

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : D01D 5/098, 7/00		A1	(11) International Publication Number: WO 99/27166
			(43) International Publication Date: 3 June 1999 (03.06.99)
(21) International Application Number: PCT/US98/18763 (22) International Filing Date: 9 September 1998 (09.09.98) (30) Priority Data: 60/066,275 20 November 1997 (20.11.97) US 09/149,151 8 September 1998 (08.09.98) US (71) Applicant: CONOCO INC. [US/US]; 1000 South Pine Street, Ponca City, OK 74602-1267 (US). (72) Inventors: RODGERS, John, A.; 424 Riverview Drive, Dayton, TN 37321 (US). ROSSILLON, Daniel, F.; 9 Prentice Lane, Signal Mountain, TN 37377 (US). ROSS, Roger, A.; 1074 Engel Avenue, Chattanooga, TN 37421 (US). (74) Agents: HALL, William, D. et al.; Conoco Inc., 1000 South Pine Street, Ponca City, OK 74602-1267 (US).			(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>

(54) Title: **PROCESS AND APPARATUS FOR COLLECTING CONTINUOUS BLOW SPUN FIBERS**

(57) Abstract

The present invention provides a process and apparatus (10) for blow spinning continuous fibers. The process utilizes a blow spinning die (20) and a tensioning device (40) to preclude slack in the fiber. The present invention also provides fiber products which utilizes continuous fibers prepared by a blow spinning process.

