

Title (en)
Dual section ventilated cigarette filter with flavour containing sleeve

Title (de)
Ventilierter Doppelfilter für Zigarette mit aromatisierter Umhüllung

Title (fr)
Cigarette à filtre ventilé à double tronçon de filtrage, aromatisé par le gainage du filtre

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Application
EP 97400514 A 19970306

Priority
FR 9604094 A 19960329

Abstract (en)
The cigarette has a filter attached to the end of its section (T1) containing the tobacco, the filter being made in two sections (T2, T3), joined to one another and to the section with the tobacco by an outer sleeve (M1) with perforations (P). The filter section (T3) nearest the mouth has a lower resistance to draw, while the section (T2) between it and the tobacco has a higher resistance to draw. The two sections of the filter are joined together end to end with no gap between, and the portion of the filter after the perforations is surrounded by a thick porous sleeve (G1) impregnated with aromatic substances. The second portion (T3) of the filter is made from a material such as cellulose acetate and has a negligible tar retention capacity, while the first section (T2) is of paper and has a high tar retention capacity.

Abstract (fr)
La cigarette selon l'invention comprend un filtre aromatisé par le gainage et comportant, côté bouche, un tronçon de filtre (T3) à faible résistance au tirage et, côté tabac, un tronçon (T2) de forte résistance au tirage, ces deux tronçons (T2, T3) étant disposés bout à bout sans intervalle, au moins le tronçon (T3) situé côté bouche étant entouré par un gainage poreux épais (G1) chargé de substances aromatiques, tandis que le gainage d'assemblage (G2) et la manchette d'assemblage (M1) sont perméables à l'air au moins au niveau de la jonction entre les deux tronçons (T2, T3). Cette cigarette peut présenter un rendement en goudron très faible (< 1 mg) et présentant cependant une bonne résistance au tirage et un goût sensiblement constant. <IMAGE>

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A24B 15/282 (2013.01 - EP); **A24D 3/043** (2013.01 - EP US); **A24D 3/048** (2013.01 - EP US)

Citation (search report)
• [A] EP 0532329 A2 19930317 - REYNOLDS TOBACCO CO R [US]
• [A] FR 2524775 A1 19831014 - FILTRONA LTD [GB]
• [A] EP 0608047 A2 19940727 - PHILIP MORRIS PROD [US]
• [A] EP 0413536 A1 19910220 - BRITISH AMERICAN TOBACCO CO [GB]
• [DA] FR 2368905 A1 19780526 - OLIN CORP [US]
• [A] FR 2682263 A1 19930416 - CIGARETTE COMPONENTS LTD [GB]
• [A] GB 2229078 A 19900919 - ROTHMANS INT TOBACCO [GB]
• [A] US 2998820 A 19610905 - ADES VIOLA G
• [DA] EP 0225742 A2 19870616 - REYNOLDS TOBACCO CO R [US]

Cited by
WO2007068309A1; EP1797780A1; AU2005274889B2; EP1397965A1; EP0908110A1; DE19746664A1; EP1377184A4; US7381277B2; US6202650B1; WO2013045911A1; WO2004032656A1; WO2006020098A3; WO2009156269A1

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