

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
29 November 2001 (29.11.2001)

PCT

(10) International Publication Number:
WO 01/90062 A2

(51) International Patent Classification⁷: **C07D**

(21) International Application Number: PCT/EP01/05923

(22) International Filing Date:
23 May 2001 (23.05.2001)

(25) Filing Language: German

(26) Publication Language: German

(30) Priority Data:
100 25 700.3 26 May 2000 (26.05.2000) DE

(71) Applicant (for all designated States except US): **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **FABIAN, Kai** [DE/DE]; Oberer Langerain 13, 69259 Wilhelmsfeld (DE). **ENKE, Steffen** [DE/DE]; Am Anker 2, 68535 Neckarhausen (DE). **TILLY, Herbert** [DE/DE]; An der Pfeffermühle 5, 64319 Pfungstadt (DE).

(74) Joint Representative: **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(81) Designated states (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated states (regional): ARIPO Patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, 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, TR), OAPI Patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— Without international search report and to be republished upon receipt of that report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR THE PREPARATION OF TRIFLUOROETHOXY-SUBSTITUTED BENZOIC ACIDS

(57) Abstract: The invention relates to a process for the preparation of trifluoroethoxy-substituted benzoic acids by reaction of a correspondingly halogenated benzoic acid with trifluoroethanol in the solvent tetrahydrofuran, in the presence of a base and a copper salt and subsequent acidic work-up..



162162



G00002