

Title (en)
SMOKING ARTICLE

Publication
EP 0337506 A3 19900321 (EN)

Application
EP 89110764 A 19850911

Priority
• EP 85111467 A 19850911
• US 65060484 A 19840914
• US 68453784 A 19841221

Abstract (en)
[origin: DK174292B1] The cigarette has a carbonaceous fuel element. A separate aerosol generator has a substrate bearing an aerosol forming material. The fuel element and substrate are arranged in a conductive relationship, so that the heat-stable substrate receives conductive heat transfer throughout the burning time of the fuel element. The fuel element is less than 30mm in length, with a density of at least 5 g/cc. An insulation material can surround part of the fuel element. The insulation is resilient and at least 15 mm thick. The cigarette also has a mouthpiece.

IPC 1-7
A24D 1/18

IPC 8 full level
A24B 15/00 (2006.01); **A24D 1/18** (2006.01); **A24D 1/22** (2020.01); **A24D 3/06** (2006.01); **A61M 15/06** (2006.01); **F23Q 2/18** (2006.01)

IPC 8 main group level
A24D (2006.01)

CPC (source: EP KR US)
A24B 15/16 (2013.01 - KR); **A24B 15/165** (2013.01 - EP US); **A24D 1/042** (2013.01 - KR); **A24D 1/18** (2013.01 - EP US); **A24D 1/22** (2020.01 - EP KR US); **A24F 40/40** (2020.01 - KR); **A24F 42/60** (2020.01 - KR)

Citation (search report)
• [AD] EP 0117355 A2 19840905 - PHILIP MORRIS INC [US]
• [A] US 3258015 A 19660628 - DRUMMOND ELLIS CHARLES, et al
• [A] US 4340072 A 19820720 - BOLT ANTHONY J N, et al
• [A] GB 1431045 A 19760407 - GALLAHER LTD
• [A] WO 8401274 A1 19840412 - STEINER PIERRE G
• [A] US 3356094 A 19671205 - DRUMMOND ELLIS CHARLES, et al
• [A] US 2907686 A 19591006 - SIEGEL HENRY I

Cited by
US11957160B2; US11672271B2; US11723398B2; US11388925B2

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

DOCDB simple family (publication)
EP 0174645 A2 19860319; EP 0174645 A3 19870506; AT E110534 T1 19940915; AT E114413 T1 19941215; AT E114414 T1 19941215; AT E114415 T1 19941215; AT E126677 T1 19950915; AU 4696385 A 19860320; AU 5595590 A 19900920; AU 595483 B2 19900405; AU 623260 B2 19920507; BG 45382 A3 19890515; BG 46596 A3 19900115; BR 8504453 A 19860715; DE 3587920 D1 19941006; DE 3587920 T2 19950316; DE 3587951 D1 19950112; DE 3587951 T2 19950608; DE 3587952 D1 19950112; DE 3587952 T2 19950608; DE 3587954 D1 19950112; DE 3587954 T2 19950608; DE 3588051 D1 19950928; DE 3588051 T2 19960222; DK 166560 B1 19930614; DK 173975 B1 20020318; DK 174292 B1 20021125; DK 22691 A 19910211; DK 22691 D0 19910211; DK 22791 A 19910211; DK 22791 D0 19910211; DK 416785 A 19860315; DK 416785 D0 19850913; EG 16866 A 19890330; EP 0336458 A2 19891011; EP 0336458 A3 19900314; EP 0336458 B1 19941130; EP 0337506 A2 19891018; EP 0337506 A3 19900321; EP 0337506 B1 19941130; EP 0337507 A2 19891018; EP 0337507 A3 19901122; EP 0337508 A2 19891018; EP 0337508 A3 19900321; EP 0337508 B1 19950823; EP 0339689 A2 19891102; EP 0339689 A3 19900314; EP 0339689 B1 19941130; EP 0339690 A2 19891102; EP 0339690 A3 19900328; EP 0339690 B1 19940831; ES 296358 U 19880401; ES 296358 Y 19881116; ES 296359 U 19880216; ES 296359 Y 19881116; ES 296360 U 19880216; ES 296360 Y 19881116; FI 78228 B 19890331; FI 78228 C 19890710; FI 81949 B 19900928; FI 81949 C 19910110; FI 82592 B 19901231; FI 82592 C 19910410; FI 83382 B 19910328; FI 83382 C 19910710; FI 853486 A0 19850912; FI 853486 L 19860315; FI 870466 A0 19870204; FI 870466 A 19870204; FI 870467 A0 19870204; FI 870467 A 19870204; FI 883458 A0 19880721; FI 883458 A 19880721; GR 852205 B 19860114; HK 158396 A 19960830; HK 20095 A 19950224; HK 40796 A 19960315; HK 40896 A 19960315; HK 63095 A 19950505; HR P950147 B1 19960229; HU 202390 B 19910328; HU T40000 A 19861128; IE 65637 B1 19951101; IE 65679 B1 19951115; IE 65680 B1 19951115; IE 79075 B1 19980408; IE 80788 B1 19990424; IE 852050 L 19860314; IE 940573 L 19860314; IE 940574 L 19860314; IE 950597 L 19860314; IE 950598 L 19860314; IL 76195 A0 19851231; IL 76195 A 19890928; IN 164988 B 19890722; JP H0390161 A 19910416; JP H0390162 A 19910416; JP H0390163 A 19910416; JP H0558756 B2 19930827; JP H0558757 B2 19930827; JP H0626573 B2 19940413; KR 860002237 A 19860424; KR 910008187 B1 19911011; MA 20525 A1 19860401; MT P969 B 19860915; MX 162549 A 19910520; MX 172444 B 19931216; MX 173247 B 19940211; MY 100640 A 19901229; NO 169814 B 19920504; NO 169814 C 19920812; NO 171823 B 19930201; NO 171823 C 19930512; NO 172522 B 19930426; NO 172522 C 19930804; NO 853599 L 19860317; NO 902096 D0 19900511; NO 902096 L 19860317; NO 902097 D0 19900511; NO 902097 L 19860317; OA 08160 A 19870331; PL 154008 B1 19910628; PL 255348 A1 19861230; PT 81127 A 19851001; PT 81127 B 19950331; RO 93669 A 19880815; SG 178294 G 19950512; SG 23620 G 19950918; SI 8511441 A8 19960630; YU 144185 A 19870831; YU 43994 B 19900228; ZW 14685 A1 19851030

