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- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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(54) Title: 2-AMINO 1H IMIDAZO RING SYSTEMS AND METHODS

(57) Abstract: 1H-Imidazo ring systems (e.g., imidazopyridines, imidazoquinolines, imidazonaphthyridines, 6,7,8,9-tetrahydroimidazoquinolines and imidazonaphthyridines) with an amino substituent at the 2-position, pharmaceutical compositions containing these compounds, methods of making the compounds, intermediates, and methods of use of these compounds as immunomodulators, for modulating cytokine biosynthesis in animals and in the treatment of diseases including viral and neoplastic diseases, are disclosed.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/31616

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC(8): C07D 471/14( 2006.01);A61K 31/437( 2006.01)

USPC: 546/82,84;514/293  
 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)  
 U.S. : 546/82,84 ; 514/293

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)  
 STN, Structure, File registry, File caplus.


**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y, T	Caplus , English Abstract DN 144:370095, WO 2006031878 (VALIANTE et al ) 23 March 2006 (23.06.2006) See RN 879000-73-4P	1-54
&	Caplus, English Abstract, DN 144:292760 WO 2006029115, 16 March 2006 ( 16.03.2006). See whole document	1-61

Further documents are listed in the continuation of Box C.       See patent family annex.

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"O"	document referring to an oral disclosure, use, exhibition or other means	
"P"	document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family

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