

Title (en)  
Soot filter for diesel vehicles

Title (de)  
Russfilter für Dieselfahrzeuge

Title (fr)  
Filtre à suie pour véhicules diesel

Publication  
**EP 1113154 A3 20031203 (DE)**

Application  
**EP 00128343 A 20001222**

Priority  
DE 19963784 A 19991230

Abstract (en)  
[origin: EP1113154A2] The particle filter for a diesel engine has a housing containing a ceramic filter (1). A heater (9) is mounted on the housing and extends into a recess (12) in the front edge (7) of the filter which is first contacted by the gas stream, but is not in contact with it. An Independent claim is included for a similar filter in which the heater is contained in a collector for particles which is in contact with the filter.

IPC 1-7  
**F01N 3/021**; **F01N 3/027**; **F01N 3/022**

IPC 8 full level  
**F01N 3/021** (2006.01); **F01N 3/022** (2006.01); **F01N 3/027** (2006.01)

CPC (source: EP)  
**F01N 3/021** (2013.01); **F01N 3/0222** (2013.01); **F01N 3/027** (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 012, no. 190 (M - 704) 3 June 1988 (1988-06-03)
- [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 347 (M - 641) 13 November 1987 (1987-11-13)
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 249 (M - 1604) 12 May 1994 (1994-05-12)

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