

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
22 January 2004 (22.01.2004)

PCT

(10) International Publication Number
WO 2004/007452 A1

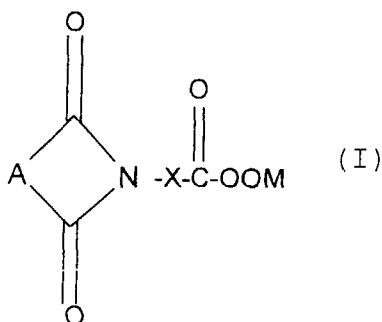
- (51) International Patent Classification⁷: **C07D 209/48**, C11D 3/28
- (74) Agents: **SAMA, Daniele** et al.; Sama Patents, Via G.B. Morgagni 2, I-20129 Milano (IT).
- (21) International Application Number: PCT/EP2003/007303
- (81) Designated States (*national*): AE, AG, AL, AU, BA, BB, BR, BZ, CA, CN, CO, CR, CU, DM, DZ, EC, GD, GE, HR, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, NO, NZ, OM, PH, PL, SG, TN, TT, UA, US, UZ, VN, YU, ZA.
- (22) International Filing Date: 8 July 2003 (08.07.2003)
- (25) Filing Language: English
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (26) Publication Language: English
- (30) Priority Data:
MI2002 A 001537 12 July 2002 (12.07.2002) IT
- (71) Applicant (*for all designated States except US*): **SOLVAY SOLEXIS S.P.A.** [IT/IT]; Via Turati 12, I-Milano (IT).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **BIANCHI, Ugo**, Piero [IT/IT]; Via Prato Santo 26, I-37100 Verona (IT). **GARAFFA, Roberto** [IT/IT]; Via M. Melloni 28, I-20129 Milano (IT).

Published:

— with international search 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: CRYSTALLINE FORMS OF IMIDOALKANPERCARBOXYLIC ACIDS



(57) Abstract: Imidoalkancarboxylic acids of formula (I) are described, wherein A, X and M are as defined in the application, said acids being in a crystalline form which in contact with water gives rise to crystals having sizes lower than 30 micron.