

Title (en)

ADVANCED FILTRATION DEVICES AND METHODS

Title (de)

FORTSCHRITTLICHE FILTERVORRICHTUNGEN UND -VERFAHREN

Title (fr)

DISPOSITIFS ET METHODES DE FILTRATION PEFECTIONNES

Publication

EP 1628726 A2 20060301 (EN)

Application

EP 04809346 A 20040428

Priority

- US 2004013070 W 20040428
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- US 54240904 P 20040205

Abstract (en)

[origin: WO2005023390A2] A filter media comprises a medium for capturing and neutralizing harmful substances. Methods for fabricating a low-pressure, high efficiency filter media for capturing harmful substances produce filter media having engineered pores that have an engineered pour size dispersion, which may be monodispersed and uniformly arranged. Neutralizing components may be coated on filter media, providing both increased capture efficiency and neutralization of at least one harmful substance, such as harmful pathogens, aerosols, particulates, VOCs, gases and vapors.

IPC 1-7

B01D 1/00

IPC 8 full level

A61L 9/16 (2006.01)

IPC 8 main group level

B01D (2006.01)

CPC (source: EP KR)

A61L 9/16 (2013.01 - EP); **B01D 39/08** (2013.01 - KR); **B01D 39/1676** (2013.01 - EP); **B01D 46/00** (2013.01 - KR); **B01D 2239/10** (2013.01 - EP)

Citation (search report)

See references of WO 2005023390A2

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DOCDB simple family (publication)

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