



- (51) International Patent Classification:
A24D 3/04 (2006.01)
- (21) International Application Number:
PCT/IB2013/054446
- (22) International Filing Date:
29 May 2013 (29.05.2013)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
12170247.6 31 May 2012 (31.05.2012) EP
61/653,550 31 May 2012 (31.05.2012) US
- (71) Applicant: PHILIP MORRIS PRODUCTS S.A.
[CH/CH]; Quai Jeanrenaud 3, CH-2000 Neuchatel (CH).
- (72) Inventors: BLANGY, Helene; Rue de l'Evoile 73, CH-2000 Neuchatel (CH). OGGIER, Nadine Lacroix; Scharasinaweg 3, CH-3970 Salgesch (CH).
- (81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY,

BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

- *without international search report and to be republished upon receipt of that report (Rule 48.2(g))*

(54) Title: SMOKING ARTICLE WITH CONCENTRIC FILTER

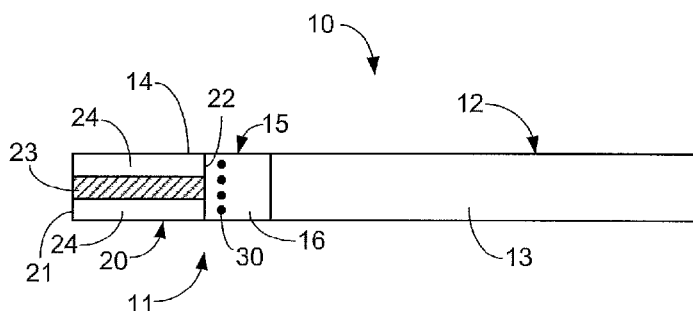


Figure 1

(57) Abstract: A smoking article (10) incorporates a tobacco rod (12) and a filter attached to the tobacco rod. The filter includes a concentric filter segment having a central core portion with sorbent material and an outer periphery layer circumscribed about the central core portion. At least about 80 weight % of the sorbent in the smoking article is disposed in the central core portion. The central core portion has a lower RTD than the periphery layer. A ventilation zone is disposed adjacent an upstream end of the concentric sorbent segment.

