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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 15 86 2466

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	WO 2014/073464 A1 (UNIV GUNMA NAT UNIV CORP [JP]; NAT CT FOR GLOBAL HEALTH & MEDICINE [JP) 15 May 2014 (2014-05-15) * figure 13 * -----	1-17	INV. C07K14/445 A61K38/00 A61P33/06 A61P37/04 G01N33/53 C12N9/88

TECHNICAL FIELDS SEARCHED (IPC)

C07K
A61K
A61P
G01N
C12N

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search	Date of completion of the search	Examiner
The Hague	14 May 2018	Schmitz, Till

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
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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 15 86 2466

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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14-05-2018

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2014073464 A1	15-05-2014	JP 6192018 B2	06-09-2017
		JP WO2014073464 A1	08-09-2016
		US 2015285796 A1	08-10-2015
		WO 2014073464 A1	15-05-2014

专利名称(译)	使用源自恶性疟原虫的烯醇酶蛋白的部分序列产生的人工抗体及其制备方法		
公开(公告)号	EP3225629A4	公开(公告)日	2018-06-27
申请号	EP2015862466	申请日	2015-11-27
[标]发明人	OKU HIROYUKI KANO SHIGEYUKI YANO KAZUHIKO		
发明人	OKU, HIROYUKI KANO, SHIGEYUKI YANO, KAZUHIKO		
IPC分类号	C07K14/445 A61K38/00 A61P33/06 A61P37/04 G01N33/53 C12N9/88		
CPC分类号	A61K38/00 C12Y402/01011 C07K14/445 C12N9/88 G01N33/53 A61K9/1647 A61K9/1658 A61K9/1682 A61K39/015 A61K47/646 A61K2039/575 A61K2039/6068 G01N33/543 G01N33/56905 G01N33/6854 G01N2333/445 G01N2333/988 G01N2800/52		
代理机构(译)	GILL JENNINGS & EVERY LLP		
优先权	2014241420 2014-11-28 JP		
其他公开文献	EP3225629B1 EP3225629A1		
外部链接	Espacenet		

摘要(译)

本发明提供了一种生物活性肽，其包括恶性疟原虫烯醇酶的部分氨基酸序列，并且具有与符合GMP的生产方法的规格设定相容的分子结构。提供具有两种肽的结构的肽，所述肽各自具有（i）由下式表示的氨基酸序列：A01-Ala-Ser-Glu-Phe-Tyr-Asn-Ser-Glu-Asn-Lys-Thr-Tyr-Asp -Leu-Asp-Phe-Lys-Thr-Pro-Asn-Asn-Asp-A02（SEQ ID NO：1）或（ii）由下式表示的氨基酸序列：A03-Ala-Ser-Glu-Phe-Tyr- Asn-Ser-Glu-Asn-Lys-Thr-Tyr-Asp-Leu-Asp-Phe-Lys-Thr-Pro-Asn-Asn-Asp-Lys-Ser-Leu-Val-Lys-Thr-A04（SEQ ID NO： NO：2）通过两个肽的相应羧基末端和Lys的两个氨基基团之间的酰胺键连接在由（iii）代表的接头肽中：Lys-A05-Cys-A06并且以两个的形式排列 - 分叉的分支。优选的是具有二聚化结构的肽，其中两个上述肽通过相应两个肽中包含的接头肽序列中的Cys残基之间的S-S键连接。（在上述（i），（ii）和（iii）中，A01至A06各自表示包括0）的任意数目的氨基酸残基。

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