

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : G01N 5/02	A1	(11) International Publication Number: WO 97/37208 (43) International Publication Date: 9 October 1997 (09.10.97)
(21) International Application Number: PCT/US97/04860 (22) International Filing Date: 25 March 1997 (25.03.97) (30) Priority Data: 96105022.6 29 March 1996 (29.03.96) EP (34) Countries for which the regional or international application was filed: AT 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) Inventor; and (75) Inventor/Applicant (for US only): HERRLEIN, Mathais, Kurt [DE/DE]; Apostelstrasse 4, D-60528 Frankfurt (DE). (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, 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, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), 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 With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: METHOD FOR ASSESSING DISPOSABLE ABSORBENT STRUCTURES**(57) Abstract**

The invention refers to methods for assessing absorbent structures (10) for their fluid handling ability by using materials (110) having a moisture pick up ability which is very close to the one of human skin. This is achieved by using materials (110) which do not function based on capillary transport for moisture, but which comprise as an essential element swellable but non-soluble materials in a film form. Such materials (110) can be based on proteins, Glycin, Prolin, 4-hydroxyprolin, naturally occurring sugars, glycerin, sorbit and collagen. A particularly preferred material is a film material comprising collagen. To simulate a baby's weight upon the absorbent structure (10), a load (16) may be utilized therewith.

