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(21) International Application Number: PCT/US00/02590 (22) International Filing Date: 1 February 2000 (01.02.00) (30) Priority Data: 09/248,247 10 February 1999 (10.02.99) US (71) Applicant: SEQUA CORPORATION [US/US]; 3 University Plaza, Hackensack, NJ 07601 (US). (72) Inventors: WILLIAMS, Robert; 41 Windsor Avenue, Randolph, NJ 07869 (US). CHROBOCINSKI, Chester; 52 Dorothy Street, Carteret, NJ 07008 (US). (74) Agent: BITTMAN, Mitchell, D.; Sequa Corporation, 3 University Plaza, Hackensack, NJ 07601 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, 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, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>

(54) Title: MANDREL CARRIER FOR HIGH SPEED CAN DECORATORS**(57) Abstract**

A continuous motion can decorator includes a plurality of mandrel subassemblies (40) mounted on a rotating carrier (18) with equal spacings between adjacent subassemblies (40). The assemblies (40) reciprocate radially with respect to the carrier axis (80) as a center. Each subassembly (40) includes a radially extending support arm (41) that mounts a radially extending mono rail (51) which extends through guide bearing units (90) on the carrier (18). An eccentric type mounting is provided for the mandrel axle on the reciprocating arm (41) so that there is an individually operated means to adjust spacing between the carrier rotational axis and the mandrel axis. Vacuum and pressurized air are fed selectively to each mandrel subassembly (40) through a flexible hose (83) having a single loop that is formed by curving virtually the entire length of the hose (83).

