

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	KANG S ET AL: "Blood Detection of Alzheimer'S Diseases With Multimer Detection System-ad", ALZHEIMER'S & DEMENTIA: THE JOURNAL OF THE ALZHEIMER'SASSOCIATION, ELSEVIER, NEW YORK, NY, US, vol. 6, no. 4, 1 July 2010 (2010-07-01), page e43, XP027440574, ISSN: 1552-5260, DOI: 10.1016/J.JALZ.2010.08.132 [retrieved on 2010-07-01] * P4-072 *	1,2,4-6, 11-15	INV. G01N33/53 G01N33/68 G01N33/543
A	----- SangYun Kim, ET AL: "THE FIRST BLOOD-BASED BIOMARKER OF ALZHEIMER'S DISEASE WITH HIGH PREDICTABILITY: OLIGOMERIC BETA- AMYLOID DETECTION BY MULTIMER DETECTION SYSTEM", 18 July 2013 (2013-07-18), XP055396974, Retrieved from the Internet: URL:http://www.alzheimersanddementia.com/article/S1552-5260(13)02515-6/pdf [retrieved on 2017-08-08] * DT-03-06. *	1-15	TECHNICAL FIELDS SEARCHED (IPC) G01N
A	----- US 2010/062540 A1 (CECILLON SEBASTIEN [FR] ET AL) 11 March 2010 (2010-03-11) * the whole document *	1-15	
Y	----- WO 2007/123345 A1 (PEOPLEBIO INC [KR]; AN SEONG SOO ALEXANDER [US]; LIM KUN TAEK [KR]; OH) 1 November 2007 (2007-11-01) * pg 6, l 18-pg 7, l 9; pg 11, l 9-21; pg 13, l 25-pg 14, l 10; cl 1-5. * * *	1-7, 11-15	
	----- -/--		
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 Munich		Date of completion of the search 9 August 2017	Examiner Motrescu-Hateley, E
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

1
EPO FORM 1503 03 82 (P04C04)

**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 15 86 5332

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	EP 2 579 042 A1 (AFFIRIS AG [AT]) 10 April 2013 (2013-04-10) * par 0048-0050; cl 1,5. * -----	1-7, 11-15	
			TECHNICAL FIELDS SEARCHED (IPC)
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 Munich		Date of completion of the search 9 August 2017	Examiner Motrescu-Hateley, E
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

1
EPO FORM 1503 03 82 (P04C04)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 15 86 5332

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
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

09-08-2017

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2010062540	A1	11-03-2010	AT 462140 T	15-04-2010
			EP 1907861 A2	09-04-2008
			ES 2343474 T3	02-08-2010
			FR 2888937 A1	26-01-2007
			JP 5693816 B2	01-04-2015
			JP 5785642 B2	30-09-2015
			JP 2009501922 A	22-01-2009
			JP 2014178337 A	25-09-2014
			US 2010062540 A1	11-03-2010
			WO 2007010110 A2	25-01-2007

WO 2007123345	A1	01-11-2007	AU 2007241729 A1	01-11-2007
			CA 2649359 A1	01-11-2007
			EP 2010904 A1	07-01-2009
			JP 5164971 B2	21-03-2013
			JP 2009534648 A	24-09-2009
			KR 20090013186 A	04-02-2009
			KR 20110081330 A	13-07-2011
			US 2010021943 A1	28-01-2010
			WO 2007123345 A1	01-11-2007

EP 2579042	A1	10-04-2013	AR 088108 A1	07-05-2014
			AU 2012320766 A1	13-03-2014
			AU 2012320767 A1	13-03-2014
			BR 112014008088 A2	18-04-2017
			BR 112014008089 A2	18-04-2017
			CA 2850840 A1	11-04-2013
			CA 2850843 A1	11-04-2013
			CN 103842824 A	04-06-2014
			CN 103842825 A	04-06-2014
			CY 1115624 T1	04-01-2017
			DK 2579042 T3	21-07-2014
			EP 2579042 A1	10-04-2013
			EP 2764367 A1	13-08-2014
			EP 2764368 A1	13-08-2014
			ES 2496341 T3	18-09-2014
			HK 1178601 A1	28-11-2014
			HR P20140937 T1	05-12-2014
			JP 6162127 B2	12-07-2017
			JP 2014529087 A	30-10-2014
			JP 2014529088 A	30-10-2014
KR 20140069346 A	09-06-2014			
KR 20140073568 A	16-06-2014			
PT 2579042 E	09-09-2014			
RU 2014117671 A	10-11-2015			
RU 2014117677 A	10-11-2015			

