

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau


INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁵: C09K 5/04, 3/30, C08J 9/14	A3	(11) International Publication Number: WO 93/01152 (43) International Publication Date: 21 January 1993 (21.01.93)
(21) International Application Number: PCT/US92/05445 (22) International Filing Date: 2 July 1992 (02.07.92) (30) Priority data: 725,475 3 July 1991 (03.07.91) US (71) Applicant: E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US). (72) Inventors: SHIFLETT, Mark, Brandon ; 609 5th Street, Newark, DE 19711 (US). YOKOZEKI, Akimichi ; 109C Congressional Drive, Greenville, DE 19807 (US). BORCHARDT, HANS, J. ; R.D. 1, Box 420, Townsend, DE 19734 (US).	(74) Agents: WALKER, P., Michael et al.; E.I. du Pont de Nemours and Company, Legal/Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US). (81) Designated States: AU, BR, CA, JP, KR, RU, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, MC, NL, SE). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> (88) Date of publication of the international search report: 15 April 1993 (15.04.93)	
(54) Title: AZEOTROPIC OR AZEOTROPE-LIKE COMPOSITIONS OF PENTAFLUOROETHANE AND PROPANE OR ISOBUTANE (57) Abstract Constant boiling azeotropic or azeotrope-like composition of pentafluoroethane and propane or isobutane are disclosed that are useful as refrigerants, aerosol propellants, heat transfer media, gaseous dielectrics, fire extinguishing agents, expansion agents for poly-olefins and polyurethanes and as power cycle working fluids.		

RECEIVED

APR 30 1993

PCT

PCT

21-01-93

2001 07154