

Title (en)
Smoking article with improved flow restriction element

Title (de)
Rauchware mit verbessertem Flussbegrenzungselement

Title (fr)
Article à fumer avec élément de restriction de flux amélioré

Publication
EP 2253231 A1 20101124 (EN)

Application
EP 09251336 A 20090518

Priority
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Abstract (en)
A smoking article (10) comprises: a rod of smokable material (12); and a filter (14) comprising a flow restriction element (26, 26') attached to the rod of smokable material (12). The flow restriction element (26, 26') comprises: a first upstream integral tubular portion (30, 30'); a second downstream integral tubular portion (32, 32') of substantially the same external diameter as the first tubular portion (30, 30'); and a third central integral tubular portion (34, 34') located between the first and second tubular portions (32, 32', 34, 34'), the third tubular portion (34, 34') being of reduced external diameter compared to the first and second tubular portions (30, 30', 32, 32'). A transverse barrier (36, 36') having at least one orifice (38, 38') provided therein is disposed between a first upstream cavity (40, 40') at least partially defined by an inner periphery of the first tubular portion (30, 30') and a second downstream cavity (42, 42') at least partially defined by an inner periphery of the second tubular portion (32, 32'). A ventilation zone in communication with the second cavity (42, 42') is provided at a location along the filter (14).

IPC 8 full level
A24D 3/04 (2006.01)

CPC (source: EP KR US)
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Citation (applicant)
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WO2013034512A1; WO2017055500A1

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BR PI1013065 A2 20160405; BR PI1013065 B1 20231114; CN 102427742 A 20120425; CN 102427742 B 20141231; CO 6390089 A2 20120229;
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PL 2432338 T3 20141231; PT 2432338 E 20141003; RS 53576 B1 20150227; RU 2011151720 A 20130627; RU 2524898 C2 20140810;
SG 175910 A1 20111229; SI 2432338 T1 20140930; TW 201103449 A 20110201; TW I513414 B 20151221; UA 103925 C2 20131210;
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CN 201080021713 A 20100517; CO 11163916 A 20111129; DK 10725969 T 20100517; EP 10725969 A 20100517; EP 2010003016 W 20100517;
ES 10725969 T 20100517; HK 12105855 A 20120615; JP 2012511187 A 20100517; KR 20117030253 A 20100517; MX 2011012454 A 20100517;
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