



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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| <p>(51) International Patent Classification⁶ : A61L 15/60, 15/42, C08J 3/12 // C08L 101:14</p> | <p>A1</p> | <p>(11) International Publication Number: WO 95/22357</p> <p>(43) International Publication Date: 24 August 1995 (24.08.95)</p> | | | | | | |
| <p>(21) International Application Number: PCT/US95/01062</p> <p>(22) International Filing Date: 1 February 1995 (01.02.95)</p> <p>(30) Priority Data:</p> <table border="0"> <tr> <td>08/197,916</td> <td>17 February 1994 (17.02.94)</td> <td>US</td> </tr> <tr> <td>08/224,454</td> <td>7 April 1994 (07.04.94)</td> <td>US</td> </tr> </table> <p>(71) Applicant: THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).</p> <p>(72) Inventors: WANG, Lin; 5-5-6-202, Tanaka-cho, Higashinada-ku, Kobe 658 (JP). REZAI, Ebrahim; Famille Grand Okamoto #202, 3-8-2, Motoyama-Kita-Machi, Higashinada-ku, Kobe 658 (JP). HAYASHI, Yumiko; 5-6-19, Nagata Tenjin-cho, Nagata-ku, Kobe 653 (JP).</p> <p>(74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).</p> | | 08/197,916 | 17 February 1994 (17.02.94) | US | 08/224,454 | 7 April 1994 (07.04.94) | US | <p>(81) Designated States: AM, AU, BB, BG, BR, BY, CA, CN, CZ, FI, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LV, MD, MG, MN, MX, NO, NZ, PL, RO, RU, SI, SK, TJ, TT, UA, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, MW, SD, SZ).</p> <p>Published <i>With international search report.</i></p> |
| 08/197,916 | 17 February 1994 (17.02.94) | US | | | | | | |
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| <p>(54) Title: POROUS ABSORBENT MATERIALS HAVING MODIFIED SURFACE CHARACTERISTICS AND METHODS FOR MAKING THE SAME</p> | | | | | | | | |
| <p>(57) Abstract</p> <p>A porous absorbent material that comprises a water-insoluble, water-swellaible absorbent polymer. The absorbent material comprises a polyether and/or a polycation bonded to the absorbent polymer whereby the contact angle of blood on a surface of the absorbent material attains from about 0 degree to about 40 degrees. Because of the improved wettability with liquids as well as the porous structure, the absorbent material can provide higher absorbent characteristics with liquids, in particular with blood.</p> | | | | | | | | |