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(21) International Application Number: PCT/US96/02572 (22) International Filing Date: 27 February 1996 (27.02.96) (30) Priority Data: 08/398,323 3 March 1995 (03.03.95) US (71) Applicant: MONSANTO COMPANY [US/US]; 800 North Lindbergh Boulevard, St. Louis, MO 63167 (US). (72) Inventor: MARTIN, David, Albert; 1368 Forest Splendor, Ballwin, MO 63021 (US). (74) Agent: PASSLEY, Paul, Leonard; Monsanto Company, 800 North Lindbergh Boulevard, St. Louis, MO 63167 (US).		(81) Designated States: AL, AU, AZ, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KG, KR, KZ, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG , SI, SK, TJ, TM, 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, 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). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: PRODUCTION OF POLYSUCCINIMIDE IN AN ORGANIC MEDIUM (57) Abstract There is disclosed a process for preparing polysuccinimides by the thermal condensation of amino acids such as L-aspartic acid in high boiling organic reaction medium whereby a polymer is provided having highly desirable color characteristics. The organic medium is selected from high boiling alkyl alcohols having from 7 to 14 carbon atoms such as isodecanol and high boiling alkanes having from 10 to 20 carbon atoms such as dodecane. The organic medium can be employed in conjunction with acid catalysts for the condensation reaction and can be easily recovered for reuse with little or no need for purification.		