



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C11D 3/00, 3/39, 1/14, 3/20, 3/36, 3/37, 17/00	A1	(11) International Publication Number: WO 99/53005 (43) International Publication Date: 21 October 1999 (21.10.99)
(21) International Application Number: PCT/IB99/00592 (22) International Filing Date: 7 April 1999 (07.04.99) (30) Priority Data: 98870075.3 8 April 1998 (08.04.98) EP (71) Applicant (for all designated States except US): THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): MASOTTI, Valentina [IT/IT]; Via Pertini, 5, I-40033 Casalecchio di Reno (IT). RIZZO, Renzo [IT/IT]; Via Alfredo Fusco, 119, I-00136 Rome (IT). (74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).		(81) Designated States: AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), 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, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, 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 <i>With international search report.</i>
(54) Title: CARPET CLEANING COMPOSITIONS AND METHOD FOR CLEANING CARPETS (57) Abstract The present invention relates to a method of cleaning a carpet with a liquid composition having a residuality index of less than 40 % after vacuum cleaning, said method comprising the steps of: applying the composition onto the carpet in the form of a spray of droplets having a particle size distribution with a mean diameter $D(v,0.9)$ of less than 1500 microns, the amount of composition applied onto the carpet being from 1 ml to 120 ml per square meter of carpet, leaving said composition to dry onto the carpet and finally removing it by vacuum cleaning said carpet. The present invention further relates to a composition for the cleaning of a carpet having a residuality index of less than 40 % after vacuum cleaning, packaged in a container adapted to deliver the composition onto the carpet in the form of a spray of droplets having a particle size distribution with a mean diameter $D(v,0.9)$ of less than 1500 microns. The present invention provides excellent cleaning performance on the carpet in a faster and easier way. Indeed, no rinsing is required and no manual action (other than application of the composition) by the user while the composition is in a wet state.		