

Title (en)
SMOKING FILTER AND SMOKING ARTICLE

Title (de)
RAUCHFILTER UND RAUCHARTIKEL

Title (fr)
FILTRE ANTI-FUMEE ET ARTICLE A FUMER

Publication
EP 1470761 B1 20151230 (EN)

Application
EP 03701015 A 20030107

Priority
• JP 0300036 W 20030107
• JP 2002001509 A 20020108

Abstract (en)
[origin: EP1470761A1] Smoking filter contains hydrotalcite compound added into lamellar structure of octahedral layer of metal hydroxide. An independent claim is also included for the smoking product using the filter.

IPC 8 full level
A24D 3/12 (2006.01); **A24D 3/04** (2006.01); **A24D 3/10** (2006.01); **A24D 3/16** (2006.01)

CPC (source: EP KR US)
A24D 3/063 (2013.01 - KR); **A24D 3/10** (2013.01 - EP KR US); **A24D 3/12** (2013.01 - EP KR US); **A24D 3/16** (2013.01 - EP KR US)

Cited by
CN102551206A; CN110639283A; EP2789249A4; EP3915407A4; EP3400814A4; US11576428B2; EP2540174B1

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

DOCDB simple family (publication)
EP 1470761 A1 20041027; EP 1470761 A4 20090527; EP 1470761 B1 20151230; AU 2003202479 A1 20030724; CA 2472385 A1 20030717; CA 2472385 C 20110802; CN 102028307 A 20110427; CN 1612701 A 20050504; DK 1470761 T3 20160215; ES 2563032 T3 20160310; JP 3895327 B2 20070322; JP WO2003056947 A1 20050512; KR 100912311 B1 20090814; KR 20040073534 A 20040819; MY 146655 A 20120914; PT 1470761 E 20160318; RU 2004124060 A 20060127; RU 2291657 C2 20070120; TW 200301681 A 20030716; TW I324049 B 20100501; UA 77052 C2 20061016; US 2004237983 A1 20041202; WO 03056947 A1 20030717

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EP 03701015 A 20030107; AU 2003202479 A 20030107; CA 2472385 A 20030107; CN 03801974 A 20030107; CN 201010525614 A 20030107; DK 03701015 T 20030107; ES 03701015 T 20030107; JP 0300036 W 20030107; JP 2003557319 A 20030107; KR 20047010408 A 20030107; MY PI20030015 A 20030103; PT 03701015 T 20030107; RU 2004124060 A 20030107; TW 91137960 A 20021231; UA 20040806603 A 20030107; US 88508804 A 20040707