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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
28 January 2010 (28.01.2010)

PCT

(10) International Publication Number
WO 2010/010470 A3

(51) International Patent Classification:
A61K 31/137 (2006.01) *A61K 47/44* (2006.01)
A61K 9/107 (2006.01) *A61K 9/00* (2006.01)
A61K 47/24 (2006.01)

(21) International Application Number:
PCT/IB2009/006742

(22) International Filing Date:
23 July 2009 (23.07.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

61/083,115	23 July 2008 (23.07.2008)	US
61/102,111	2 October 2008 (02.10.2008)	US
61/150,187	5 February 2009 (05.02.2009)	US
61/168,122	9 April 2009 (09.04.2009)	US

(71) Applicant *(for all designated States except US)*: **TDT, LTD** [MT/MT]; Palazzo Pietro Stiges, 90 Strait Street, Valleta (MT).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **CEVC, Gregor** [DE/DE]; Tassilostrasse 3, D-Gauting (DE). **VIERL, Ulrich** [DE/DE]; Milbertshofenerstrasse 52, D-80807 Munchen (DE).

(74) Agents: **WEBER, Martin** et al.; Jones Day, Prinzregentenstrasse 11, 80538 München (DE).

(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).

Published:

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

(88) Date of publication of the international search report:
18 March 2010

WO 2010/010470 A3

(54) Title: METHODS OF ADMINISTERING TOPICAL ANTIFUNGAL FORMULATIONS FOR THE TREATMENT OF FUNGAL INFECTIONS

(57) Abstract: The present invention relates to topical antifungal formulations comprising one or more antifungal (e.g., terbinafme), a lipid and a surfactant, and uses thereof for the treatment of skin and nail fungal infections.