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(21) International Application Number: PCT/US97/21813 (22) International Filing Date: 20 November 1997 (20.11.97) (30) Priority Data: 96119425.5 4 December 1996 (04.12.96) EP (34) Countries for which the regional or international application was filed: DE et al. (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): CORZANI, Italo [IT/IT]; Via Fontevecchia, 40, I-66100 Chieti (IT). DIVO, Michael [DE/DE]; Feldbergstrasse 14, D-61381 Friedrichsdorf (DE). CIAMMAICHELLA, Fabio [IT/IT]; Via Guelfi, 29, I-65129 Pescara (IT). GAGLIARDI, Ivano [IT/IT]; Via Montanara, 29, I-65123 Pescara (IT). NARCISI, Paolo [IT/IT]; Via Petrarca, Condominio Edil Park, Palazzina A, interno 1, I-65016 Montesilvano (IT). TORO, Carlo [IT/IT]; Via S. Aleramo, 7, I-65012 Cepagatti (IT).		(74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US). (81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, 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, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: PROCESS FOR MANUFACTURING INDIVIDUAL LAYERED STRUCTURES COMPRISING PARTICULATE MATERIAL, AND LAYERED STRUCTURES THEREFROM (57) Abstract A process for manufacturing individual layered structures (12) and the individual layered structures (12) produced. There is provided a continuous web layered structure (14) having cutting lines across the width. The continuous web layered structure (14) contains particulate materials (6, 7, 9) between two containing layers (1, 2). One of the two containing layers (1, 2) is permeable to liquids. A thermoplastic material (16), in liquid form, is applied to the continuous web layered structure (14) over at least part of the cutting lines. The thermoplastic material (16) will join the two containing layers (1, 2) at each point of application. The thermoplastic material (16) is allowed to set. The continuous web layered structure (14) is cut along the cutting lines within the applied thermoplastic material (16) to provide individual layered structures (12).		