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(21) International Application Number: PCT/EP98/04939 (22) International Filing Date: 9 July 1998 (09.07.98) (30) Priority Data: 97202213.1 16 July 1997 (16.07.97) EP (71) Applicant (for all designated States except US): AKZO NOBEL N.V. [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL). (72) Inventors; and (75) Inventors/Applicants (for US only): VAN HOUDENHOVEN, Francois, Egbert, Abraham [NL/NL]; 't Dorp 147, NL-5384 ME Heesch (NL). SANDERS, Adriaanus, Lambertus, Maria [NL/NL]; Steeuwichtweg 8, NL-5406 PP Uden (NL). VAN ZUTPHEN, Petrus, Johannes, Josephus [NL/NL]; Jekschotstraat 20, NL-5465 PG Veghel (NL). (74) Agent: KRAAK, H.; P.O. Box 20, NL-5340 BH Oss (NL).		(81) Designated States: AL, AU, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, 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> <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>
(54) Title: PROCESS FOR THE PRODUCTION OF HEPARIN (57) Abstract The invention relates to a simplified process for the extraction of heparin from animal mucosa tissue. The method consists of an enzymatic hydrolysis step of the raw material at ambient temperature, followed by hydrolysis for up to 6 hours at a temperature of 50-75 °C. Raise in temperature is obtained by easy means. The digestion mixture can be further incubated while cooling down to ambient temperature. Heparin is recovered from anion exchanger present in the protein hydrolysate.		