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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: SUBSTITUTED FUSED[1,2]IMIDAZO[4,5-C] RING COMPOUNDS AND METHODS

(57) Abstract: [1,2]Imidazo[4,5-c] ring compounds (e.g., imidazo[4,5-c]quinolines, imidazo[4,5-c]naphthyridines, and imidazo[4,5-c]pyridines) substituted with a fused ring containing an oxygen and/or nitrogen atom attached at the 1- and/or 2-position, pharmaceutical compositions containing the compounds, intermediates, methods of making the compounds, and methods of use of these compounds as immunomodulators, for inducing 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/US07/63972

A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61K 31/4738(2006.01);31/5365(2006.01);C07D 471/12(2006.01);498/12(2006.01)

USPC: 514/287,229.5,248,257,293;546/64,82;544/89,63,233,247

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. : 514/287, 229.5, 248, 257, 293; 546/64, 82; 544/89, 63, 233, 247

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 SEARCH, FILE CAPLUS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,482,936 A (LINDSTROM, K.J.) 09 January 1996 (09.01.1996), claims 1-12.	1-93

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A"	document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

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