

**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 15 80 2368

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	YUN-JI JANG ET AL: "Autoinducer 2 of <i>Fusobacterium nucleatum</i> as a target molecule to inhibit biofilm formation of periodontopathogens", ARCHIVES OF ORAL BIOLOGY., vol. 58, no. 1, 1 January 2013 (2013-01-01), pages 17-27, XP055428947, GB ISSN: 0003-9969, DOI: 10.1016/j.archoralbio.2012.04.016 * abstract ; pg 18, para 2.3-2.4 ; pg 19, para 2.7-2.8 ; Table 1 *	3-13	INV. A61B5/00 C12Q1/18 C12Q1/68
X	US 2012/015397 A1 (SOUNO HATSUMI [JP] ET AL) 19 January 2012 (2012-01-19) * claims ; example 1 ; para 19, 41 ; Table 3 *	1-15	
X	JP 2009 114120 A (KAO CORP) 28 May 2009 (2009-05-28) * para 57 ; 61 *	1-15	TECHNICAL FIELDS SEARCHED (IPC)
X	ALEXANDER H. RICKARD ET AL: "Autoinducer 2: a concentration-dependent signal for mutualistic bacterial biofilm growth", MOLECULAR MICROBIOLOGY., vol. 60, no. 6, 1 June 2006 (2006-06-01), pages 1446-1456, XP055341926, GB ISSN: 0950-382X, DOI: 10.1111/j.1365-2958.2006.05202.x * pg 9, col 1, para 1-2 *	11,12	G01N
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 The Hague		Date of completion of the search 27 November 2017	Examiner Vadot-Van Geldre, E
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			

1

EPO FORM 1503 03.82 (P04C04)



**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 15 80 2368

[illegible]

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

EP 15 80 2368

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.

27-11-2017

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2012015397 A1	19-01-2012	EP 2423683 A1	29-02-2012
		EP 2631648 A2	28-08-2013
		JP 5612269 B2	22-10-2014
		JP 2010256190 A	11-11-2010
		US 2012015397 A1	19-01-2012
		US 2012276546 A1	01-11-2012
		WO 2010122946 A1	28-10-2010

JP 2009114120 A	28-05-2009	JP 5210598 B2	12-06-2013
		JP 2009114120 A	28-05-2009

WO 2012134063 A2	04-10-2012	NONE	

专利名称(译)	用于表征和诊断牙周病的组合物和方法		
公开(公告)号	EP3151733A4	公开(公告)日	2018-01-10
申请号	EP2015802368	申请日	2015-06-08
[标]申请(专利权)人(译)	密歇根大学 高露洁 - 棕榄公司		
申请(专利权)人(译)	密歇根大学董事会 高露洁 - 棕榄公司		
当前申请(专利权)人(译)	密歇根大学董事会 高露洁 - 棕榄公司		
[标]发明人	RICKARD ALEXANDER GIANNOBILE WILLIAM SWETKY MICHELLE MILLER STEVEN E DU THUMM LAURENCE STETTLER HANS BAXTER NIELSON T		
发明人	RICKARD, ALEXANDER GIANNOBILE, WILLIAM SWETKY, MICHELLE MILLER, STEVEN E. DU-THUMM, LAURENCE STETTLER, HANS BAXTER, NIELSON, T.		
IPC分类号	A61B5/00 C12Q1/18 C12Q1/68		
CPC分类号	C12Q1/18 G01N33/56955 G01N2500/00 G01N2800/18 G06F19/00 G16H50/30 Y02A90/26 C12Q1/04 C12Q1/66 G01N2333/195 G01N2500/10		
优先权	62/008994 2014-06-06 US		
其他公开文献	EP3151733B1 EP3151733A1		
外部链接	Espacenet		

摘要(译)

本公开涉及用于表征和诊断牙科疾病的方法。特别地，本公开涉及基于口腔液和斑块中的AI-2水平来表征和诊断牙病（例如，牙龈炎和牙周病）的方法。

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim	Relevant to claim
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	Relevant to claim
X	YUN-JI JANG ET AL: "Autoinducer 2 of <i>Porobacterium nucleatum</i> as a target molecule to inhibit biofilm formation of periodontopathogens" ARCHIVES OF ORAL BIOLOGY, vol. 58, no. 1, 1 January 2013 (2013-01-01), pages 17-27, XP055426947, ISSN: 0003-9969, DOI: 10.1016/j.archoralbio.2012.04.016, abstract ; pg 18, para 2.3-2.4 ; pg 19, para 2.7-2.8 ; Table 1	3-13	INV. A61B5/00 C12Q1/18 C12Q1/68
X	US 2012/015397 A1 (SOUND HATSUMI [JP] ET AL) 19 January 2012 (2012-01-19) s. claims ; example 1 ; para 19, 41 ; Table 3	1-15	
X	JP 2009 114120 A (KAO CORP) 28 May 2009 (2009-05-28) * para 57 ; 61	1-15	
X	ALEXANDER H. RICKARD ET AL: "Autoinducer 2: a concentration-dependent signal for mutualistic bacterial biofilm growth". MOLECULAR MICROBIOLOGY, vol. 60, no. 5, 1 June 2006 (2006-06-01), pages 1440-1456, XP055341926, ISSN: 0950-382X, DOI: 10.1111/j.1365-2958.2006.05202.x * pg 9, col 1, para 1-2	11,12	SEQUENCE LISTING (G01N) G01N

The supplementary search report pages form part of the text of the patent application as filed with the EPO.

The Hague		27 November 2017		Vadot-Van Geldre, E	
CATEGORY OF OTHER DOCUMENTS					
1. Document referred to in the application					
2. Document referred to in the application					
3. Document referred to in the application					
4. Document referred to in the application					
5. Document referred to in the application					
6. Document referred to in the application					
7. Document referred to in the application					
8. Document referred to in the application					
9. Document referred to in the application					
10. Document referred to in the application					

