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<p>(21) International Application Number: PCT/US96/14734 (22) International Filing Date: 13 September 1996 (13.09.96) (30) Priority Data: 08/530,649 20 September 1995 (20.09.95) US (71) Applicant: ALLIEDSIGNAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US). (72) Inventors: CLEMMER, Paul, Gene; 128 Royal Parkway West, Williamsville, NY 14221 (US). SMITH, Addison, Miles; 80 Berryman Drive, Amherst, NY 14226 (US). TUNG, Hsueh, Sung; 16 Vassar Drive, Getzville, NY 14068 (US). BASS, John, Stephen; 327 Greengage Circle, East Amherst, NY 14051 (US). (74) Agent: CRISS, Roger, H.; AlliedSignal Inc., Law Dept. (C.A. McNally), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).</p>		<p>(81) Designated States: AL, AU, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LK, LR, LT, LV, MG, MK, MN, MW, MX, NO, NZ, PL, RO, SD, SG, SI, SK, TR, TT, UA, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), 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), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p>Published <i>With international search report.</i></p>
<p>(54) Title: PROCESS FOR THE PRODUCTION OF DIFLUOROMETHANE (57) Abstract The present invention provides a vapor phase process for the production of difluoromethane, HFC-32. The process of this invention provides for the preparation of HFC-32 by a process that exhibits both good product yield and selectivity.</p>		