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4373X

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁵ : A61L 15/24	A1	(11) International Publication Number: WO 92/18171 (43) International Publication Date: 29 October 1992 (29.10.92)
(21) International Application Number: PCT/US92/02905 (22) International Filing Date: 9 April 1992 (09.04.92) (30) Priority data: 684,712 12 April 1991 (12.04.91) US 684,633 12 April 1991 (12.04.91) US 685,255 12 April 1991 (12.04.91) US (71) Applicant: THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). (72) Inventors: ROE, Donald, Carroll ; 1041 Jonquil Lane, Cin- cinnati, OH 45224 (US). DRAGOO, Jerry, Layne ; 6 Kingsmont Court, Fairfield, OH 45014 (US). GILKES- ON, Gary, Bernard ; 2874 Shaffer Ave., Apt. 1, Cincin- nati, OH 45211 (US).		(74) Agent: REED, T., David; The Procter & Gamble Com- pany, Ivorydale Technical Center, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US). (81) Designated States: AT (European patent), AU, BB, BE (European patent), BF (OAPI patent), BG, BJ (OAPI patent), BR, CA, CF (OAPI patent), CG (OAPI patent), CH (European patent), CI (OAPI patent), CM (OAPI patent), CS, DE (European patent), DK (European pa- tent), ES (European patent), FI, FR (European patent), GA (OAPI patent), GB (European patent), GN (OAPI patent), GR (European patent), HU, IT (European pa- tent), JP, KP, KR, LK, LU (European patent), MC (Eu- ropean patent), MG, ML (OAPI patent), MN, MR (OA- PI patent), MW, NL (European patent), NO, PL, RO, RU, SD, SE (European patent), SN (OAPI patent), TD (OAPI patent), TG (OAPI patent). Published <i>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.</i>
(54) Title: ABSORBENT STRUCTURES CONTAINING SPECIFIC PARTICLE SIZE DISTRIBUTIONS OF SUPERAB- SORBENT HYDROGEL-FORMING MATERIALS		
(57) Abstract Absorbent structures are disclosed which contain superabsorbent materials or a particulate material composition. The par- ticulate material composition comprises specific, relatively narrow, particle size distributions of superabsorbent hydrogel-forming material particles formed by solution polymerization methods and mixed with inorganic powders. The particles of superabsor- bent material are of such size that at least about 70 % of said particles, by weight, will pass through a U.S. Standard 50 mesh sieve with 297 micron openings and be retained on a U.S. Standard 170 mesh sieve with 88 micron openings when said particles are tested according to the Sieving Test described herein. The inorganic powder, such as amorphous silica, is intermixed with the par- ticles of superabsorbent material in amount of between about 0.1 to about 5 parts per 100 parts of the particles of superabsorbent material. The absorbent structures of the present invention are useful in disposable absorbent articles such as diapers, adult in- continence, and the like.		

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