

Title (en)  
FILTER ELEMENT FOR A SMOKING ARTICLE

Title (de)  
FILTERELEMENT FÜR EINEN RAUCHARTIKEL

Title (fr)  
ÉLÉMENT DE FILTRE POUR ARTICLE À FUMER

Publication  
**EP 3500116 A1 20190626 (EN)**

Application  
**EP 17784309 A 20171019**

Priority  
• EP 16195275 A 20161024  
• EP 2017076694 W 20171019

Abstract (en)  
[origin: WO2018077717A1] The present invention provides a filter element (1) for a smoking article (10), the filter element (1) being generally elongate and having one end (2) for connection to a rod element (11) of smokeable material and an opposite end (3) for insertion into a mouth of a user. The filter element (1) includes: one or more filter segments (4, 5, 6) provided on or arranged along a longitudinal axis (X) of the filter element, at least one of said filter segments (4, 5, 6) comprising a filter material; a wrapper (8) which surrounds and wraps the said one or more filter segments (4, 5, 6); and a liquid-filled breakable capsule (7) arranged within one of the said one or more filter segments (4, 5, 6), the capsule (7) having a rupture point (P) at which the capsule (7) is designed to break or rupture upon application of external force (F) to release liquid (L) contained therein. The capsule (7) is arranged in said one filter segment (5) with the rupture point (P) located at a first distance (D1) along the longitudinal axis (X) from said one end (2) of the filter element. The wrapper (8) includes a plurality of holes or perforations (9) at a second distance (D2) from said one end (2) of the filter element along the longitudinal axis (X), the second distance (D2) being less than the first distance (D1).

IPC 8 full level  
**A24D 3/04** (2006.01); **A24D 3/06** (2006.01)

CPC (source: EP KR US)  
**A24D 1/027** (2013.01 - EP US); **A24D 3/0216** (2013.01 - KR); **A24D 3/027** (2013.01 - KR); **A24D 3/043** (2013.01 - EP US);  
**A24D 3/048** (2013.01 - EP US); **A24D 3/061** (2013.01 - EP KR US)

Citation (search report)  
See references of WO 2018077717A1

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2018077717 A1 20180503**; CA 3037842 A1 20180503; CN 109843092 A 20190604; EA 201990760 A1 20190830; EP 3500116 A1 20190626;  
JP 2019536477 A 20191219; KR 20190069556 A 20190619; US 2019230979 A1 20190801

DOCDB simple family (application)  
**EP 2017076694 W 20171019**; CA 3037842 A 20171019; CN 201780065664 A 20171019; EA 201990760 A 20171019; EP 17784309 A 20171019;  
JP 2019542789 A 20171019; KR 20197015011 A 20171019; US 201716332224 A 20171019