

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
2 August 2007 (02.08.2007)

PCT

(10) International Publication Number
WO 2007/085830 A3

(51) International Patent Classification:

A24D 3/02 (2006.01) A24D 1/00 (2006.01)
A24C 5/18 (2006.01)

(21) International Application Number:

PCT/GB2007/000246

(22) International Filing Date: 24 January 2007 (24.01.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

0601699.2 27 January 2006 (27.01.2006) GB
0605459.7 17 March 2006 (17.03.2006) GB

(71) Applicant (for all designated States except US): **BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED** [GB/GB]; Globe House, 1 Water Street, London WC2R 3LA (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **WHITE, Peter, Rex** [GB/GB]; British American Tobacco (Investments) Limited, R & D Centre, Regents Park Road, Southampton, Hampshire SO15 8TL (GB). **LEWIS, William, David** [GB/GB]; British American Tobacco (Investments) Limited, R & D Centre, Regents Park Road, Southampton, Hampshire SO15 8TL (GB).

(74) Agents: **TANNER, James, Percival** et al.; D Young & Co, 120 Holborn, London EC1N 2DY (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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

Published:

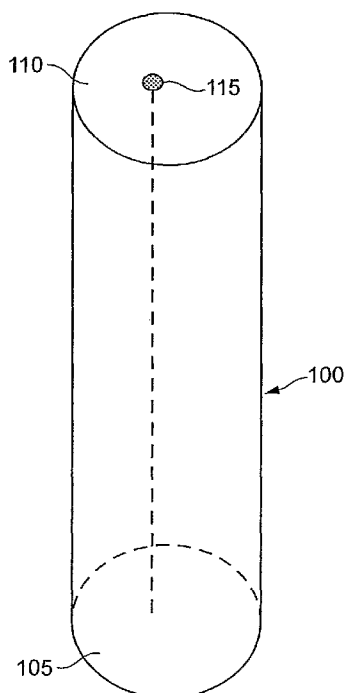
— with international search report

(88) Date of publication of the international search report:

27 September 2007

[Continued on next page]

(54) Title: METHOD OF PREPARING A ROD FOR USE IN THE PREPARATION OF A SMOKING ARTICLE



(57) Abstract: A method of preparing a rod for use in the preparation of a smoking article is described. The rod has a first end and a second end. The rod has located therein a solid support. The solid support extends in a linear fashion from the first end of said rod to the second end of said rod. At least a portion of said solid support is coated and/or impregnated with an additive. The rod is prepared using rod forming means, wherein said rod forming means comprises a channel ending in an open exit, wherein material may pass through at least part of the channel and leave via the open exit in the form of a rod. The rod is prepared by: (i) providing starting material for forming said rod; (ii) providing the solid support for location within said formed rod; (iii) providing an additive for coating and/or impregnating at least a portion of said solid support; (iv) allowing said starting material to travel through at least part of said channel of said rod forming means; (v) coating and/or impregnating at least a portion of said solid support with said additive within said channel; (vi) allowing said solid support coated and/or impregnated with said additive to travel through at least part of channel of said rod forming means. The method comprises: (a) contacting a section of said starting material with a section of said solid support; wherein the initial contact of said section of starting material with said section of said solid support occurs in said rod forming means; (b) allowing the contacted sections of starting material and solid support to travel through at least part of said channel of said rod forming means in the direction of said open exit; (c) allowing the remainder of the starting material and the remainder of the solid support to contact in the rod forming means; (d) allowing the contacted remainder of the starting material and the solid support to travel through at least part of said channel of said rod forming means; (e) forming said rod by said rod forming means, such that on forming said rod said solid support extends within said rod from the first end of said rod to the second end of said rod; and (f) allowing said formed rod to exit from said open exit.

WO 2007/085830 A3



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.