

Title (en)

FILTER ELEMENT AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

FILTERELEMENT UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

ELEMENT FILTRANT ET PROCEDE DE REALISATION

Publication

EP 1590066 A2 20051102 (DE)

Application

EP 04707482 A 20040203

Priority

- DE 2004000163 W 20040203
- DE 10305284 A 20030205
- DE 10310435 A 20030311

Abstract (en)

[origin: WO2004069378A2] The invention relates to a highly efficient filter element with an improved separation capacity for relatively low air resistance and a method for the production of said type of filter element comprising at least two layers which are made of a porous carrier material and which are coated on two opposite sides with a fibre layer made of nanofibres and/or microfibres having a defined electric polarity.

IPC 1-7

B01D 39/16; D01D 5/00

IPC 8 full level

B01D 46/00 (2006.01)

CPC (source: EP)

B01D 46/0001 (2013.01); **B01D 46/0028** (2013.01); **B01D 46/0032** (2013.01); **B01D 2275/10** (2013.01)

Citation (search report)

See references of WO 2004069378A2

Cited by

US9718012B2; US10272374B2; US10967315B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004069378 A2 20040819; WO 2004069378 A3 20041104; EP 1590066 A2 20051102

DOCDB simple family (application)

DE 2004000163 W 20040203; EP 04707482 A 20040203