

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
13 September 2001 (13.09.2001)

PCT

(10) International Publication Number
WO 01/66659 A3

- (51) International Patent Classification⁷: C09D 133/00, C08L 33/04, 57/00
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- (21) International Application Number: PCT/EP01/02450
- (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, 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, US, UZ, VN, YU, ZA, ZW.
- (22) International Filing Date: 5 March 2001 (05.03.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 0005612.7 9 March 2000 (09.03.2000) GB
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, 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, GW, ML, MR, NE, SN, TD, TG).
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- Published:
— with international search report
- (88) Date of publication of the international search report: 21 March 2002
- 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 01/66659 A3

(54) Title: AQUEOUS COATING POLYMER COMPOSITIONS

(57) Abstract: Aqueous polymer composition suitable for coating which comprises the following components dispersed in water: (1) a combination of an acrylic polymer(s) (A) and an acrylic polymer(s) (B) where polymer(s) (A) has a Tg of not more than 30 °C and polymer(s) (B) has a Tg of at least 35 °C, more preferably at least 45 °C, which is at least 25 °C higher than the Tg of polymer(s) (A), and wherein one or both polymer(s) (A and B) bear crosslinker functional groups capable of imparting ambient-temperature crosslinkability to component (1) in a coating formed from the composition via the formation of non-radically-formed covalent bonds; and (2) a self-dispersible, ionically stabilised polymer having olefinically unsaturated bond functionality capable of imparting radiation-curability (preferably UV-radiation curability) thereto in a coating formed from the composition.

INTERNATIONAL SEARCH REPORT

national Application No
PCT/EP 01/02450

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C09D133/00 C08L33/04 C08L57/00

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 C08L

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, CHEM ABS Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 736 573 A (CRAY VALLEY LTD) 9 October 1996 (1996-10-09) page 1, line 7 - line 10 page 1, line 51 - line 54 page 2, line 3 - line 9 page 4, line 30 - line 38 page 4, line 48 - line 55 page 5, line 7 - line 14 claims 1-5	1-6, 15, 18, 19, 21, 28-32
A	EP 0 700 424 A (BASF LACKE & FARBEN ; NOF CORP (JP)) 13 March 1996 (1996-03-13) the whole document	1-32

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

14 September 2001

Date of mailing of the international search report

25/09/2001

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 01/02450

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