

Title (en)

Cigarette filter having composite fiber structures

Title (de)

Zigarettenfilter mit zusammengesetzten Faserstrukturen

Title (fr)

Filtre pour cigarette ayant des structures de fibres composées

Publication

**EP 2537427 B1 20160817 (EN)**

Application

**EP 12181299 A 20090521**

Priority

- EP 09751566 A 20090521
- US 12489108 A 20080521
- US 12487408 A 20080521
- US 39272509 A 20090225

Abstract (en)

[origin: WO2009143338A2] An apparatus and associated method for forming a filter rod member of a smoking article, such as a cigarette, is provided. The apparatus comprises a rod-forming unit configured to form a continuous supply of a filter material into a continuous cylindrical rod member. An insertion unit is configured to insert an adsorbent material carried by a carrier material into the rod member. The method comprises forming a continuous supply of a filter material into a continuous cylindrical rod member, and inserting an adsorbent material carried by a carrier material into the rod member such that the adsorbent material is disposed within the rod member. Also provided are cigarette filters including at least one filter segment having one or more composite fiber structures or degradable fibers imbedded therein, the composite fiber structure including a carrier fiber and an adsorbent fiber, the adsorbent fiber including an adsorbent material.

IPC 8 full level

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CPC (source: EP)

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**WO 2009143338 A2 20091126**; **WO 2009143338 A3 20100121**; CN 102046033 A 20110504; CN 102046033 B 20131204; CN 103222684 A 20130731; CN 103222684 B 20151118; EP 2323506 A2 20110525; EP 2323506 B1 20130410; EP 2323506 B2 20160727; EP 2537427 A1 20121226; EP 2537427 B1 20160817; ES 2420685 T3 20130826; ES 2420685 T5 20170210; ES 2603646 T3 20170228; JP 2011520469 A 20110721; JP 2014036659 A 20140227; JP 5438760 B2 20140312; JP 5905432 B2 20160420

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