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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
28 March 2013 (28.03.2013)

WIPO | PCT

(10) International Publication Number
WO 2013/043715 A1

(51) International Patent Classification:
A61K 31/437 (2006.01) *A61K 39/395* (2006.01)
A61K 31/4439 (2006.01) *A61K 45/06* (2006.01)

(21) International Application Number:
PCT/US2012/056106

(22) International Filing Date:
19 September 2012 (19.09.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

61/536,436	19 September 2011 (19.09.2011)	US
61/551,328	25 October 2011 (25.10.2011)	US
61/598,783	14 February 2012 (14.02.2012)	US
61/641,139	1 May 2012 (01.05.2012)	US

(71) Applicant *(for all designated States except AL, AT, BE, BG, CH, CN, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IN, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR)*: **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, California 94080 (US).

(71) Applicant *(for AL, AT, BE, BG, CH, CN, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IN, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR only)*: **F. HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

(72) Inventors: **WILSON, Timothy R.**; c/o GENENTECH, INC., 1 DNA Way, South San Francisco, California 94080 (US). **KOEPPEN, Hartmut**; c/o GENENTECH, INC., 1 DNA Way, South San Francisco, California 94080 (US). **MERCHANT, Mark**; c/o GENENTECH, INC., 1 DNA Way, South San Francisco, California 94080 (US). **SETTLEMAN, Jeffrey**; c/o GENENTECH, INC., 1 DNA Way, South San Francisco, California 94080 (US).

(74) Agents: **COBURN, Cara M.** et al.; GENENTECH, INC., 1 DNA Way, MS 49, South San Francisco, California 94080 (US).

(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, BN, 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,

[Continued on next page]

(54) Title: COMBINATION TREATMENTS COMPRISING C-MET ANTAGONISTS AND B-RAF ANTAGONISTS

(57) Abstract: The present invention relates generally to the fields of molecular biology and growth factor regulation. More specifically, the invention relates to therapies for the treatment of pathological conditions, such as cancer.

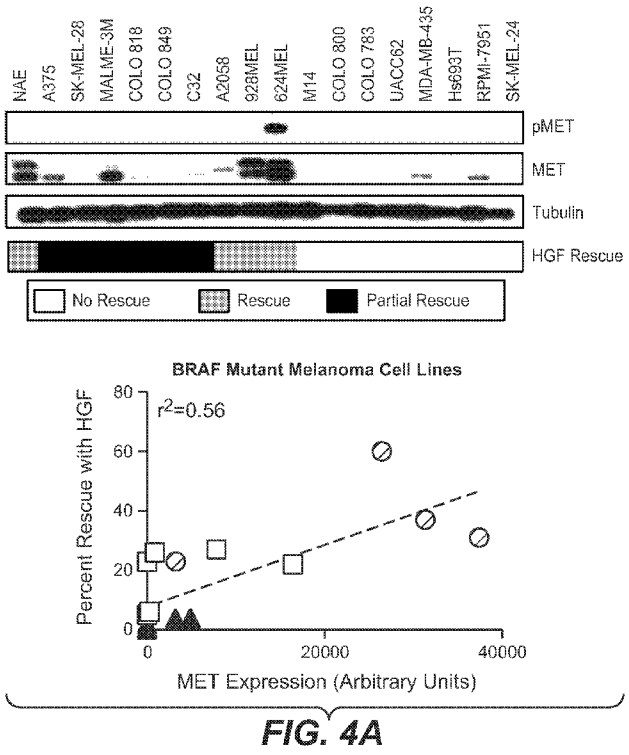


FIG. 4A

WO 2013/043715 A1

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, PA, 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, 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))*

— *with sequence listing part of description (Rule 5.2(a))*