

Title (en)
DEVICE FOR EXHAUST GAS POST-TREATMENT

Title (de)
VORRICHTUNG ZUR ABGASNACHBEHANDLUNG

Title (fr)
DISPOSITIF DE POST-TRAITEMENT DES GAZ D'ÉCHAPPEMENT

Publication
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Application
EP 08717536 A 20080307

Priority
• EP 2008052789 W 20080307
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Abstract (en)
[origin: WO2008107486A1] The invention relates to a device for post-treatment of a hot exhaust gas flow (2) in particular from a diesel engine, comprising a ceramic filter body (1) made from a ceramic material (6) with gas channels (18, 18'). The filter body (1) is formed in one piece from at least one fibre web (4, 4'), in particular paper, impregnated with the ceramic material (6) with formation of the gas channels (18, 18') and sintered at a temperature such that fibres of the fibre web (4, 4') are burned away and the ceramic material (6) is monolithically sinter-bonded in one piece to form the filter body (1). At least two ceramic filter bodies (1) are provided which are independent in design and arranged to flow parallel to each other. Each filter body (1) is limited in size such as to be able to resist the thermal loading of the hot exhaust gas flow (2).

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