

Title (en)  
VENTILATED FILTER TIP CIGARETTE.

Title (de)  
BELÜFTETES FILTERMUNDSTÜCK FÜR ZIGARETTEN.

Title (fr)  
CIGARETTE A FILTRE VENTILE.

Publication  
**EP 0057201 A4 19821209 (EN)**

Application  
**EP 81902105 A 19810630**

Priority  
US 17414580 A 19800731

Abstract (en)  
[origin: WO8200405A1] A tobacco product (10, 10a, 10b) such as a cigarette having a wrapped tobacco column (16) and a filter (14, 14a, 14b) of filter material located in end-to-end relation with the tobacco column to filter constituents of the mainstream smoke. Means (Figs. 1, 2, 3) to provide dilution of mainstream smoke from 25 to essentially 100% are provided for maintaining the filter material in a cylindrical rod-like outline. An outer wrap (20) which surrounds the filter extends from one end toward the other and a band of paper forming a second outer wrap (18) unite the filter coaxially of the tobacco column. The outer wraps are substantially non-porous and of an axial length relative to the length of the filter whereby the surface area of exposed maintenance means is between about 25 mm<sup>2</sup> and about 750 mm<sup>2</sup>. The maintenance means may be an inner wrap (22) of paper, with (Fig. 3) or without (Fig. 2) perforations, having a uniform porosity in the range of about 300 to 50,000 cc/min/cm<sup>2</sup> at a pressure equivalent to 10 cm of water (Coresta units).

IPC 1-7  
**A24D 3/04**

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

CPC (source: EP US)  
**A24D 3/043** (2013.01 - EP US)

Designated contracting state (EPC)  
DE FR GB NL

DOCDB simple family (publication)  
**WO 8200405 A1 19820218**; EP 0057201 A1 19820811; EP 0057201 A4 19821209

DOCDB simple family (application)  
**US 8100895 W 19810630**; EP 81902105 A 19810630