

Title (en)  
Edge filter

Title (de)  
Stabfilter

Title (fr)  
Filtre-tige

Publication  
**EP 1795743 A1 20070613 (DE)**

Application  
**EP 06122398 A 20061017**

Priority  
DE 102005059164 A 20051212

Abstract (en)  
The filter has a base body (4) which is formed in ellipsoid shape and includes a fragmentation area (13) on a surface (12). The area fragments the particles that flow through it, and includes a pyramid structure with a set of pyramid shaped elevations. Two fixing units (5, 6) are connected with the base body and include fixing bars (7, 8) and rods (9, 10) which are arranged at 120 degrees to one another in an offset manner, respectively.

IPC 8 full level  
**F02M 61/16** (2006.01); **B01D 29/44** (2006.01); **B01D 43/00** (2006.01)

CPC (source: EP)  
**F02M 61/165** (2013.01)

Citation (search report)

- [E] EP 1729006 A1 20061206 - BOSCH GMBH ROBERT [DE]
- [PX] WO 2006049598 A1 20060511 - BOSCH GMBH ROBERT [DE], et al
- [DX] DE 10307529 A1 20040902 - BOSCH GMBH ROBERT [DE]
- [X] DE 4437927 A1 19960425 - BOSCH GMBH ROBERT [DE], et al
- [X] EP 1055815 A2 20001129 - DELPHI TECH INC [US]
- [A] US 2002073967 A1 20020620 - PEARLMAN SAMUEL [US], et al

Cited by  
US10245543B2; US11931681B2; US9630134B2; US10350531B2; US10967322B2; US11701609B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1795743 A1 20070613; EP 1795743 B1 20091223**; AT E453047 T1 20100115; DE 102005059164 A1 20070621;  
DE 502006005722 D1 20100204

DOCDB simple family (application)  
**EP 06122398 A 20061017**; AT 06122398 T 20061017; DE 102005059164 A 20051212; DE 502006005722 T 20061017