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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
24 January 2002 (24.01.2002)

PCT

(10) International Publication Number
WO 02/06802 A2

(51) International Patent Classification[7]: G01N 23/20

(21) International Application Number: PCT/NL01/00541

(22) International Filing Date: 13 July 2001 (13.07.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
00202500.5 13 July 2000 (13.07.2000) EP

(71) Applicants *(for all designated States except US)*: **UNIVERSITEIT LEIDEN** [NL/NL]; Rapenburg 70, NL-2300 RA Leiden (NL). **AVANTIUM TECHNOLOGIES B.V.** [NL/NL]; Zekeringstraat 29, NL-1014 BV Amsterdam (NL).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **KUIL, Maxim, Emile** [NL/NL]; Uffizilaan 21, NL-1064 WJ Amsterdam (NL). **HOEDEMAEKER, Philippus, Jacobus** [NL/NL]; Treilerstraat 132, NL-1503 JL Amsterdam (NL). **ABRAHAMS, Jan, Pieter** [NL/NL]; Zilverschoontuin 2, NL-2317 Leiden (NL). **MAXWELL, Ian, Ernest** [NZ/NL]; Charlotte de Bourbonlaan 27, NL-2082 BH Santpoort-Zuid (NL). **PLAISIER, Jasper, Rikkert** [NL/NL]; Anthony Fokkerweeg 97, NL-2316 ZG Leiden (NL).

(74) Agent: **PRINS, A., W.**; c/o Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).

(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, 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.*

WO 02/06802 A2

(54) Title: SCREENING CRYSTALLISATION CONDITIONS OF ORGANIC COMPOUNDS

(57) Abstract: A method for identifying crystallisation conditions for at least one analyte, comprising the provision of a set of compositions each said composition comprising at least one analyte, and inducing or allowing each composition to adopt at least a first condition possibly influencing crystallisation and detecting any crystallisation in at least one composition.