

Title (en)

FILTER HAVING MAGNETIC COMPONENTS AND METHOD OF MANUFACTURING SAME

Title (de)

FILTER MIT MAGNETISCHEN KOMPONENTEN UND METHODE ZU SEINER HERSTELLUNG

Title (fr)

FILTRE POSSEDANT DES ELEMENTS MAGNETIQUES ET SON PROCEDE DE FABRICATION

Publication

EP 0956135 A4 20000315 (EN)

Application

EP 96945066 A 19961219

Priority

- US 9620691 W 19961219
- US 885195 P 19951219

Abstract (en)

[origin: WO9722395A1] A filter (10) comprised of a housing (12) having an inlet (14) and an outlet (16), the inlet (14) and outlet (16) defining a fluid path through the filter (10) and a filter medium (18) located in the fluid flow path. Fluid flowing in through the inlet (14) is directed through the filter medium (18). Molded directly to the surface of the filter medium is a polymer bonded magnetic material (20) positioned such that fluid flowing through the filter (10) is directed over the polymer-bonded magnetic material (20).

IPC 1-7

B01D 35/06; **B01D 35/153**; **B01D 39/16**; **B01D 39/18**

IPC 8 full level

B01D 35/06 (2006.01); **B01D 39/14** (2006.01); **B03C 1/00** (2006.01)

CPC (source: EP)

B01D 35/06 (2013.01)

Citation (search report)

- [Y] US 5468529 A 19951121 - KWON OH K [KR], et al
- [Y] US 2893561 A 19590707 - DUZICH JOHN J
- [Y] PATENT ABSTRACTS OF JAPAN vol. 005, no. 180 (C - 079) 19 November 1981 (1981-11-19)
- See references of WO 9722395A1

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

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DOCDB simple family (application)

US 9620691 W 19961219; AU 1352297 A 19961219; BR 9612087 A 19961219; CA 2241029 A 19961219; EP 96945066 A 19961219; JP 52307597 A 19961219