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PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 5 :		(11) International Publication Number: WO 94/00293
B32B 27/08, A61L 15/00	A1	(43) International Publication Date: 6 January 1994 (06.01.94)

(21) International Application Number: PCT/US93/05617

(22) International Filing Date: 14 June 1993 (14.06.93)

(30) Priority data:
07/905,057 26 June 1992 (26.06.92) US

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(81) Designated States: AU, BB, BG, BR, BY, CA, CZ, FI, HU, JP, KP, KR, KZ, LK, MG, MN, MW, NL, NO, NZ, RO, RU, SD, SK, UA, 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).

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: BIODEGRADABLE, LIQUID IMPERVIOUS MULTILAYER FILM COMPOSITIONS

(57) Abstract

Biodegradable, liquid impervious multilayer film compositions are disclosed. In particular, the films comprise composite structures derived from multilayer combinations of biodegradable polymers. The biodegradable polymers are selected from the categories of moisture sensitive polymers, thermally sensitive polymers, mechanically limited polymers, polymers not easily processed into films, hydrolytically cleavable polymers, and degradable elastomers. Optionally, the multilayer films may further comprise additional adhesive tie layers. The biodegradable polymers are combined in various ways to overcome the deficiencies of the individual components, yet at the same time to impart specific performance properties to the film. The multilayer film compositions are suitable for use as backsheets in disposable absorbent products including diapers, adult incontinent pads, sanitary napkins, pantiliners and the like.