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INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C07C 22/08, 15/54, 13/567, 43/285, C08G 61/00		A1	(11) International Publication Number: WO 97/10193 (43) International Publication Date: 20 March 1997 (20.03.97)
(21) International Application Number: PCT/US96/14427 (22) International Filing Date: 11 September 1996 (11.09.96) (30) Priority Data: 60/003,629 12 September 1995 (12.09.95) US (71) Applicant: THE DOW CHEMICAL COMPANY [US/US]; 2030 Dow Center, Midland, MI 48674 (US). (72) Inventors: BABB, David, A.; 313 Narcissus Street, Lake Jackson, TX 77566 (US). SMITH, Dennis, W., Jr.; 4607 Pleasant Trail, Fresno, TX 77545 (US). MARTIN, Steven, J.; 3019 Scarborough Lane, Midland, MI 48640 (US). GODSCHALX, James, P.; 2205 Plymouth, Midland, MI 48642 (US). (74) Agent: SHEPHERD, Philip, D.; The Dow Chemical Company, Patent Dept., P.O. Box 1967, Midland, MI 48641-1967 (US).			(81) Designated States: BR, CA, CN, JP, KR, MX, NO, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report.
(54) Title: ETHYNYL SUBSTITUTED AROMATIC COMPOUNDS, SYNTHESIS, POLYMERS AND USES THEREOF			
(57) Abstract Compounds of ethynyl aromatic com- pounds having structure (I), wherein each Ar is an aromatic group of inertly-substituted aromatic group; each R is independently hydrogen, an alkyl, aryl or inertly-substituted alkyl or aryl group; L is a covalent bond or a group which links one Ar to at least one other Ar; n and m are integers of at least 2; and q is an integer of at least 1, form polymers which have high thermal stability. The monomers are useful for coating a wide variety of substances such as dielectric coatings where high thermal resistance is desirable including electronic components such as computer chips.			

