second phase. The fixed valve seat or the movable valve surface (16) engaging same and bearing thereagainst when the valve (12) is in the closed position is in the form of a condenser element controlled by a controller and intended to act as a cryogenic well inserted into the supply pipe (10) when controlled accordingly. The condenser element or the valve element matching same is heatable under the control of a controller.

IPC 1-7

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IPC 8 full level

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