

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
27 June 2002 (27.06.2002)

PCT

(10) International Publication Number
WO 02/050163 A3

- (51) International Patent Classification⁷: **C08G 73/02**, C12N 9/52, D21H 21/20, 17/56
- (21) International Application Number: PCT/US01/47033
- (22) International Filing Date: 7 December 2001 (07.12.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/254,439 9 December 2000 (09.12.2000) US
- (71) Applicant: **HERCULES INCORPORATED** [US/US]; Hercules Plaza, 1313 N. Market Street, Wilmington, DE 19894-0001 (US).
- (72) Inventors: **RIEHLE, Richard, J.**; 2 Deer Run Drive, Spring Valley, Wilmington, DE 19807 (US). **BUSINK, Ronald**; Weegbree 11, NL-6721 RL Bennekom (NL). **BERRI, Massimo**; Griegstraat 24, NL-3816 LV Amsterdam (NL). **STEVELS, Wim**; Weverskamp 20, NL-3848 CR Harderwijk (NL).
- (74) Agent: **ROSSI, Joanne, Mary, Fobare**; Hercules Incorporated, Hercules Plaza, 1313 N. Market Street, Wilmington, DE 19894-0001 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, 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, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**
— with international search report
- (88) Date of publication of the international search report:
3 January 2003
- 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 02/050163 A3

(54) Title: REDUCED BYPRODUCT HIGH SOLIDS POLYAMINE-EPIHALOHYDRIN COMPOSITIONS

(57) Abstract: Processes for rendering a polyamine-epihalohydrin resin storage stable, including processes that prepare a storage stable resin and/or processes that treat resins. A composition containing a polyamine-epihalohydrin resin with a solids content of at least 15 wt% treated with at least one enzymatic agent under conditions to at least one of inhibit, reduce and remove the CPD-forming species. A paper product containing the storage stable polyamine-epihalohydrin resin, when corrected for adding at about a 1 wt% addition level of the resin, contains less than about 250 ppb of CPD.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/47033

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08G73/02 C12N9/52 D21H21/20 D21H17/56

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 D21H C12N

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)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 843 763 A (BULL ALAN ET AL) 1 December 1998 (1998-12-01) cited in the application claims 1,7,10	1-47
X	WO 99 33901 A (HERCULES INC) 8 July 1999 (1999-07-08) cited in the application claims 1,2,49	1-47

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- * & * document member of the same patent family

Date of the actual completion of the international search

6 August 2002

Date of mailing of the international search report

19/08/2002

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Glanddier, A

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 01/47033

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