



(51) International Patent Classification:

A61K 36/062 (2006.01) *A61K 31/202* (2006.01)
A61K 36/899 (2006.01) *A61K 31/205* (2006.01)
A61K 31/045 (2006.01) *A61K 31/4415* (2006.01)
A61K 31/05 (2006.01) *A61K 31/714* (2006.01)
A61K 31/122 (2006.01)

(21) International Application Number:

PCT/EP2012/057428

(22) International Filing Date:

24 April 2012 (24.04.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

11164526.3 3 May 2011 (03.05.2011) EP

(71) Applicant (*for all designated States except US*): **SIGMA-TAU Industrie Farmaceutiche Riunite S.p.A.** [IT/IT]; Viale Shakespeare, 47, I-00144 Rome (IT).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **KOVERECH, Aleardo** [IT/IT]; Via Aurelia Antica, 200, I-00165 Rome (IT). **VIRMANI, Ashraf** [GB/IT]; Via del Pometo, 32/34, I-00040 Ariccia (IT).

(74) Agent: **TAGLIAFICO, Giulia**; C/O SIGMA-TAU Industrie Farmaceutiche Riunite S.p.A., Via Pontina, km 30, 400, I-00040 Pomezia (RM) (IT).

(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, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, 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, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

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

(54) Title: COMPOSITION USEFUL FOR THE TREATMENT OF LIPID METABOLISM DISORDERS

(57) Abstract: The present invention relates to a composition useful for the treatment of lipid metabolism disorders, comprising one or more of the following active ingredients: (a) extract of rice fermented with *Monascus purpureus*, (b) at least one omega-3 fatty acid, (c) L-carnitine or a salt thereof; and one or more of the following active ingredients: (d) at least one policosanol or a natural extract containing policosanols; (e) resveratrol or a natural extract containing resveratrol; (f) Coenzyme Q10; and (g) at least one vitamin.

