

Title (en)

Ventilated filter cigarette with a coaxial filterelement

Title (de)

Ventilierte Filtercigarette mit einem koaxialen Filterelement

Title (fr)

Cigarette à filtre ventilée avec un élément de filtre coaxial

Publication

**EP 0875160 B1 20020515 (DE)**

Application

**EP 98105849 A 19980331**

Priority

DE 19718296 A 19970430

Abstract (en)

[origin: EP0875160A1] The cigarette filter (12) is ventilated by openings (15) and has a coaxial filter element possessing a core (14) with core-wrapping, a casing (13) and a wrapping for it. The tube of tobacco (11) and the filter enable the smoke to flow through the filter core when the ventilation zone is open, and to flow through the casing when the ventilation openings are closed. The filter-core wrapping is air-tight and is preferably made of paper or cellulose acetate. The ratio of the cross-sectional surface of the core to the cross-sectional surface of the casing is less than one.

IPC 1-7

**A24D 3/04**

IPC 8 full level

**A24D 1/04** (2006.01); **A24D 3/04** (2006.01); **A24D 3/10** (2006.01)

CPC (source: EP KR US)

**A24D 3/0275** (2013.01 - KR); **A24D 3/043** (2013.01 - EP US); **A24D 3/10** (2013.01 - KR); **A24D 3/163** (2013.01 - KR)

Cited by

WO0072705A1; CZ299205B6; DE19925313A1; DE19925313C2; WO0164061A1; US8550092B2; US9078471B2; US10334875B2

Designated contracting state (EPC)

BE CH ES FI FR GB GR IT LI NL

DOCDB simple family (publication)

**EP 0875160 A1 19981104**; **EP 0875160 B1 20020515**; AU 6369998 A 19981105; AU 727333 B2 20001207; BR 9801489 A 19990302; CA 2235537 A1 19981030; CA 2235537 C 20001205; CN 1101160 C 20030212; CN 1200899 A 19981209; DE 19718296 A1 19981105; DE 19718296 B4 20060629; HK 1011172 A1 19990709; ID 20244 A 19981105; JP 3038182 B2 20000508; JP H10327838 A 19981215; KR 100268330 B1 20001016; KR 19980081360 A 19981125; MX 9803363 A 19981231; MY 119924 A 20050830; SG 70077 A1 20000125; US 5979459 A 19991109

DOCDB simple family (application)

**EP 98105849 A 19980331**; AU 6369998 A 19980429; BR 9801489 A 19980428; CA 2235537 A 19980422; CN 98107492 A 19980429; DE 19718296 A 19970430; HK 98112017 A 19981114; ID 980646 A 19980430; JP 11358098 A 19980423; KR 19980013144 A 19980413; MX 9803363 A 19980429; MY PI9801924 A 19980429; SG 1998000754 A 19980420; US 6901298 A 19980428