

Title (en)
Filter for a smoke-free cigarette

Title (de)
Filter für eine rauchfreie Zigarette

Title (fr)
Filtre pour une cigarette sans fumée

Publication
EP 2269475 A1 20110105 (DE)

Application
EP 09008579 A 20090630

Priority
EP 09008579 A 20090630

Abstract (en)
The filter has open-porous polymer structures and/or open-porous synthetic structures such as foam, and/or microfiber synthetic structures and/or perlon textile structures completely inert and non-adsorptive with respect to nicotine and/or nicotine-containing compounds and/or aroma substances. The open-porous synthetic structures, spunbonded fabric, felt and/or cloth made of textile, plastic, ceramic and/or glass microfibers. The filter exhibits retention and/or nicotine and/or nicotine-containing compounds and/or aroma substances of a cigarette in preset percentage. An independent claim is also included for a smoke-free cigarette comprising a mouthpiece.

Abstract (de)
Die vorliegende Erfindung betrifft Filter für eine rauchfreie Zigarette, wobei der Filter eine Nikotinretention von weniger als 20% w/w zeigt. Des Weiteren betrifft die Erfindung einen Filter für eine rauchfreie Zigarette, wobei der Filter im wesentlichen aus offenporigen Polymerschäumen und/oder offenporigen Synthetikstrukturen und/oder Perlon-Textilstrukturen besteht. Die Erfindung umfaßt auch eine rauchfreie Zigarette, enthaltend mindestens einen erfindungsgemäßen Filter.

IPC 8 full level
A24B 15/16 (2006.01); **A24D 3/04** (2006.01); **A24D 3/08** (2006.01)

CPC (source: EP)
A24D 3/066 (2013.01); **A24D 3/08** (2013.01)

Citation (applicant)
• DE 102005034169 A1 20070201 - NJOYNIC LTD [GB]
• WO 2007090594 A1 20070816 - BEL AIR INTERNAT CORP [US], et al
• WO 2007054167 A1 20070518 - HAUNI MASCHINENBAU AG [DE], et al
• EP 0859558 B1 20001011 - RHODIA ACETOW GMBH [DE]

Citation (search report)
• [XY] EP 1029462 A1 20000823 - HSU JONG PYNG [US]
• [XY] WO 2008113335 A2 20080925 - HOFFMANN HANS-JUERGEN [DE], et al

Cited by
US2014352708A1; CN106686991A; US10485261B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

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AL BA RS

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