

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
16 May 2002 (16.05.2002)

PCT

(10) International Publication Number
WO 02/038643 A3

- (51) International Patent Classification⁷: **C08G 18/08**,
18/12, 18/66, C09D 11/00, 11/10 Dill Avenue, Linden, NJ 07036 (US). **SCHNEIDER, Mark**; 315 Depew Street, Dumont, NJ 07628 (US).
- (21) International Application Number: PCT/US01/45556 (74) Agent: **PERSLEY, Sidney**; 222 Bridge Plaza South, Fort Lee, NJ 07024 (US).
- (22) International Filing Date:
1 November 2001 (01.11.2001) (81) Designated States (*national*): BR, CA.
- (25) Filing Language: English (84) Designated States (*regional*): European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR).
- (26) Publication Language: English
- (30) Priority Data:
09/710,941 13 November 2000 (13.11.2000) US
Published:
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
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[US/US]; 222 Bridge Plaza South, For Lee, NJ 07024 (US). (88) Date of publication of the international search report:
3 October 2002
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



WO 02/038643 A3

(54) Title: SOLVENT SOLUBLE POLY(URETHANE/UREA) RESINS

(57) Abstract: Solvent based poly(urethane/urea) resins suitable for formulating flexographic and gravure laminating printing ink and coating compositions formed from a poly(urethane) prepolymer solution made from a blend of polymeric diols and diols reacted with diisocyanates and then with diamine in an organic solvent. The resin is prepared by adding the poly(urethane) prepolymer solution at a controlled rate to the diamine in an organic solvent which allows a resin solution to be formed, which may be used in the formulation of laminating printing ink and coating compositions without the need for adjuvants, grinding in polyvinyl butyral or blending with nitrocellulose base.

INTERNATIONAL SEARCH REPORT

International Classification No

PCT/US 01/45556

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08G18/08 C08G18/12 C08G18/66 C09D11/00 C09D11/10

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)

IPC 7 C08G C09D

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 practical, search terms used)

WPI Data, EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CHEMICAL ABSTRACTS, vol. 98, no. 12, March 1983 (1983-03) Columbus, Ohio, US; abstract no. 90511t, "Weatherable polyurethane compositions for artificial leathers" page 41; column 1; XP002206324 abstract & JP 57 143319 A (KURARAY) 4 September 1982 (1982-09-04) --- -/--	1,2

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- * & * document member of the same patent family

Date of the actual completion of the international search

16 July 2002

Date of mailing of the international search report

01/08/2002

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INTERNATIONAL SEARCH REPORT

International	Application No
PCT/US	01/45556

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International: ublication No

PCT/US 01/45556

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