

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
21 June 2007 (21.06.2007)

PCT

(10) International Publication Number  
**WO 2007/070747 A3**

(51) International Patent Classification:  
*C08K 3/10* (2006.01) *C08J 5/18* (2006.01)  
*C08K 3/38* (2006.01)

(21) International Application Number:  
PCT/US2006/061539

(22) International Filing Date:  
2 December 2006 (02.12.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
11/300,239 14 December 2005 (14.12.2005) 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, 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).

**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:  
30 August 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.

(54) Title: POLYMER FILMS COMPRISING STABILIZED INFRARED ABSORBING AGENTS

(57) Abstract: The present invention includes polymer films that comprise lanthanum hexaboride and an epoxy agent. The lanthanum hexaboride and epoxy agent can be incorporated into or onto a polymer film in any suitable manner. The addition of an epoxy agent surprisingly provides a stabilization effect to the lanthanum hexaboride, which allows for the production of polymer films that advantageously absorb infrared radiation and resist environmental degradation. Polymer films thus produced have a significant number of applications, for example, but not limited to, display devices, protective coverings, and glazing film applications.



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