



European Patent  
Office

**SUPPLEMENTARY  
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 45 of the European Patent Convention EP 02 79 2212 shall be considered, for the purposes of subsequent proceedings, as the European search report

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)
X	CASALE L ET AL: "Quantitation of endopeptidase 24.11 and endopeptidase 24.15 in human blood leukocytes." ENZYME & PROTEIN. 1994-95, vol. 48, no. 3, 1994, pages 143-148, XP009052168 ISSN: 1019-6773 * abstract * * page 144, paragraph 3 * * page 145, paragraph 10; table 1 * * page 147, paragraph 1 * -----	1-13	C12Q1/68 C12P19/34 A61K49/00 C07H21/04
X	DANDO P M ET AL: "Human thimet oligopeptidase." THE BIOCHEMICAL JOURNAL. 1 SEP 1993, vol. 294 ( Pt 2), 1 September 1993 (1993-09-01), pages 451-457, XP009052155 ISSN: 0264-6021 * abstract * ----- -/--	1-13	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			C12Q G01N A61K
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
<b>INCOMPLETE SEARCH</b>			
The Search Division considers that the present application, or some or all of its claims, does/do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for the following claims: Claims searched completely :  Claims searched incompletely :  Claims not searched :  Reason for the limitation of the search: see sheet C			
Place of search Munich		Date of completion of the search 12 August 2005	Examiner Tilkorn, A-C
CATEGORY OF CITED DOCUMENTS 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		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	

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EPO FORM 1503 03.02 (P04C20)



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	<p>PAIK S H ET AL: "Presence of endo-oligopeptidase (EC 3.4.22.19), a putative neuropeptide-metabolizing endopeptidase in cells of the immune system."            JOURNAL OF NEUROIMMUNOLOGY. MAY 1992, vol. 38, no. 1-2, May 1992 (1992-05), pages 35-44, XP009052150            ISSN: 0165-5728            * abstract *            * page 41, column 1, paragraph 1 - page 42, column 1, paragraph 2 *            * page 43, column 1, line 1 *</p> <p style="text-align: center;">-----</p>	1-13	
A	<p>TISLJAR U: "Thimet oligopeptidase--a review of a thiol dependent metallo-endopeptidase also known as Pz-peptidase endopeptidase 24.15 and endo-oligopeptidase."            BIOLOGICAL CHEMISTRY HOPPE-SEYLER. FEB 1993, vol. 374, no. 2, February 1993 (1993-02), pages 91-100, XP009052172            ISSN: 0177-3593            * the whole document *</p> <p style="text-align: center;">-----</p>	1-13	<p>TECHNICAL FIELDS SEARCHED (Int.Cl.7)</p>



Although claims 9-13 are directed to a method of treatment of the human/animal body (Article 52(4) EPC), the search has been carried out and based on the alleged effects of the compound/composition.

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专利名称(译)	使用2777诊断和治疗血液病的方法和组合物		
公开(公告)号	<a href="#">EP1440166A4</a>	公开(公告)日	2005-10-05
申请号	EP2002792212	申请日	2002-10-28
[标]申请(专利权)人(译)	米伦纽姆医药公司		
申请(专利权)人(译)	千年制药, INC.		
当前申请(专利权)人(译)	千年制药, INC.		
[标]发明人	CARROLL JOSEPH M		
发明人	CARROLL, JOSEPH, M.		
IPC分类号	A61K31/00 A61K31/7088 A61K38/00 A61K38/17 A61K39/395 A61K45/00 A61K48/00 A61P7/04 A61P7/06 A61P31/18 A61P31/22 A61P33/02 A61P33/06 A61P35/00 A61P35/02 C07K14/00 C12N15/09 C12Q1/02 C12Q1/37 C12Q1/68 G01N33/15 G01N33/50 G01N33/53 G01N33/567 C12P19/34 C12N15/63 A01N43/04 A61K49/00 C07H21/02 C07H21/04		
CPC分类号	G01N33/6893 G01N2800/00 G01N2800/22 Y02A50/58		
代理机构(译)	HALL, ROBERT LEONARD		
优先权	60/335251 2001-10-31 US		
其他公开文献	EP1440166A2		
外部链接	<a href="#">Espacenet</a>		

摘要(译)

本发明涉及用于诊断和治疗血液系统疾病的方法和组合物, 所述血液系统疾病包括但不限于, 海生性贫血, 血友病, 镰状细胞性贫血, 地中海贫血, 失血和其他血液疾病, 例如与骨髓有关的血液疾病 放射或化学疗法治疗或肾衰竭。 本发明进一步提供了鉴定能够治疗血液疾病的化合物的方法。 本发明还提供了鉴定能够调节造血细胞活性的化合物的方法。 更进一步, 本发明提供了一种调节造血细胞活性的方法。 另外, 本发明提供了用于治疗患有以异常的2777多肽活性或异常的2777核酸表达为特征的血液病的受试者的方法。 在另一方面, 本发明提供了用于在受试者中增加造血细胞增殖的方法和在受试者中调节造血细胞凋亡的方法。

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Claims searched completely:					
Claims not searched:					
Reason for the limitation of the search: see sheet C					
Place of search Munich		Date of completion of the search 12 August 2005	Searcher Tilkorn, A-C		
<table border="0"> <tr> <td style="vertical-align: top;"> <b>CATEGORY OF CITED DOCUMENTS</b>            X: particularly relevant to the claims            Y: particularly relevant if combined with another document of the same category            Z: non-relevant background            O: non-written disclosures            F: intermediate document         </td> <td style="vertical-align: top;">           I: Theory or principle underlying the invention            II: Prior art documents, but published on, or after, the filing date            D: Document cited in the application            L: Document cited for other reasons            &amp; / number of the same patent family, corresponding document         </td> </tr> </table>				<b>CATEGORY OF CITED DOCUMENTS</b> X: particularly relevant to the claims Y: particularly relevant if combined with another document of the same category Z: non-relevant background O: non-written disclosures F: intermediate document	I: Theory or principle underlying the invention II: Prior art documents, but published on, or after, the filing date D: Document cited in the application L: Document cited for other reasons & / number of the same patent family, corresponding document
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