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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, 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.

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

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- with international search report (Art. 21(3))
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[Continued on next page]

- (54) **Title:** COMPOSITIONS COMPRISING TOPICAL DPD INHIBITORS AND METHODS OF USING SAME IN THE TREATMENT OF HAND-FOOT SYNDROME

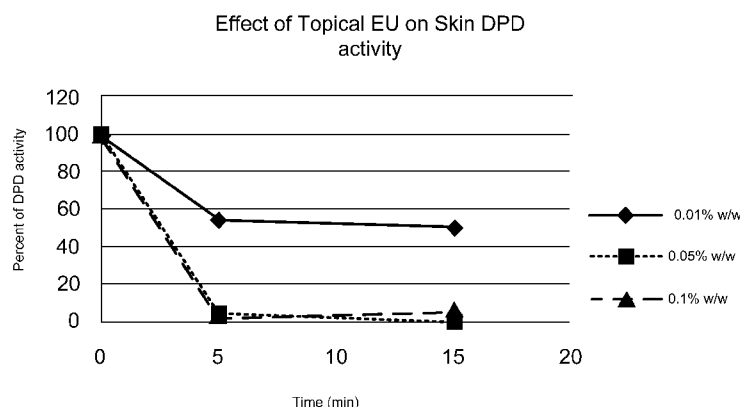


FIG. 5

- (57) **Abstract:** Topical formulations comprising inhibitors of dihydropyrimidine dehydrogenase (DPD), thymidine phosphorylase (TP) and/or uridine phosphorylase (UP) enzyme inhibitors are provided for the treatment of hand-foot syndrome (HFS) in cancer patients undergoing treatment with 5-FU and 5-FU prodrugs.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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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

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 practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBASE, 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	WO 2006/060697 A1 (ADHEREX TECHNOLOGIES INC [CA]; SPECTOR TOM [US]; PETERS WILLIAM PAUL []) 8 June 2006 (2006-06-08)	17-26
Y	page 1, line 5 - page 4, line 25 page 6, line 5 - line 6 page 6, line 23 - line 24 page 10, line 24 - page 11, line 2 page 19, line 16 - page 21, line 20 claims 1-23,50-55	1-16
X	US 2007/078106 A1 (SPECTOR THOMAS [US] ET AL) 5 April 2007 (2007-04-05)	17-26
Y	paragraph [0001] - paragraph [0011] paragraph [0036] - paragraph [0045] examples 1-8 claims 1-13	1-16
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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"E" earlier document but published on or after the international filing date
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	YEN-REVOLLO, J.L., GOLDBERG, R.M., AND MCLEOD, H.L.: "Can Inhibiting Dihydropyrimidine Dehydrogenase Limit Hand-Foot Syndrome Caused by Fluoropyrimidines?" CLINICAL CANCER RESEARCH : AN OFFICIAL JOURNAL OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH 1 JAN 2008, vol. 14, no. 1, 1 January 2008 (2008-01-01), pages 8-13, XP002572095 ISSN: 1078-0432 the whole document abstract page 8, left-hand column, line 1 - page 9, left-hand column, line 2 page 10, left-hand column, line 38 - right-hand column, line 7 page 11, left-hand column, line 6 - line 25 figures 1,2 page 12, left-hand column, line 21 - line 24 -----	1-26
Y	US 2004/077589 A1 (FORD JOHN P [US]) 22 April 2004 (2004-04-22) the whole document paragraph [0003] paragraph [0011] - paragraph [0018] examples 1-3 claims 1-11 -----	1-26
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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