(19) World Intellectual Property Organization International Bureau



) 1800 B 1010 B 1 1800 B 1010 B 1011 B 1011 B 1010 B 1

(43) International Publication Date 28 February 2002 (28.02.2002)

PCT

(10) International Publication Number WO 02/16106 A3

(51) International Patent Classification⁷: B29C 35/08, B29D 11/00, G02B 1/04, 5/04, G03F 7/09

(21) International Application Number: PCT/US01/25241

(22) International Filing Date: 10 August 2001 (10.08.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/226,697 18 August 2000 (18.08.2000) US 60/256,176 15 December 2000 (15.12.2000) US

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- (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, 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.

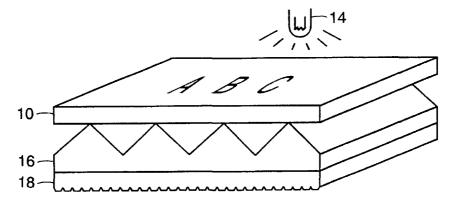
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- 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: 2 May 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.

(54) Title: DIFFERENTIALLY CURED MATERIALS AND PROCESS FOR FORMING SAME



(57) Abstract: A structure includes a layer which includes a first cured portion and a second cured portion which are formed from a same light curable material. The first cured portion is cured to a first amount, and the second cured portion is cured to a second amount. The first amount is sufficiently different than the second amount to result in a visible discontinuity on the surface of the structure. A method for forming a pattern in a radiation curable material includes providing between a radiation source and the radiation curable material, a pattern that can block a portion of the radiation from the radiation source. The material is cured with radiation from the radiation source to form a pattern in the radiation curable material.



INTERNATIONAL SEARCH REPORT

inte .ional Application No PCT/US 01/25241

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B29C35/08 B29D G02B1/04 G02B5/04 G03F7/09 B29D11/00 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) B29C B29D 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, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Category ° Citation of document, with indication, where appropriate, of the relevant passages Υ US 5 670 096 A (LU SHIH-LAI) 1,2,8, 11, 23 September 1997 (1997-09-23) 15-20,23,25,26 abstract; figure 1.4 column 2, line 37 - line 40 column 2, line 51 - line 62 column 2, line 65 -column 3, line 12 1,2,8, Υ WO 97 30604 A (SAYERS IAN CHRISTISON 11, ;SCAPA GROUP PLC (GB)) 28 August 1997 (1997-08-28) 15-20, 23, 25, 26 abstract; figure 2 page 3, line 19 - line 24 page 7, line 21 -page 8, line 12 -/--Further documents are listed in the continuation of box C. Patent family members are listed in annex. X Special categories of cited documents: "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 *A* document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-*O* document referring to an oral disclosure, use, exhibition or other means ments, such combination being obvious to a person skilled in the art. *P* document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search

Form PCT/ISA/210 (second sheet) (July 1992)

Name and mailing address of the ISA

22 February 2002

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 04/03/2002

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