28/03/03
200301542 7

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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
13 June 2002 (13.06.2002)

PCT

(10) International Publication Number
WO 02/46739 A1

(51) International Patent Classification[7]: G01N 30/88

(21) International Application Number: PCT/IN00/00123

(22) International Filing Date: 8 December 2000 (08.12.2000)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant *(for all designated States except US)*: **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860), Rafi Marg, New Delhi 110 001 (IN).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **DADALA, Vijaya, Kumar** [IN/IN]; The Indian Institute of Chemical Technology, Hyderabad, Andhra Pradesh 500 007 (IN). **RAGHAVAN, Kondapuram, Vijaya** [IN/IN]; The Indian Institute of Chemical Technology, Hyderabad, Andhra Pradesh 500 007 (IN).

(74) Agent: **GABRIEL, Devadoss, Calab**; Kumaran & Sagar, 84-c, C-6 Lane, Sainik Farms, New Delhi 110 062 (IN).

(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, 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:
— *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.

162162

ACTION

WO 02/46739 A1

(54) Title: A NOVEL METHOD FOR CHROMATOGRAPHIC FINGER PRINTING AND STANDARDIZATION OF SINGLE MEDICINES AND FORMULATIONS

(57) Abstract: The present invention provides a method for the chromatographic fingerprinting, chemical and therapeutic standardization, bar-coding of the fingerprints and preparation of a data base for Enterprise Resource Planning (ERP) and Customer Relationship Management (CRM) machines and applications of medicines in general and traditional medicines in particular; this invention includes a software based instrumental method and a novel method of fingerprinting and standardization is proposed for the above purpose and the said method for the chromatographic finger printing which facilitates to correlate the traditional therapeutic standardization methods with the chemical properties of the medicines and humors and provides a rational basis to understand the methods used for the said purpose.