

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : D06L 1/02	A1	(11) International Publication Number: WO 00/04221 (43) International Publication Date: 27 January 2000 (27.01.00)
(21) International Application Number: PCT/US99/15920 (22) International Filing Date: 14 July 1999 (14.07.99) (30) Priority Data: 09/115,352 14 July 1998 (14.07.98) US (71) Applicant: GREENEARTH CLEANING, LLC [US/US], 3724 West 119th Terrace, Leawood, KS 66209 (US) (72) Inventors: BERNDT, Wolf-Dieter, R.; 895 Apollo Way, P.O. Box 4413, Incline Village, NV 89450 (US) GRIFFIS, John, McLeod; Apartment 5, 2360 Union Street, San Francisco, CA 94123 (US). (74) Agent: STEPHENS, L., Keith, Hickman Stephens & Coleman, LLP, P.O. Box 52037, Palo Alto, CA 94303-0746 (US)		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, 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, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TT, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, 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 With international search report  *G00002*

(54) Title: DRY CLEANING METHOD AND SOLVENT

(57) Abstract

A dry cleaning system and method comprises specially designed or modified machinery used in conjunction with a cyclic siloxane solvent. In a preferred embodiment, the method comprises the steps of loading articles into a cleaning basket; agitating the articles and the siloxane composition in which they are immersed; removing most of the siloxane composition; centrifuging the articles; subjecting the articles to a partial vacuum pressure and elevated temperature; and removing the articles from the basket after cooling the articles and returning the pressure to ambient.



162162

