



(51) International Patent Classification:

A61K 8/27 (2006.01) *A61Q 11/00* (2006.01)
A61K 8/35 (2006.01)

(21) International Application Number:

PCT/EP2012/055720

(22) International Filing Date:

29 March 2012 (29.03.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

11160953.3 4 April 2011 (04.04.2011) EP

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(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))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) Date of publication of the international search report:

3 October 2013

(54) Title: ORAL CARE COMPOSITIONS

(57) Abstract: The invention provides an oral care composition comprising a coordination complex in which a metal cation, preferably zinc, is complexed to one or more ligands which are derived from one or more curcumin compounds, preferably curcumin, demethoxycurcumin, and bis-demethoxycurcumin. Such metal complexes have been found to be particularly effective in suppressing the activity of microbes found in the oral cavity.



INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2012/055720

A. CLASSIFICATION OF SUBJECT MATTER
INV. A61K8/27 A61K8/35 A61Q11/00
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61K A61Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Week 201124 Thomson Scientific, London, GB; AN 2011-A46385 XP002668677, & CN 101 904 835 A (GUANGDONG ZHONGDA GREENFIELD BIO-TECH CO) 8 December 2010 (2010-12-08) abstract	1-7
X	----- WO 2007/105071 A2 (SCHARPER S P A [IT]; MARTELLI LAURA [IT]; MARTELLI MARIO [IT]) 20 September 2007 (2007-09-20) Test 2; page 4, line 15 - line 23; examples 1,3,4 ----- -/-	1-5



Further documents are listed in the continuation of Box C.



See patent family annex.

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Date of the actual completion of the international search

6 August 2013

Date of mailing of the international search report

14/08/2013

Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2012/055720

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KULANDAISAMY A ET AL: "Synthesis, spectral, redox and biological screening studies of schiff base copper(II), nickel(II), cobalt(II), oxovanadium(II) and zinc(II) complexes derived from curcumin and 4-aminoantipyrine", POLISH JOURNAL OF CHEMISTRY, POLSKIE TOWARZYSTWO CHEMICZNE, PL, vol. 82, no. 3, 1 January 2008 (2008-01-01), pages 469-480, XP009155991, ISSN: 0137-5083 page 478, line 29 - page 479, line 12; table 3 -----	1,3-5,7
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A	WO 2008/042944 A2 (UNIV COLUMBIA [US]; MODAK SHANTA M [US]) 10 April 2008 (2008-04-10) example 6 -----	1-7

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2012/055720

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