

Title (en)  
Filter cigarette.

Title (de)  
Filterzigarette.

Title (fr)  
Cigarette à filtre.

Publication  
**EP 0105682 A1 19840418 (EN)**

Application  
**EP 83305689 A 19830923**

Priority  
US 42939482 A 19820930

Abstract (en)  
A filter cigarette is provided which is adjustable to provide a wide range of air dilution and/or resistance to draw values and which comprises a tobacco rod 1, a substantially cylindrical filter plug and substantially air impermeable tipping paper 11. The filter plug comprises a first, mouth-end segment 7 and a second, axially aligned, rod-end segment 3 spaced apart from the first segment. The wrapping, which is substantially air impereable, circumscribes the first and second segments defining a substantially cylindrical void 8 therebetween which may include means for releasing varying amounts of a flavourant. The first segment is movable towards the second segment thereby compressing the plug wrap between the segments which decreases the volume of the void and increases the resistance to draw value of the cigarette. Variable air dilution may be achieved by providing at least one opening 17 in the tipping paper and at least one opening 19 in the underlying plug wrap positioned such that, as the first segment is moved axially towards the second segment, the first and second openings are moved into varying degrees of registry thereby emitting varying amounts of air to the filter.

IPC 1-7  
**A24D 1/04**; **A24D 3/04**; **A24D 3/18**; **A24D 3/14**

IPC 8 full level  
**A24D 1/04** (2006.01); **A24D 3/04** (2006.01); **A24D 3/14** (2006.01); **A24D 3/18** (2006.01)

CPC (source: EP US)  
**A24D 3/041** (2013.01 - EP US)

Citation (search report)  
• FR 2273443 A5 19751226 - FAHIR ABDELLAH [MA]  
• GB 2099678 A 19821215 - GLATZ JULIUS GMBH  
• GB 1058343 A 19670208 - PHILIP MORRIS INC  
• DE 1782545 A1 19710916 - MOLINS MACHINE CO LTD  
• US 4201234 A 19800506 - NEUKOMM SERGE [CH]  
• US 3759268 A 19730918 - PLOURDE J  
• US 3596665 A 19710803 - LINDGARD KNUD  
• US 3327718 A 19670627 - DOUGLAS KILBURN KEITH  
• GB 1095848 A 19671220 - AMERICAN TOBACCO CO

Cited by  
US2014026908A1; US4699158A; GB2394394A; US4648413A; US4687008A; RU2629869C2; EP0189980A1; US4696314A; EP0671131A1; GB2288310A; US4677995A; EP0234911A1; US11213066B2; EP0167863A1; US4593707A; AU2013326288B2; US7980250B2; WO2004037025A3; WO2014001388A1; US10426192B2; US9532595B2; US10182594B2; WO2014053812A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0105682 A1 19840418**; **EP 0105682 B1 19861105**; AT E23249 T1 19861115; AU 1965783 A 19840405; AU 559009 B2 19870219; BR 8307542 A 19840821; CA 1203138 A 19860415; DE 3367318 D1 19861211; JP S59501892 A 19841115; WO 8401272 A1 19840412

DOCDB simple family (application)  
**EP 83305689 A 19830923**; AT 83305689 T 19830923; AU 1965783 A 19830928; BR 8307542 A 19830915; CA 437738 A 19830928; DE 3367318 T 19830923; JP 50323283 A 19830915; US 8301405 W 19830915