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 15 86 5332

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
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

09-08-2017

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
		SG 11201400223S A	29-05-2014
		SG 11201400229X A	29-05-2014
		SI 2579042 T1	30-09-2014
		SM T201400145 B	10-11-2014
		US 2014234877 A1	21-08-2014
		US 2014242727 A1	28-08-2014
		WO 2013050248 A1	11-04-2013
		WO 2013050249 A1	11-04-2013

专利名称(译)	检测聚集形成多肽的聚集形式的方法		
公开(公告)号	EP3229023A4	公开(公告)日	2017-10-11
申请号	EP2015865332	申请日	2015-10-06
[标]发明人	LEE BYOUNG SUB LEE KWAN SOO KIM SHIN WON LIM KUN TAEK KIM GWANG JE YU JI SUN		
发明人	LEE, BYOUNG SUB LEE, KWAN SOO KIM, SHIN WON LIM, KUN TAEK KIM, GWANG JE YU, JI SUN		
IPC分类号	G01N33/53 G01N33/68 G01N33/543		
CPC分类号	G01N33/6896 G01N33/54306 G01N2333/4709 G01N2800/2821 G01N2800/2835		
代理机构(译)	advotec.		
优先权	1020140170608 2014-12-02 KR		
其他公开文献	EP3229023A1		
外部链接	Espacenet		

摘要(译)

本发明涉及一种在生物样品中检测聚集形成多肽的聚集形式的方法，包括以下步骤：(a) 在待分析的生物样品中标记，(i) 聚合物的单体或多聚体形式 - 形成多肽，(ii) 聚集形成多肽的疏水缺失衍生物，或(iii) 聚集形成多肽的单体或多聚体形式和聚集形成多肽的疏水缺失衍生物；(b) 通过孵育步骤(a)的产物，另外形成聚集形成多肽的聚集形式；(c) 使步骤(b)的产物与粘合标记接触，其中信号产生标记与结合聚集形成多肽的聚集形式的结合物偶联；(d) 检测由与聚集形成多肽的聚集形式结合的结合标记产生的信号。

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	KANG S ET AL: "Blood Detection of Alzheimer's Disease with Multimer Detection System" ALZHEIMER'S & DEMENTIA: THE JOURNAL OF THE ALZHEIMER ASSOCIATION, ELSEVIER, NEW YORK, NY, US, Vol. 6, no. 4, 1 July 2010 (2010-07-01), page e43; XP027440574, ISSN: 1552-5260, 0011-1016/J. JALZ.2010.06.132 [retrieved on 2010-07-01] #4-072 *	1;2;4-6, 11-15
A	SangYun Kim, ET AL: "THE FIRST BLOOD-BASED BIOMARKER OF ALZHEIMER'S DISEASE WITH HIGH PREDICTABILITY: OLIGOMERIC BETA-AMYLOID DETECTION BY MULTIMER DETECTION SYSTEM", 18 July 2013 (2013-07-18), XP055396974, Retrieved from the Internet URL: http://www.alzheimersanddementia.com/articles/152-526013/0518-6/pdf [retrieved on 2013-08-08] #DT-03-06. *	1-15
A	US 2010/062540 A1 (CECILION SEBASTIEN [FR] ET AL) 11 March 2010 (2010-03-11) * the whole document	1-15
Y	WO 2007/123345 A1 (PEOPLEBIO INC [KR]; AN SEONG SOO ALEXANDER US; LIM KUN TAEK [KR]; OH) 1 November 2007 (2007-11-01) * pg 6, 11; pp 7, 11; pg 11, 12-21; pg 13, 15; pg 14, 16; cl 1-5. *	1-7, 11-15

The supplementary search report file form based on the last search result and available at the cited link above.

Match 9 August 2017 Motrescu-Hateley, E

<p>CATEGORY OF CITED DOCUMENTS</p> <p>X cited document is prior art</p> <p>A cited document is pertinent to the invention</p> <p>Y cited document is not pertinent to the invention</p>	<p>I. priority or novelty under the invention or</p> <p>II. state of the art under the invention or</p> <p>III. document cited in the application</p> <p>IV. document cited for other reasons</p> <p>* Member of the same patent family, corresponding document</p>
---	---