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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
27 May 2004 (27.05.2004)

PCT

(10) International Publication Number
WO 2004/044247 A3

(51) International Patent Classification[7]: C12Q 1/68

(21) International Application Number:
PCT/IB2003/005312

(22) International Filing Date:
3 November 2003 (03.11.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/425,327 12 November 2002 (12.11.2002) US

(71) Applicant *(for all designated States except US)*: **GENOLIFE** [FR/FR]; Biopole Clermont Limagne, Saint Beauzire, F-63360 Gerzat (FR).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **CHAUBRON, Franck** [FR/FR]; 6, Allée de la Fontoune, F-63400 Chamalières (FR). **MARTIN-MINVIELLE, Anne, Céline** [FR/FR]; 61, rue des Gravouses, F-63400 Chamalières (FR). **GROULON, Sophie** [FR/FR]; 1, Impasse Edouard Branly, F-63800 Cournon D'Auvergne (FR).

(74) Agents: **MARTIN, Jean-Jacques** et al.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, 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, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(regional)*: ARIPO patent (BW, 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).

Published:
— *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
26 August 2004

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: ONE STEP REAL-TIME RT PCR KITS FOR THE UNIVERSAL DETECTION OF ORGANISMS IN INDUSTRIAL PRODUCTS

(57) Abstract: This invention is related to a novel sample preparation, probes, couple primer sets for one step real time reverse transcriptase polymerise chain reaction (RT-PCR), methods and kits for the universal detection of alive bacteria and/or fungus-yeast in pharmaceutical, cosmetic and non clinical samples.

WO 2004/044247 A3