DOCDB simple family (application)
EP 85111467 A 19850911; AT 89110764 T 19850911; AT 89110766 T 19850911; AT 89110768 T 19850911; AT 89110769 T 19850911; AT 89110771 T 19850911; AU 4696385 A 19850902; AU 5595590 A 19900524; BG 7976885 A 19850913; BG 7976985 A 19850903; BR 8504453 A 19850913; DE 3587920 T 19850911; DE 3587951 T 19850911; DE 3587952 T 19850911; DE 3587954 T 19850911; DE 3588051 T 19850911; DK 22691 A 19910211; DK 22791 A 19910211; DK 416785 A 19850913; EG 54985 A 19850905; EP 89110764 A 19850911; EP 89110765 A 19850911; EP 89110766 A 19850911; EP 89110768 A 19850911; EP 89110769 A 19850911; EP 89110771 A 19850911; ES 296358 U 19870316; ES 296359 U 19870316; ES 296360 U 19870316; FI 853486 A 19850912; FI 870466 A 19870204; FI 870467 A 19870204; FI 883458 A 19880721; GR 850102205 A 19850911; HK 158396 A 19960822;

HK 20095 A 19950216; HK 40796 A 19960307; HK 40896 A 19960307; HK 63095 A 19950427; HR P950147 A 19950327;
HU 346785 A 19850913; IE 205085 A 19850820; IE 940573 A 19850820; IE 940574 A 19850820; IE 950597 A 19850820; IE 950598 A 19850820;
IL 7619585 A 19850826; IN 809CA1987 A 19871016; JP 19320790 A 19900723; JP 19320890 A 19900723; JP 19320990 A 19900723;
KR 850006707 A 19850913; MA 20751 A 19850912; MT P969 A 19850913; MX 20661685 A 19850913; MX 2359285 A 19850913;
MX 2359385 A 19850913; MY PI19870805 A 19870613; NO 853599 A 19850913; NO 902096 A 19900511; NO 902097 A 19900511;
OA 58675 A 19850910; PL 25534885 A 19850912; PT 8112785 A 19850913; RO 12010185 A 19850913; SG 178294 A 19941220;
SG 1995904694 A 19850911; SI 8511441 A 19850913; YU 144185 A 19850913; ZW 14685 A 19850904