

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

162162

(43) International Publication Date
22 August 2002 (22.08.2002)

PCT

(10) International Publication Number
WO 02/064377 A1(51) International Patent Classification⁷: **B41M 5/38**

(21) International Application Number: PCT/US01/19582

(22) International Filing Date: 19 June 2001 (19.06.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
09/780,225 9 February 2001 (09.02.2001) US(71) Applicant: **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).(72) Inventors: **STOFKO, John, J.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **HENDRICKSON, Mark**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **O'REILLY, Michael, G.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **CHOU, Hsin Hsin**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **SEVERANCE, Richard**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).(74) Agents: **FISCHER, Carolyn, A.** et al.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).(81) Designated States (*national*): AE, AG, AL, AM, AT (utility model), AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), DE (utility model), DK (utility model), DM, DZ, EC, EE (utility model), ES, FI (utility model), 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 (utility model), 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, GW, ML, MR, NE, SN, TD, TG).**Published:**

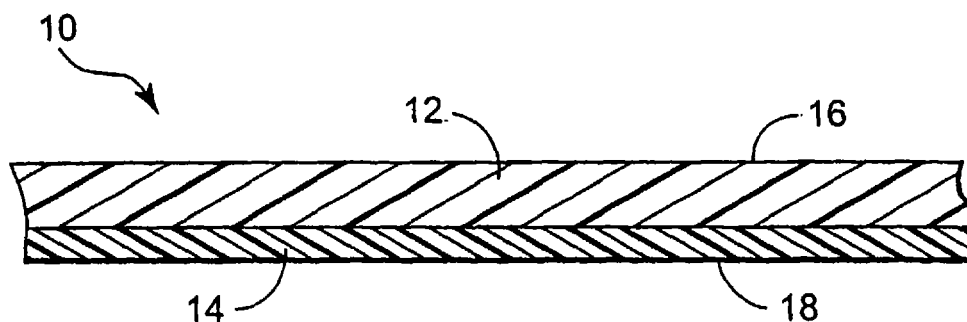
— with international search report

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.



G00002

(54) Title: THERMALLY TRANSFERABLE COMPOSITIONS AND METHODS



(57) Abstract: A photocurable thermally transferable composition containing a multifunctional monomer that is substantially non-liquid at room temperature and a thermoplastic binder is disclosed. The composition is suitable for use in thermal transfer ribbons. After thermal transfer, the compositions are photocured to provide a durable, weatherable image on a graphic article.

WO 02/064377 A1