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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
26 February 2015 (26.02.2015)

WIPO | PCT

(10) International Publication Number
WO 2015/026818 A1

(51) International Patent Classification:
A61K 45/00 (2006.01) *A61P 35/00* (2006.01)
A61K 31/519 (2006.01)

(21) International Application Number:
PCT/US2014/051678

(22) International Filing Date:
19 August 2014 (19.08.2014)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/867,982 20 August 2013 (20.08.2013) US

(71) Applicant: **INCYTE CORPORATION** [US/US]; Experimental Station, Route 141 & Henry Clay Road, Building E336/207, Wilmington, Delaware 19880 (US).

(72) Inventor: **SANDOR, Victor**; 159 Forest Drive, Kennett Square, Pennsylvania 19348 (US).

(74) Agent: **GOODSON, Susanne H.**; Fish & Richardson P.C., P.O. Box 1022, Minneapolis, Minnesota 55440-1022 (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, IR, IS, JP, KE, KG, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, 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, ST, 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, KM, ML, MR, NE, SN, TD, TG).

Published:

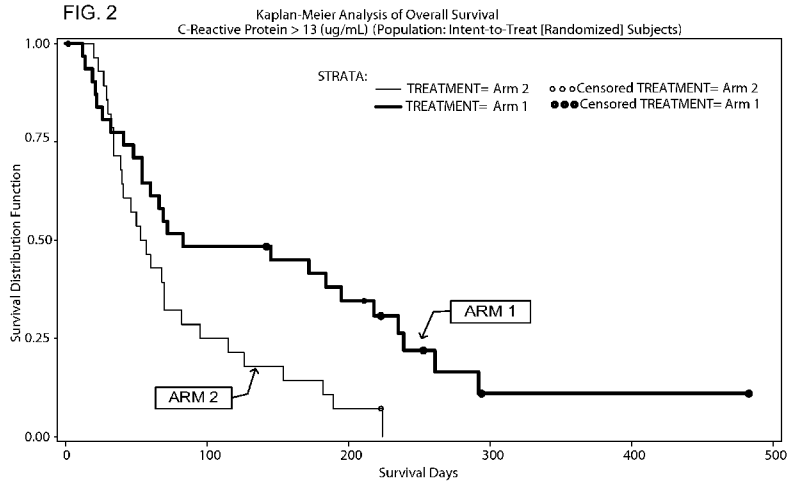
— *with international search report (Art. 21(3))*

— *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))*

WO 2015/026818 A1

(54) Title: SURVIVAL BENEFIT IN PATIENTS WITH SOLID TUMORS WITH ELEVATED C-REACTIVE PROTEIN LEVELS

FIG. 2



(57) Abstract: This application relates to methods of increasing survival or progression-free survival in a patient with a solid tumor, wherein the patient has an elevated serum concentration of C-reactive protein (CRP), by administering a JAK inhibitor or an inhibitor of IL-6 signaling to the patient, as well as methods of predicting survival benefit in these patients from such therapy.