

Title (en)

METHOD FOR REGENERATING AN EXHAUST GAS FILTERING DEVICE FOR DIESEL ENGINE AND DEVICE THEREFOR

Title (de)

VERFAHREN ZUR REGENERIERUNG EINER ABGASFILTRIERVORRICHTUNG FÜR DIESELMOTOREN UND VORRICHTUNG DAFÜR

Title (fr)

PROCEDE DE REGENERATION D'UN DISPOSITIF DE FILTRATION DES GAZ D'ECHAPPEMENT POUR MOTEUR DIESEL ET DISPOSITIF DE MISE EN OEUVRE

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Application

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Abstract (en)

[origin: WO03018971A1] The invention concerns a method for regenerating a device filtering exhaust gases produced by a diesel engine, said method being of the type wherein particles, retained on a filtering means (22) of the filtering device, are burnt by the action of a combustion catalyst system. Said method consists essentially in retaining the hot exhaust gases around the filtering means (22) so as to feed to the particles, at least part of the heat energy required for their combustion and in burning said particles to regenerate the filtering device. The invention also concerns a device for implementing the method, comprising a means for producing a combustion catalyst (20), a filtering means (22) of exhaust gases and a diesel oil injecting means, the means for producing a combustion catalyst and filtering means being contained in a reaction chamber (18).

IPC 8 full level

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