

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International patent classification⁶: C07D 307/00	A2	(11) International publication number: WO 99/07691 (43) International publication date: 18 February 1999 (18.02.99)
(21) International application number: PCT/EP98/04649 (22) International filing date: 24 July 1998 (24.07.98) (30) Data relating to the priority: 197 34 086.5 7 August 1997 (07.08.97) DE (71) Applicant (for all designated States except US): MERCK PATENT GMBH [DE/DE]; Frankfurter Strasse 250, D-64293 Darmstadt (DE). (72) Inventors; and (75) Inventors/Applicants (US only): FECHTEL, Ulrich [DE/DE]; Postdamer Strasse 62, D-64372 Ober- Ramstadt (DE). BESCHMANN, Klaus [DE/DE]; Hinter der Mühle 15, D-64354 Reinheim (DE). HEINZ, Wolfgang [DE/DE]; Thodor-Storm-Weg 38, D-62625 Bensheim (DE). KUHN, Walter [DE/DE]; Stauffenbergstrasse 8, D-63741 Aschaffenburg (DE). (74) Joint Representative: MERCK PATENT GMBH; D-64271 Darmstadt (DE).		(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, 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, US, 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>Without the International Search Report and to be republished once the report has been received.</i>
As printed (54) Title: PROCESS FOR PREPARING L-ASCORBIC ACID (54) Bezeichnung: VERFAHREN ZUR HERSTELLUNG VON L-ASCORBINSÄURE (57) Abstract A process is disclosed for preparing L-ascorbic acid by reaction of 2-keto-L-gulonic acid with concentrated mineral acid at temperatures of between 40 and 80 °C. (57) Zusammenfassung Verfahren zur Herstellung von L-Ascorbinsäure durch Umsetzung von 2-Keto-L-Gulonsäure mit konzentrierter Mineralsäure bei Temperaturen zwischen 40 und 80°C.		