

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
15 January 2004 (15.01.2004)

PCT

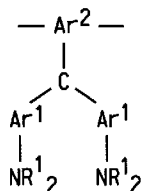
(10) International Publication Number
WO 2004/006354 A2

- (51) International Patent Classification⁷: **H01L 51/30**, C08G 61/12, 61/00
- (21) International Application Number: PCT/US2003/021613
- (22) International Filing Date: 9 July 2003 (09.07.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/394,767 10 July 2002 (10.07.2002) US
60/458,277 28 March 2003 (28.03.2003) US
- (71) Applicant: **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
- (72) Inventors: **HERRON, Norman**; 408 Apple Road, Newark, DE 19711 (US). **RADU, Nora, S.**; 109 Stoney Ridge Road, Landenberg, PA 19350 (US). **SMITH, Eric, Maurice**; 103 West Sutton Place, Wilmington, DE 19810 (US).
- (74) Agent: **CAPRIA, Mary, Ann**; E.I. Du Pont De Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (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, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

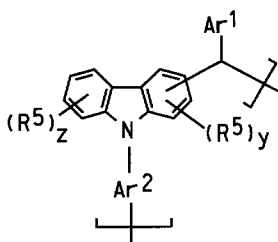
[Continued on next page]

(54) Title: POLYMERIC CHARGE TRANSPORT COMPOSITIONS AND ELECTRONIC DEVICES MADE WITH SUCH COMPOSITIONS

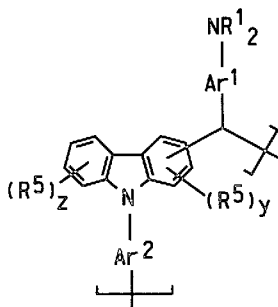
A



B



C



(57) Abstract: The present invention relates to polymeric charge transport compositions. The invention further relates to electronic devices in which there is at least one active layer comprising such charge transport compositions.

WO 2004/006354 A2



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, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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.

Published:

- *without international search report and to be republished upon receipt of that report*