

Title (en)

FILTER INCLUDING RANDOMLY-ORIENTED FIBERS FOR REDUCTION OF PARTICLE BREAKTHROUGH

Title (de)

FILTER MIT REGELLOS ANGEORDNETEN FASERN ZUR VERMINDERUNG VON TEILCHENDURCHBRUCH

Title (fr)

FILTRE COMPORTANT DES FIBRES ORIENTÉES DE FAÇON ALÉATOIRE POUR DIMINUER LE PASSAGE DES PARTICULES

Publication

EP 2234509 A1 20101006 (EN)

Application

EP 08864391 A 20081222

Priority

- EP 2008011108 W 20081222
- US 830507 P 20071220

Abstract (en)

[origin: WO2009080368A1] Provided is a cigarette filter (10) and method of making the filter. The filter (10) includes an adsorbent (12) dispersed within the filter (10) and a downstream plug (16) of randomly-oriented fibers (14). The randomly-oriented fibers (14) mechanically capture adsorbent particles entrained in tobacco smoke. One or more plugs (25) of axially-oriented fibers (30) may also be located upstream or downstream or both of the adsorbent (12), and are included in an amount sufficient to adjust the length of the filter (10).

IPC 8 full level

A24D 3/02 (2006.01); **A24D 3/04** (2006.01)

CPC (source: EP KR US)

A24D 3/0225 (2013.01 - KR); **A24D 3/0287** (2013.01 - EP KR US); **A24D 3/04** (2013.01 - EP US); **A24D 3/048** (2013.01 - EP US); **A24D 3/063** (2013.01 - KR); **A24D 3/10** (2013.01 - KR); **A24D 3/163** (2013.01 - KR)

Citation (search report)

See references of WO 2009080368A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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