

Title (en)

FILTER FOR FLUIDS

Title (de)

FLÜSSIGKEITSFILTER

Title (fr)

FILTRE A LIQUIDE

Publication

EP 1067999 A1 20010117 (DE)

Application

EP 99911588 A 19990201

Priority

- DE 9900332 W 19990201
- DE 19804329 A 19980204

Abstract (en)

[origin: DE19804329A1] The invention relates to a filter for fluids, especially for oil or fuel, which is mounted in an internal combustion motor. The inventive filter has a filter body housed in a plastic filter housing (2), a feeding channel (4) for conveying a non filtered fluid and a return channel for evacuating filtered fluid. The invention aims to provide a plastic filter for fluids, which is reliable and requires low maintenance. For this purpose, the feeding channel (4) and the return channel are placed in a receiving compartment (6) of the filter housing (2), and said receiving compartment (6) is defined by a safety wall (7) which radially surrounds the feeding channel (4) and the return channel, and is integrated into the filter housing (2).

IPC 1-7

B01D 27/08; B01D 27/10; B01D 29/88; B01D 29/90; B01D 29/92; B01D 35/31

IPC 8 full level

B01D 27/08 (2006.01); **B01D 27/10** (2006.01); **B01D 29/88** (2006.01); **B01D 29/90** (2006.01); **B01D 29/92** (2006.01); **B01D 35/31** (2006.01);
F01M 11/03 (2006.01)

CPC (source: EP US)

F01M 11/03 (2013.01 - EP US)

Citation (search report)

See references of WO 9939802A1

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

DE 19804329 A1 19990805; DE 59900637 D1 20020221; EP 1067999 A1 20010117; EP 1067999 B1 20020116; EP 1067999 B2 20040728;
EP 1067999 B9 20050105; ES 2172312 T3 20020916; US 6379537 B1 20020430; WO 9939802 A1 19990812

DOCDB simple family (application)

DE 19804329 A 19980204; DE 59900637 T 19990201; DE 9900332 W 19990201; EP 99911588 A 19990201; ES 99911588 T 19990201;
US 60106600 A 20000727