

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 November 2004 (25.11.2004)

PCT

(10) International Publication Number
WO 2004/101649 A3

(51) International Patent Classification⁷: **C08G 75/04**,
18/83, 18/67

(21) International Application Number:
PCT/NL2004/000343

(22) International Filing Date: 17 May 2004 (17.05.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
03076481.5 15 May 2003 (15.05.2003) EP
60/511,664 17 October 2003 (17.10.2003) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, 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, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(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, IT, LU, 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).

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

(88) Date of publication of the international search report:
20 January 2005

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: RADIATION CURABLE THIOL-ENE COMPOSITION

(57) Abstract: The invention relates to a curable thiol-ene composition comprising either compound A and compound B, or a compound B further comprising polythiol functionality as defined under (A), wherein (A) a polythiol, (B) a compound having a plurality of cyclic ene groups thereon, wherein said compound (B) comprises a carbonyl group directly attached to at least one cyclic ene group and comprises at least one hydrogen donating group, wherein the distance between at least one of said cyclic ene groups and at least one of said hydrogen donating groups is at least two skeletal bonds, wherein compound (B) does not contain a (meth)acrylate group, and 0-10 wt.% of a (free-radical) photoinitiator. The invention further relates to the use of such composition fiber optical coating, stereolithography resin, medical coating and adhesive.



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