

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
13 February 2003 (13.02.2003)

PCT

(10) International Publication Number
WO 03/011578 A3

(51) International Patent Classification⁷: **B29C 70/58**,
B44F 9/04, B29C 43/20

(21) International Application Number: PCT/US02/24047

(22) International Filing Date: 23 July 2002 (23.07.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09/916,605 27 July 2001 (27.07.2001) US

(71) Applicant: **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmomgton, DE 19898 (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, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, 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, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, 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 April 2003

(72) Inventors: **OVERHOLT, Allan, R.**; 5627 William Street, Lancaster, NY 14086 (US). **PAPLHAM, William, P.**; 2 Kate Land Court, Getzville, NY 14068 (US). **WEBER, Rolf, T.**; 107 North Grove Street, East Aurora, NY 14052 (US).

(74) Agent: **GOLIAN, Andrew, G.**; E.I. Du Pont De Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

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: DECORATIVE SURFACE MATERIALS HAVING A DECORATIVE PATTERN AND PROCESS FOR PREPARING THE SAME

(57) Abstract: Decorative surface material having a decorative pattern in which a combination of domains of varying sizes and colors are defined by shading variations at the interfaces of adjoining domains, the decorative pattern being provided by a process in which a flowable thermosettable molding formulation having orientable particles mixed therein is divided into fragments which are mixed together, the mixture is fed into a hot mold and pressure is applied to form the solid surface material.



WO 03/011578 A3