

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
24 July 2003 (24.07.2003)

PCT

(10) International Publication Number
WO 03/059096 A1

(51) International Patent Classification⁷: **A24F 13/06**,
A24D 3/04

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(21) International Application Number: PCT/US03/00654

(22) International Filing Date: 9 January 2003 (09.01.2003)

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(25) Filing Language: English

(26) Publication Language: English

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(30) Priority Data:
60/347,558 9 January 2002 (09.01.2002) US
60/403,490 14 August 2002 (14.08.2002) US

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(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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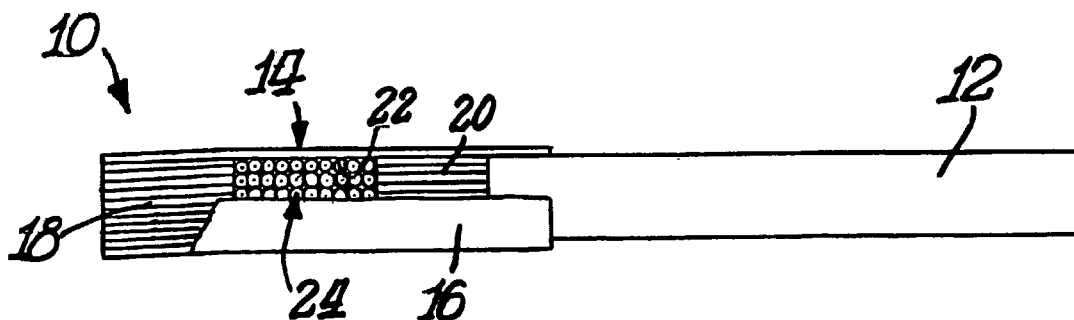
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Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CIGARETTE FILTER WITH BEADED CARBON



(57) Abstract: A smoking article such as a cigarette (10) comprises a tobacco rod (12) and a filter component (14) having a cavity (22) filled with spherical beaded carbon (24). As mainstream tobacco smoke is drawn through the filter component (14), targeted gas phase smoke constituents are removed as the smoke passes through the carbon (24). During the filter manufacturing process, the spherical beaded carbon (24) flows like a liquid and substantially completely fills the cavity (22). Point-to-point contact between the spherical beads (24) together with substantially complete filling of the cavity (22) produces minimal channeling of ambulatory gas phase as well as maximum contact between the gas phase and the carbon surface of the spherical beads (24) during smoking.



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