



- (51) **International Patent Classification:**  
*A24D 3/02* (2006.01) *A24C 5/47* (2006.01)  
*A24D 3/08* (2006.01)
- (21) **International Application Number:**  
PCT/US2012/059743
- (22) **International Filing Date:**  
11 October 2012 (11.10.2012)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**  
PCT/US2011/056388  
14 October 2011 (14.10.2011) US
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- (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, KM, 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,

[Continued on next page]

(54) **Title:** APPARATUSES, SYSTEMS, AND ASSOCIATED METHODS FOR FORMING POROUS MASSES FOR SMOKE FILTER

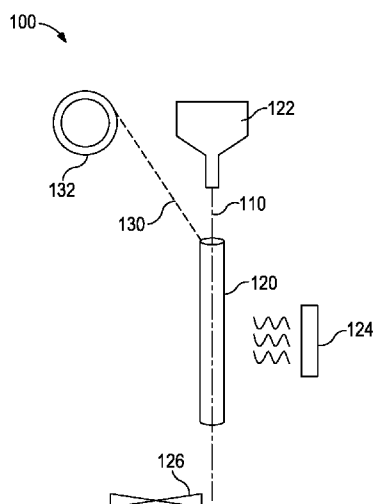


FIG. 1A

(57) **Abstract:** High-throughput production methods for manufacturing porous masses suitable for use in conjunction with smoking devices may include continuously combining a matrix material and a paper wrapper to form a desired cross-sectional shape where the matrix material is confined by the paper wrapper, the matrix material comprising a binder particle and an active particle; heating at least a portion of the matrix material so as to bind the matrix material at a plurality of contact points, thereby forming a porous mass length, wherein heating involves irradiating with microwave radiation at least a portion of the matrix material; cooling the porous mass length; and cutting the porous mass length radially thereby producing a porous mass.



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, —  
ML, MR, NE, SN, TD, TG).

*with information concerning one or more priority claims  
considered void (Rule 26bis.2(d))*

**Published:**

— *with international search report (Art. 21(3))*