

Title (en)

Particle filter regenerable by combusting for exhaust gases of internal combustion engines.

Title (de)

Durch Abbrennen regenerierbarer Partikelfilter für die Abgase von Brennkraftmaschinen.

Title (fr)

Filtre à particules régénérable par combustion pour les gaz d'échappement de moteurs à combustion interne.

Publication

EP 0442318 B1 19931201 (DE)

Application

EP 91101119 A 19910129

Priority

DE 4004861 A 19900216

Abstract (en)

[origin: EP0442318A2] A particle filter is demonstrated which has a filter chamber 4 charged with filter cartridges 14, and connections 6, 7 for the exhaust gas, which is to be purified by removal of soot particles, and a connection 8 for supplying external heat or an engine-independent burner, wherein overflow pipes 18, 19 or inflow pipes 26, 27 having exhaust gas passage orifices 20, 21 or 17 or 28 are arranged next to the filter cartridges 14, so that uniform loading of the filter cartridges 14 in the sooting phase and burning-free phase is achieved, so that a sooting time of always constant length is obtained by means of complete burning-free. <IMAGE>

IPC 1-7

F01N 3/02

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0623738A1; EP0549851A1; US5279630A; EP2146062A1; EP0668437A1; EP0616833A1; CN110792496A

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EP 0442318 A2 19910821; **EP 0442318 A3 19920102**; **EP 0442318 B1 19931201**; AT E97994 T1 19931215; DE 4004861 A1 19910822; DE 4004861 C2 19920116; DE 59100641 D1 19940113; ES 2047958 T3 19940301

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