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

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **RODGERS, James D.** [US/US]; 2 Hillside Lane, Landenberg, Pennsylvania 19350 (US). **SHEPARD, Stacey** [US/US]; 3407 Avalon Ct., Voorhees, NJ 08043 (US). **MADUSKUIE, Thomas P.** [US/US]; 613 Foulkstone Road, Wilmington, DE 19803 (US). **WANG, Haisheng** [US/US]; 207 Hockessin Circle, Hockessin, DE 19707 (US). **FALAHATPISHEH, Nikoo** [US/US]; 1822 Foulk Road, Wilmington, DE 19810 (US). **RAFALSKI, Maria** [US/US]; 908 Fairthorne Avenue, Greenville, DE 19807 (US). **ARVANITIS, Argyrios G.** [US/US]; 101 Willow Glen Drive, Kennett Square, PA 19348 (US). **STORACE, Louis** [US/US]; 1409 Bohemia Mill Road, Middletown, DE 19709 (US). **JALLURI, Ravi Kumar** [US/US]; 234 Honey Locust Drive, Avondale, PA 19311 (US). **FRIDMAN, Jordan S.** [US/US]; 50 Willow Creek Lane, Newark, DE 19711 (US). **VADDI, Krishna** [IN/US]; 7 Stonebridge Drive, Hockessin, DE 19707 (US).

(74) Agent: **GODDARD, Christine A.**; Fish & Richardson P.C., PO Box 1022, Minneapolis, MN 55440-1022 (US).

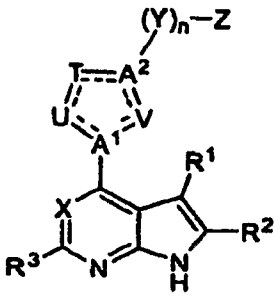
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(54) Title: HETEROARYL SUBSTITUTED PYRROLO[2,3-B]PYRIDINES AND PYRROLO[2,3-B]PYRIMIDINES AS JANUS KINASE INHIBITORS



(I)

(57) Abstract: The present invention provides heteroaryl substituted pyrrolo[2,3-b]pyridines (I) and heteroaryl substituted pyrrolo[2,3-b]pyrimidines that modulate the activity of Janus kinases and are useful in the treatment of diseases related to activity of Janus kinases including, for example, immune-related diseases, skin disorders, myeloid proliferative disorders, cancer, and other diseases.

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