



European Patent
Office

**SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT**
under Rule 46, paragraph 1 of the European Patent
Convention

Application Number

EP 02 79 5927

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	MENG F ET AL: "Cloning and expression of the A2a adenosine receptor from guinea pig brain." NEUROCHEMICAL RESEARCH. MAY 1994, vol. 19, no. 5, May 1994 (1994-05), pages 613-621, XP002322644 ISSN: 0364-3190 -----		C07K14/00 C07H21/04
A	LENZ C ET AL: "Molecular cloning and genomic organization of a novel receptor from Drosophila melanogaster structurally related to mammalian galanin receptors." BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS. 5 MAR 2000, vol. 269, no. 1, 5 March 2000 (2000-03-05), pages 91-96, XP002322645 ISSN: 0006-291X -----		
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			C07K
LACK OF UNITY OF INVENTION			
The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:			
see sheet B			
The present partial European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims.			
Place of search	Date of completion of the search	Examiner	
The Hague	30 March 2005	Blanco Urgoiti, B	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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EPO FORM 1503 03 B2 (P04C23)



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

Invention 1: Claims 1-9, all partially

Host cell comprising the chimeric gene of SEQ ID NO:1, and derived polypeptide of SEQ ID NO:2; methods to identify modulators, and pesticidal methods using the modulators thereof.

Invention 2-54: Claims 1-9, all partially

Invention 2 being idem to invention 1, but relating to SEQ ID NOs:3 and 4; Invention 3, being idem to Invention 1 but relating to SEQ ID NOs: 5 and 6;...; and Invention 54, being idem to Invention 1, but relating to SEQ ID NO:107 and 108.



Claim(s) not searched:
6-9

Reason for the limitation of the search:

Claims 6 to 9 refer to the uses of modulators of the polypeptide without giving a true technical characterization of said modulators. Moreover, no such compounds are defined the application. In consequence, the scope of said claims is ambiguous and vague, and their subject matter is not sufficiently disclosed and supported (Art. 83 and 84 EPC). No search can be carried out for such purely speculative claims whose wording is, in fact, a mere recitation of the results to be achieved.

专利名称(译)	昆虫G蛋白偶联受体基因及其用途		
公开(公告)号	EP1465919A4	公开(公告)日	2005-07-13
申请号	EP2002795927	申请日	2002-12-18
[标]申请(专利权)人(译)	先正达参股股份有限公司		
申请(专利权)人(译)	先正达公司参股		
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IPC分类号	G01N33/50 C07K14/435 C07K14/705 C07K16/28 C12N1/21 C12N5/10 C12N15/09 C12N15/82 C12Q1/68 G01N33/15 G01N33/53 C07K14/00 C07H21/04		
CPC分类号	C12N15/8286 C07K14/43563 Y02A40/162		
优先权	60/341512 2001-12-18 US		
其他公开文献	EP1465919A2		
外部链接	Espacenet		

摘要(译)

本发明提供了编码昆虫G蛋白偶联受体 (GPCR) 多肽的分离的核酸, 分离的昆虫GPCR多肽及其用途。还提供了重组蛋白质和鉴定这些蛋白质抑制剂的方法。所公开的昆虫GPCR核酸和多肽可用于筛选测定以鉴定调节化合物。在本文公开的方法中有活性的蛋白质抑制剂可用作杀虫剂, 杀体外寄生虫剂, 抗寄生虫剂, antolentic剂和杀螨剂。

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C: particularly relevant if taken alone		E: clearly of public use prior to the priority	
V: particularly relevant if considered with another document of the same category		F: clearly of public use, but published on, or after, the date of the application	
A: technological background		L: document cited for other reasons	
O: non-written disclosure		S: member of the same patent family, corresponding document	
I: intermediate document			