

Title (en)  
BIODEGRADABLE CIGARETTE FILTER

Title (de)  
BIOLOGISCH ABBAUBARER FILTER FÜR CIGARETTEN

Title (fr)  
FILTRE BIODEGRADABLE POUR CIGARETTES

Publication  
**EP 1032283 B1 20021002 (DE)**

Application  
**EP 98961155 A 19981110**

Priority  
• DE 19753193 A 19971121  
• EP 9807120 W 19981110

Abstract (en)  
[origin: DE19753193A1] The line of tobacco is enclosed by a cigarette paper. A filter made of uncrimped cellulose felt is produced by an air-laid method and contains a filter-ventilation zone in its periphery. The filter possesses a condensate retention efficiency of 40 to 60 %. The ratio of nicotine to condensate of the tobacco is between 0.6 and 0.9. The apparent density of the tobacco mixture is between 200 and 250 milligrams per milliliter. The resistance to traction of the tobacco is between 45 and 65 WS, and the filter ventilation degree amounts to 15 to 50 %.

IPC 1-7  
**A24D 3/10**; **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 3/043** (2013.01 - EP US); **A24D 3/10** (2013.01 - EP KR US)

Cited by  
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**WO 9926497 A1 19990603**; AT E225134 T1 20021015; AU 1667699 A 19990615; BG 104547 A 20010228; BG 64611 B1 20050930; CN 1130135 C 20031210; CN 1283965 A 20010214; CZ 20001829 A3 20010516; CZ 289363 B6 20020116; DE 19753193 A1 19990527; DE 59805850 D1 20021107; DK 1032283 T3 20030203; EA 001997 B1 20011022; EA 200000549 A1 20001030; EE 200000268 A 20010815; EP 1032283 A1 20000906; EP 1032283 B1 20021002; ES 2182382 T3 20030301; HK 1034880 A1 20011109; HR P20000418 A2 20000831; HU 225287 B1 20060928; HU P0100392 A2 20010528; HU P0100392 A3 20011128; ID 25459 A 20001005; JP 2001523479 A 20011127; KR 20010032330 A 20010416; NO 20002516 D0 20000516; NO 20002516 L 20000516; NO 309354 B1 20010122; OA 11414 A 20040420; PL 187198 B1 20040531; PL 340593 A1 20010212; PT 1032283 E 20030228; SK 283275 B6 20030502; SK 7422000 A3 20001009; TR 200001454 T2 20020621; TW 533062 B 20030521; UA 56285 C2 20030515; YU 30900 A 20020919; YU 49407 B 20051128

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**EP 9807120 W 19981110**; AT 98961155 T 19981110; AU 1667699 A 19981110; BG 10454700 A 20000620; CN 98813219 A 19981110; CZ 20001829 A 19981110; DE 19753193 A 19971121; DE 59805850 T 19981110; DK 98961155 T 19981110; EA 200000549 A 19981110; EE P200000268 A 19981110; EP 98961155 A 19981110; ES 98961155 T 19981110; HK 01105513 A 20010808; HR P20000418 A 20000621; HU P0100392 A 19981110; ID 20001196 A 19981110; JP 2000521714 A 19981110; KR 20007005545 A 20000520; NO 20002516 A 20000516; OA 1200000150 A 20000519; PL 34059398 A 19981110; PT 98961155 T 19981110; SK 7422000 A 19981110; TR 200001454 T 19981110; TW 87119275 A 19981120; UA 00063573 A 19981110; YU 30900 A 19981110