



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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<p>(21) International Application Number: PCT/US99/13177</p> <p>(22) International Filing Date: 8 June 1999 (08.06.99)</p> <p>(30) Priority Data: 60/088,453 8 June 1998 (08.06.98) US 09/211,934 15 December 1998 (15.12.98) US</p> <p>(63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application US 09/211,934 (CON) Filed on 15 December 1998 (15.12.98)</p> <p>(71) Applicant (for all designated States except US): BUCKEYE TECHNOLOGIES INC. [US/US]; 1001 Tillman Street, Memphis, TN 38112 (US).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): GROSS, James, R. [US/US]; 1831 Saxony Cove, Cordova, TN 38018 (US). BAER, Samuel, C. [US/US]; 2923 Savannah Way South, Germantown, TN 38138 (US). LEPTICK, Steve [CA/CA]; 36-67th Street, Delta, British Columbia V4K 1V0 (CA). ERSPAMER, John, P. [US/US]; 3716 Oak Bark Lane, Bartlett, TN 38139 (US).</p>		<p>(74) Agents: SULLIVAN, Robert, C., Jr. et al.; Darby &amp; Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).</p> <p>(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, 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, TM, TR, TT, UA, UG, US, 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).</p> <p><b>Published</b> <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></p> <p>(88) Date of publication of the international search report: 3 February 2000 (03.02.00)</p>
<p>(54) Title: ABSORBENT STRUCTURES COATED WITH FOAMED SUPERABSORBENT POLYMER</p>		
<p>(57) Abstract</p> <p>An absorbent sheeted material containing a layer of a foamed hydrogel-forming polymer having superabsorbent properties coated on the surface of a sheeted fibrous absorbent material suitable for use in disposable absorbent products and methods of making thereof are disclosed.</p>		

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INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US99/13177

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(6) :A61F 13/15  
US CL :604/368  
According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
U.S. : 604/368

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,410,571 A (KORPMANN) 18 October 1983, col. 1 lines 41, 42, 51, 52, 60, 65; col. 2 lines 30-37; col. 4 lines 38-40, 53-57; col. 5 lines 19-21, 34, 35, 60-62; and col. 6 lines 28-32.	1-8, 14-24
X --- Y	US 4,529,739 A (SCOTT et al.) 16 July 1985, col. 2 lines 7, 8, 48-50; col. 3 lines 15-30, 42-47.	9-13 ----- 6
X --- Y	US 4,649,164 A (SCOTT et al.) 10 March 1987, col. 2 lines 12-16, 52-55; col. 3 lines 21-36, 49-53; col. 4 lines 55, 56.	9-13 ----- 6
Y, P	US 5,807,364 A (HANSEN) 15 September 1998, col. 11 lines 17-19; col. 17 lines 11, 12.	3

Further documents are listed in the continuation of Box C.  See patent family annex.

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Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230	Authorized officer <i>Paul A. Shanoski</i> PAUL A. SHANOSKI Telephone No. (703) 305-0560

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PCT/US99/13177

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A, P	US 5,763,067 A (BRUGGEMANN et al.) 09 June 1998, Abstract.	1-8, 14-24
A, E	US 5,977,014 A (PISCHKE et al.) 02 November 1999, Abstract, col. 2 lines 10-17, 41-44; col. 3 lines 57-60; col. 12 lines 54-57; col. 17 lines 65, 66.	1-8, 14-24
A	US 5,338,766 A (PHAN et al.) 16 August 1994, Abstract, col. 6 line 55.	1-8, 14-24