

Title (en)
FILTERING ARRANGEMENT FOR REMOVING SOOT PARTICLES FROM THE EXHAUST GASES OF AN INTERNAL-COMBUSTION ENGINE

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Application
EP 89115990 A 19890830

Priority
DE 3830977 A 19880912

Abstract (en)
[origin: US4948403A] A filter system for removing particulates from exhaust gases of an internal combustion engine, in particular a diesel engine, having at least one filter member formed by filter channels in the configuration of a honeycomb, and made of porous filter material, in which the region of the inlet openings of the filter channels open on the gas intake side, electrical resistance looped heating elements being arranged that are connected via a lead-in and a lead-out to a power supply. A positive positioning of the heating elements and their connections is assured and false contacts, such as short-circuits, are avoided. The resistance heating elements are connected to a support element connected to the power supply, and the position of the support element can be adjusted three-dimensionally while maintaining a maximum distance of about 30 mm. from the surface of the filter member at its gas intake side.

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