

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

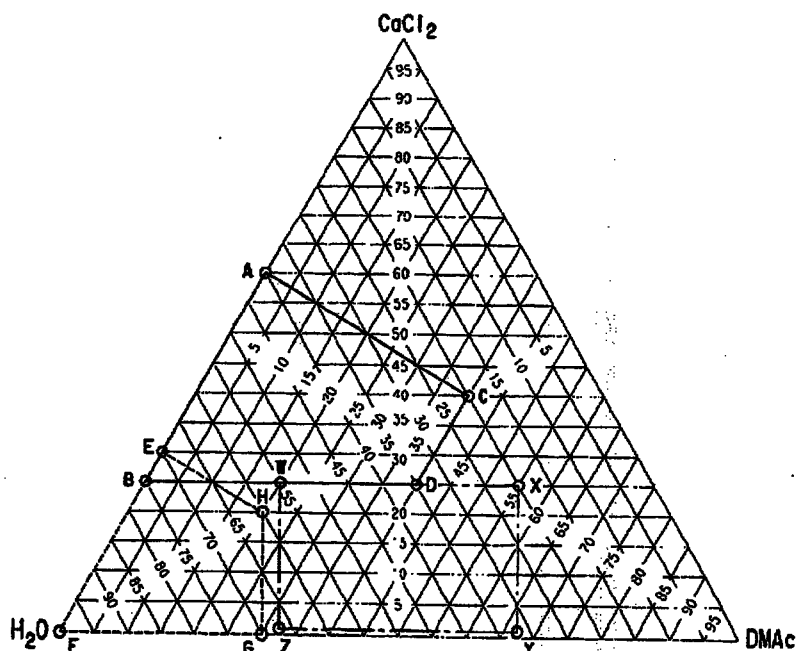


9805745-8
IP 08

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification⁶ : D01D 5/06, D01F 6/60	A1	(11) International Publication Number: WO 97/44507 (43) International Publication Date: 27 November 1997 (27.11.97)
(21) International Application Number: PCT/US97/07957 (22) International Filing Date: 9 May 1997 (09.05.97) (30) Priority Data: 08/651,174 21 May 1996 (21.05.96) US (71) Applicant: E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US). (72) Inventors: TAI, Tsung-Ming; 11820 Glendevon Terrace, Chesterfield, VA 23838 (US). RODINI, David, J.; 1401 Lady Ashley Court, Midlothian, VA 23113 (US). MAS- SON, James, C.; 527 Kemp Road, Mooresville, NC 28115 (US). LEONARD, Richard, L.; 4308 Willow Bend Road, Decatur, AL 35603 (US). (74) Agent: TULLOCH, Rebecca, W.; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).		(81) Designated States: AM, AU, AZ, BR, BY, CA, CN, KG, KR, KZ, MD, MX, RU, SG, TJ, TM, UA, Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>

(54) Title: **WET SPINNING PROCESS FOR ARAMID POLYMER CONTAINING SALTS AND FIBER PRODUCED FROM THIS PROCESS**



(57) Abstract

A process for wet spinning a meta-aramid polymer solutions having a salt content of at least 3 percent by weight produces a one step, fully wet drawable fiber that has desirable physical properties without subjecting the fiber to hot stretching.