

Title (en)

Filter for eliminating soot particles, especially from a diesel engine exhaust.

Title (de)

Filter zum Entfernen von Russpartikeln, insbesondere aus dem Abgasstrom eines Dieselmotors.

Title (fr)

Filtre d'élimination des particules de suie, en particulier dans le courant des gas d'échappement d'un moteur diesel.

Publication

**EP 0256325 A2 19880224 (DE)**

Application

**EP 87110439 A 19870718**

Priority

DE 3626020 A 19860801

Abstract (en)

In a filter (1, 101) for removing soot particles, especially from diesel engine exhaust, high efficiency can be achieved by a tube (5, 105) which is surrounded by filter material (7, 107) and through which the exhaust flows and which has a perforated sleeve surface in a housing (4, 9). <IMAGE>

Abstract (de)

Bei einem Filter (1, 101) zum Entfernen von Rußpartikeln, insbesondere aus dem Abgasstrom eines Dieselmotors, läßt sich ein hoher Wirkungsgrad durch ein vom Abgas durchströmtes von Filtermaterial (7, 107) umhülltes Rohr (5, 105) mit durchlöcherter Mantelfläche in einem Gehäuse (4, 9) erreichen.

IPC 1-7

**F01N 3/02**; **F01N 3/28**

IPC 8 full level

**F01N 3/01** (2006.01); **F01N 3/02** (2006.01); **F01N 3/035** (2006.01); **F01N 3/28** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP)

**B03C 3/155** (2013.01); **B03C 3/41** (2013.01); **B03C 3/49** (2013.01); **F01N 3/01** (2013.01); **F01N 3/035** (2013.01); **B03C 2201/04** (2013.01); **B03C 2201/30** (2013.01); **F01N 2250/02** (2013.01); **F01N 2330/10** (2013.01); **F02B 3/06** (2013.01)

Cited by

US4956152A; DE3923640A1; US5419126A; FR2822893A1; EP0329818A3; US5758495A; DE3844141C1; EP0376915A3; EP0299197A3; US4871515A; FR2798303A1; KR100760242B1; AT397928B; EP0616835A1; WO0119525A1; WO9614498A1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

**EP 0256325 A2 19880224**; **EP 0256325 A3 19880525**; **EP 0256325 B1 19911030**; AT E69087 T1 19911115; DE 3774205 D1 19911205; NL 8800208 A 19890816

DOCDB simple family (application)

**EP 87110439 A 19870718**; AT 87110439 T 19870718; DE 3774205 T 19870718; NL 8800208 A 19880128