

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
14 December 2006 (14.12.2006)

PCT

(10) International Publication Number
WO 2006/132910 A3

(51) International Patent Classification:

C08G 18/08 (2006.01) **C09D 175/16** (2006.01)
C08G 18/67 (2006.01) **C09D 11/00** (2006.01)
C08G 18/66 (2006.01) **C08G 18/32** (2006.01)

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:

PCT/US2006/021250

(22) International Filing Date: 1 June 2006 (01.06.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/688,011 7 June 2005 (07.06.2005) US

(84) Designated States (unless otherwise indicated, for every kind of regional protection available):

ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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Declaration under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

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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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(88) Date of publication of the international search report:

1 February 2007

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

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.

(54) Title: POLYURETHANE BASED PIGMENT DISPERSANTS WHICH CONTAIN REACTIVE DOUBLE BONDS

(57) Abstract: Polymeric urethane dispersants with solubilizing polymer chains and with reactive carbon to carbon double bonds are described. The reactive double bonds facilitate molecular weight build-up of the dispersant on dispersed particles (enhancing colloidal stability) or enhance the ability of the dispersants to be crosslinked into a matrix material.



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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2006/021250

A. CLASSIFICATION OF SUBJECT MATTER
 INV. C08G18/08 C08G18/67 C08G18/66 C09D175/16 C09D11/00
 C08G18/32

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)
 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)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/156145 A1 (VAN DEN BERG KEIMPE JAN [NL] ET AL) 24 October 2002 (2002-10-24) page 1, paragraph 5 - paragraph 16 page 2, paragraph 33 - page 3, paragraph 38 page 6, paragraph 77 examples 3,9,14; tables 2,4,8	1-3, 11, 15, 17, 19-28, 33, 35
X	EP 0 424 705 A2 (BASF CORP [US]) 2 May 1991 (1991-05-02)	1-3, 6, 11, 17-21, 31-33, 35
A	page 3, line 49 - page 4, line 55 page 5, line 27 - line 49 examples 2,3	22-30

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See patent family annex.

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Date of the actual completion of the international search

9 November 2006

Date of mailing of the international search report

23/11/2006

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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2006/021250

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 762 902 A (MURPHY WALTER T [US]) 9 August 1988 (1988-08-09) example I -----	1-36
A	US 4 942 213 A (HAUBENNESTEL KARL-HEINZ [DE] ET AL) 17 July 1990 (1990-07-17) cited in the application column 19 - column 20; example 18 -----	1-36

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2006/021250

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