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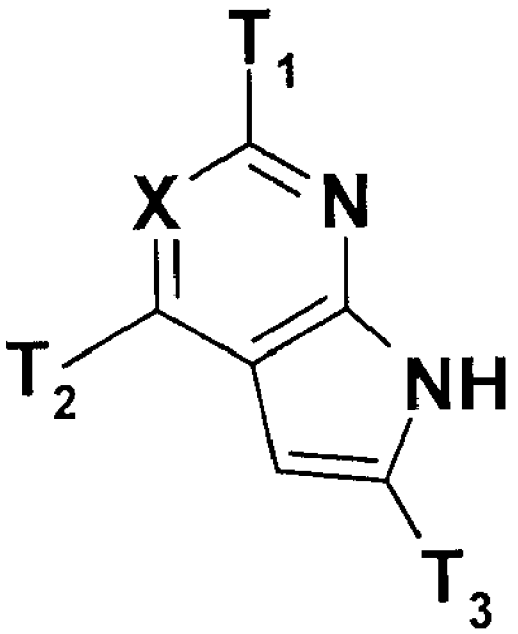
— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

Published:

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

[Continued on next page]

(54) **Title**: PYRROLOPYRIMIDINES AND PYRROLOPYRIDINES



(I)

(57) **Abstract**: Compounds of formula (I) in free or salt or solvate form, wherein X, T_1, T_3 and T_4 have the meanings as indicated in the specification, are useful for treating diseases mediated by the ALK-5 and/or ALK-4 receptor. Pharmaceutical compositions that contain the compounds and processes for preparing the compounds are also described.

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— *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))*

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INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2009/050225

A. CLASSIFICATION OF SUBJECT MATTER
INV. C07D471/04 C07D487/04

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)
C07D

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 practical, search terms used)
EPO-Internal, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2007/149561 A1 (DHANAK DASHYANT [US] ET AL DHANAK DASHYANT [US] ET AL) 28 June 2007 (2007-06-28) claims; example 36	1-16
X	US 6 686 366 B1 (CASTELHANO ARLINDO L [US] ET AL) 3 February 2004 (2004-02-03) claims; compounds 1309,1703,1711,1716,1717,1718	1-16
X	US 2003/139427 A1 (CASTELHANO ARLINDO L [US] ET AL) 24 July 2003 (2003-07-24) claims; compounds 1601,1602,1605,1607	1-16

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

☒ See patent family annex.

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"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

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Date of the actual completion of the international search	Date of mailing of the international search report
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2007149561 A1	28-06-2007	US 2008306120 A1	11-12-2008
		US 2008004308 A1	03-01-2008
US 6686366 B1	03-02-2004	NONE	
US 2003139427 A1	24-07-2003	NONE	