

Title (en)
FILTER CIGARETTE

Title (de)
FILTERCIGARETTE

Title (fr)
CIGARETTE FILTRE

Publication
EP 1843670 B1 20120822 (DE)

Application
EP 06700443 A 20060116

Priority
• EP 2006000326 W 20060116
• DE 102005005175 A 20050201

Abstract (en)
[origin: WO2006081931A1] The invention relates to a filter cigarette comprising a length of tobacco, an enveloping and a filter. Said filter comprises at least one gas-phase active filter part, which contains the at least one gas-phase reducing substance. Said gas-phase reducing substances are embedded in a filter material matrix. Said substances are introduced in an amount of at least 75 mg per filter and at least 5 mg/mm of the length of the gas phase active filter part. Said filter cigarette comprises a filter ventilation of a maximum of 30 % (or from 30 % - 70%). The NFDPM-value lies in the region between 4 and 10 mg/cigarette (or in the region of 2 - 4 mg/cigarette), which is measured according to the ISO-smoking conditions. The gas phase quotient Q_l , which is defined as $(?g \text{ benzol per cigarette}) / (mg \text{ CO per cigarette})$, which is measured according to ISO-smoking conditions, is below 1,5, preferably below 1.

IPC 8 full level
A24D 3/16 (2006.01)

CPC (source: EP KR US)
A24D 3/02 (2013.01 - KR); **A24D 3/16** (2013.01 - EP KR US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102005005175 A1 20060810; AU 2006209977 A1 20060810; AU 2006209977 B2 20110407; BR PI0606759 A2 20090714; CA 2596475 A1 20060810; CA 2596475 C 20130305; CN 101150964 A 20080326; CN 101150964 B 20110608; DK 1843670 T3 20121210; EP 1843670 A1 20071017; EP 1843670 B1 20120822; ES 2391831 T3 20121130; HK 1107746 A1 20080418; JP 2008528011 A 20080731; JP 5161585 B2 20130313; KR 101319697 B1 20131017; KR 20070096027 A 20071001; MX 2007009298 A 20080111; NZ 556708 A 20100226; PL 1843670 T3 20130131; PT 1843670 E 20121127; RU 2007132877 A 20090310; RU 2378959 C2 20100120; SI 1843670 T1 20121231; TW 200638886 A 20061116; TW I336247 B 20110121; UA 88351 C2 20091012; US 2009020132 A1 20090122; US 8439046 B2 20130514; WO 2006081931 A1 20060810

DOCDB simple family (application)
DE 102005005175 A 20050201; AU 2006209977 A 20060116; BR PI0606759 A 20060116; CA 2596475 A 20060116; CN 200680009901 A 20060116; DK 06700443 T 20060116; EP 06700443 A 20060116; EP 2006000326 W 20060116; ES 06700443 T 20060116; HK 07113493 A 20071211; JP 2007552549 A 20060116; KR 20077018700 A 20060116; MX 2007009298 A 20060116; NZ 55670806 A 20060116; PL 06700443 T 20060116; PT 06700443 T 20060116; RU 2007132877 A 20060116; SI 200631466 T 20060116; TW 95103444 A 20060127; UA A200709749 A 20060116; US 81528406 A 20060116