

Title (en)  
SMOKING ARTICLE WITH IMPROVED MEANS FOR DELIVERING FLAVORANTS

Publication  
**EP 0342538 A3 19901205 (EN)**

Application  
**EP 89108560 A 19890512**

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Abstract (en)  
[origin: EP0342538A2] The present invention generally relates to a smoking article having a fuel element, a physically separate aerosol generating means, a mouthend piece, and improved means for delivering one or more flavorants to the user which comprises a carbon filled sheet material located in a non-burning portion of the smoking article which carries or otherwise contains one or more flavorants. More specifically, the present invention is directed to a carbon filled sheet of tobacco employed as at least as a portion of the mouthend piece of such articles to carry flavorants, particularly highly volatile flavorants like menthol.

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**A24B 15/165** (2013.01 - EP US); **A24B 15/24** (2013.01 - EP); **A24D 1/22** (2020.01 - EP US)

Citation (search report)  
• [Y] EP 0254848 A2 19880203 - REYNOLDS TOBACCO CO R [US]  
• [YD] US 3236244 A 19660222 - IRBY JR RICHARD M, et al  
• [A] GB 759341 A 19561017 - JAN IVO MAREK, et al  
• [A] FR 2163008 A5 19730720 - OLIN CORP

Cited by  
EP0568107A3; US5183062A; US5732718A; CN104379003A; US5348027A; CN114144079A; US5571604A; US5672306A; US5131416A; US5178167A; CN105831793A; US5105836A; CN107080292A; EP3146854A4; EP3466281A1; US11582998B2; US11571017B2; US11272731B2; US11039642B2; US8903228B2; US10010110B2; US5203355A; EA009116B1; CN103561593A; EP3033950A1; US5413122A; US5247947A; US5148821A; US5159944A; US5261425A; US5074321A; CN109219359A; WO2022112013A1; WO2005099494A1; WO2010136751A3; US10568357B2; US11160302B2; US11278052B2; US11659868B2; US11864584B2; US9399110B2; US9770564B2; US10842953B2; US11140916B2; US7832410B2; US8393331B2; US9717278B2; US9930910B2; US10045564B2; US10085489B2; US10238144B2; US10349682B2; US10624385B2; US10701982B2; US10952477B2; US11013870B2; US11065404B2; US11272732B2; US9364027B2; US9713346B2; US9717279B2; US10123569B2; US10327478B2; US10342264B2; USRE47573E; US10856580B2; US11039649B2; US11779051B2; US8156944B2; US8365742B2; US9808034B2; US10893705B2; US11083222B2; US11641871B2; US11647781B2; US11758936B2; US11785978B2; US11805806B2; US11925202B2; US11980220B2; US11986009B2; EP3398460B1

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**EP 89108560 A 19890512**; AU 3468589 A 19890511; BG 8845489 A 19890515; IN 303CA1989 A 19890419; JP 11885689 A 19890515; SU 4613970 A 19890515