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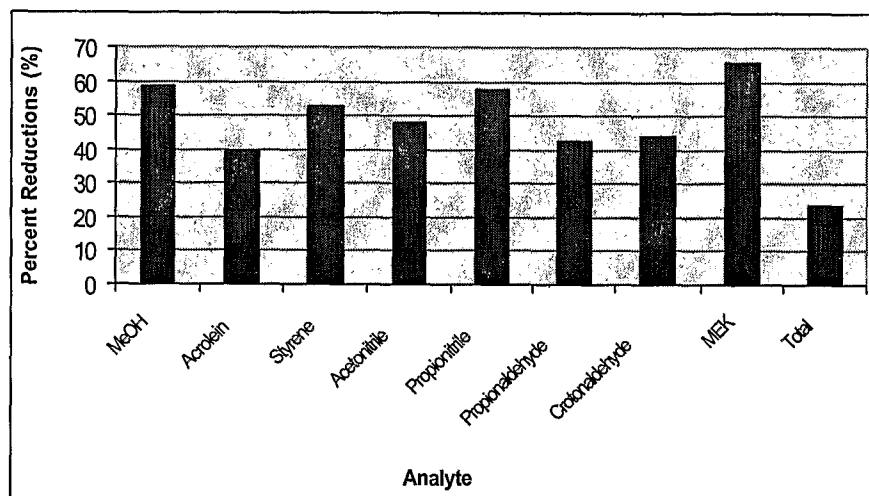
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[Continued on next page]

(54) Title: APPLICATION OF MESOPOROUS MOLECULAR SIEVES AS SELECTIVE SMOKE FILTRATION ADDITIVES

TPM Normalized Percentage Reductions of Selected Vapor Phase Analytes vs. Semolina



(57) Abstract: A smoking article includes a filter element having MCM-41 as a mesoporous molecular sieve. Also, a smokable article includes a smokable material and a wrapping paper having MCM-41 as the mesoporous molecular sieve. The mesoporous molecular sieve may be used in combination with charcoal or impregnated with copper oxide to further enhance filtration.

**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations 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, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, 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,*

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

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