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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
28 June 2007 (28.06.2007)

PCT

(10) International Publication Number
WO 2007/073520 A3

(51) International Patent Classification:
C08J 5/18 (2006.01) *B32B 27/08* (2006.01)
B32B 17/10 (2006.01) *C08L 23/08* (2006.01)

(21) International Application Number:
PCT/US2006/061011

(22) International Filing Date:
17 November 2006 (17.11.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/289,151 29 November 2005 (29.11.2005) US

(71) Applicant *(for all designated States except US)*: **SOLUTIA INCORPORATED** [US/US]; 575 Maryville Centre Drive, St. Louis, Missouri 63141 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **CHEN, Wenjie** [CN/US]; 40 Kestrel Lane, Amherst, Massachusetts 01002 (US). **KARAGIANNIS, Aristotelis** [GR/US]; 195 Wildflower Drive, Amherst, MA 01002 (US).

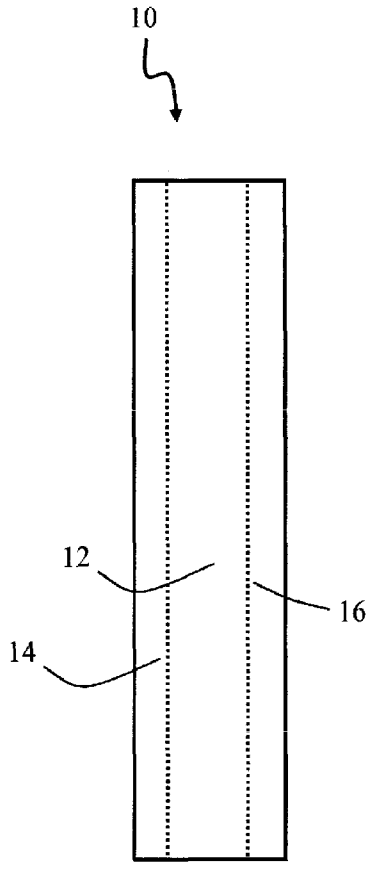
(74) Agent: **BRENC, Andrew**; P.O. Box 155, Albion, Pennsylvania 16401-0155 (US).

(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, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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, IS, IT, LT, LU, LV, 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).

[Continued on next page]

(54) Title: POLYMER INTERLAYERS COMPRISING ETHYLENE-VINYL ACETATE COPOLYMER



(57) Abstract: The present invention is in the field of polymer interlayers used in multiple layer glass panels, and specifically the present invention is in the field of polymer interlayers comprising a polymer sheet comprising an ethylene-vinyl acetate copolymer.

WO 2007/073520 A3

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 September 2007

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.