

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
17 February 2011 (17.02.2011)

(10) International Publication Number
WO 2011/018793 A1

(51) International Patent Classification:

A61K 31/353 (2006.01) *A61K 36/48* (2006.01)
A61K 36/54 (2006.01) *A61K 36/77* (2006.01)
A61P 31/16 (2006.01) *A61P 31/18* (2006.01)

(21) International Application Number:

PCT/IN2009/000519

(22) International Filing Date:

23 September 2009 (23.09.2009)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

01857/MUM/2009 11 August 2009 (11.08.2009) IN

(71) Applicant (*for all designated States except US*): **INDUS BIOTECH PRIVATE LIMITED** [IN/IN]; 1, Rahul Residency, Plot Nos.6&7, Off Salunke Vihar Road, Kondhwa, Pune 411 048, Maharashtra (IN).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **BHASKARAN, Sunil** [IN/IN]; No.12, Anchor Haven Apartments, Opp. SRP Gate 2, Wahorie, Pune 411 040, Maharashtra (IN). **VISHWARAMAN, Mohan** [IN/IN]; No.8, Suman Park Apartments, Gananjay Society, Gandhibhavan Road, Kothrud, Pune 411 029, Maharashtra (IN).

(74) Agents: **GUPTA, Maram, Suresh** et al.; K&S Partners, #1421/B, 6th Cross, 19A Main, HAL II Stage [Extension], Bangalore 560 038, Karnataka (IN).

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

— *of inventorship (Rule 4.17(iv))*

Published:

— *with international search report (Art. 21(3))*



WO 2011/018793 A1

(54) Title: A NOVEL STANDARDIZED COMPOSITION, METHOD OF MANUFACTURE AND USE IN THE RESOLUTION OF RNA VIRUS INFECTION

(57) Abstract: The present disclosure is in relation to antiviral preparations obtained from plant sources namely Cinnamon, Litchi and Arachis. It provides a composition and a process to prepare the composition comprising pentameric procyanidin flavonoid, trimers and tetramers. The composition improves immunity response and found to be useful in treatment and management of HIV infection and AIDS and for the prevention, treatment and management of Influenza virus and infection.