

Title (en)

Method and Device for Cleaning a Particulate Filter

Title (de)

Verfahren und Vorrichtung zum Reinigen eines Partikelfilters

Title (fr)

Procédé et dispositif de nettoyage d'un filtre à particules

Publication

EP 1455059 A1 20040908 (DE)

Application

EP 03028366 A 20031210

Priority

- DE 10309379 A 20030303
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Abstract (en)

A particle filter's (PF) (3) lead-in side (4), at which unfiltered exhaust gases enter the PF during PF operation, links to a pressurized sink (9) abruptly, while the PF's outlet side (5), at which filtered exhaust gases leave the PF during its operation, links to a surrounding atmosphere (20). A gas-flow generation device (2) produces a shock-like gas flow to clean the PF with a reverse flow. An independent claim is also included for a device for cleaning a particle filter for filtering exhaust gases in an internal combustion engine.

Abstract (de)

Die Erfindung betrifft ein Verfahren zum Reinigen eines Partikelfilters (3), das zum Filtern von Abgasen einer Brennkraftmaschine dient. Damit das Reinigungsverfahren relativ preiswert realisierbar ist und dennoch eine effektive Wirkungsweise besitzt, wird das Partikelfilter (3) mit wenigstens einer stoßartigen Gasströmung rückgespült. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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