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(21) International Application Number: PCT/US99/31028 (22) International Filing Date: 23 December 1999 (23.12.99) (30) Priority Data: 09/252,296 18 February 1999 (18.02.99) US (71) Applicants: JOHNSON & JOHNSON VISION PRODUCTS, INC. [US/US]; 5568 Airport Road, Roanoke, VA 24012 (US). VIRGINIA TECH INTELLECTUAL PROPERTIES, INC. [US/US]; 1872 Pratt Drive, Blacksburg, VA 24060 (US). (72) Inventors: SEKHARIPURAM, Venkateshwaran, N.; 6711 Peters Creek Road, Roanoke, VA 24019 (US). BHATNAGAR, Atul; 6701 Peters Creek Road, Roanoke, VA 24019 (US). MECHAM, Beverly, Sue; Blacksburg, VA 24061 (US). MCGRATH, James, E.; Blacksburg, VA 24061 (US). (74) Agents: LESSLER, Jay, P. et al.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).		(81) Designated States: AU, BR, CA, CN, IL, JP, KR, MX, RU, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>
(54) Title: MELT POLYMER SYNTHESIS OF POLY ETHER PHOSPHINE OXIDES (57) Abstract A melt polymerization method for producing poly(arylene ethers phosphine oxide)s suited to optical applications comprising reacting a trimethyl silyl derivative of bisphenol and an activated aromatic dihalide, wherein either reactant is a phosphine oxide, is provided.		