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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 15 86 4123

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	M. DZIUBIANAU ET AL: "TCR Repertoire Analysis by Next Generation Sequencing Allows Complex Differential Diagnosis of T Cell-Related Pathology", AMERICAN JOURNAL OF TRANSPLANTATION, vol. 13, no. 11, 10 September 2013 (2013-09-10), pages 2842-2854, XP055389693, DK ISSN: 1600-6135, DOI: 10.1111/ajt.12431 * Table 1; Fig. 1; page 2843, left col. "Sample collection, ex vivo ..."; page 2843, right col. "Amplicon sequencing"; page 2844, left col. and Table 1; Fig. 2 and 3 *	1-15	INV. C12Q1/6883 G01N33/53 G06F19/22 C12Q1/6881 C12Q1/6886
A	US 2011/207134 A1 (FAHAM MALEK [US] ET AL) 25 August 2011 (2011-08-25) * claims 1, 18, 39; Fig. 1B, 7C *	1-15	TECHNICAL FIELDS SEARCHED (IPC) C12Q G01N G06F
A	WO 2011/107595 A1 (CHARITE UNIVERSITAETSMEDIZIN [DE]; REINKE PETRA [DE]; VOLK HANS-DIETER) 9 September 2011 (2011-09-09) * Fig. 1 *	1-15	
X,P	WILLIAM S. DEWITT ET AL: "ABSTRACT", JOURNAL OF VIROLOGY., vol. 89, no. 8, 15 April 2015 (2015-04-15) , pages 4517-4526, XP055455942, US ISSN: 0022-538X, DOI: 10.1128/JVI.03474-14 * the whole document *	1-15	

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	Date of completion of the search	Examiner
Munich	5 March 2018	Leber, Thomas

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 4123

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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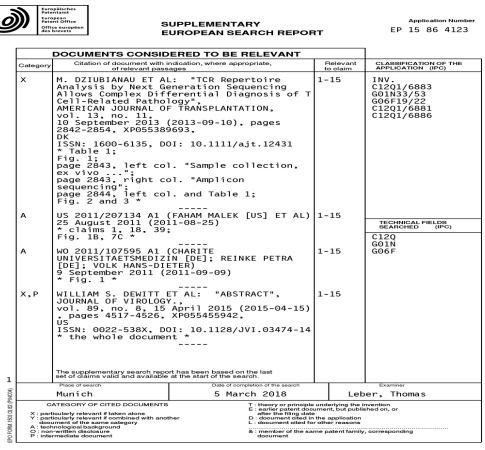
05-03-2018

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2011207134 A1	25-08-2011	US 2011207134 A1	25-08-2011
		US 2014315725 A1	23-10-2014
		US 2015065352 A1	05-03-2015
WO 2011107595 A1	09-09-2011	EP 2367000 A1	21-09-2011
		WO 2011107595 A1	09-09-2011

专利名称(译)	使用免疫库谱测序表征对疫苗接种或感染的适应性免疫应答		
公开(公告)号	EP3224384A4	公开(公告)日	2018-04-18
申请号	EP2015864123	申请日	2015-11-24
[标]申请(专利权)人(译)	适应生物技术公司 弗莱德哈钦森癌症研究中心		
申请(专利权)人(译)	自适应生物技术股份有限公司. Fred Hutchinson癌症研究中心		
当前申请(专利权)人(译)	自适应生物技术股份有限公司. Fred Hutchinson癌症研究中心		
[标]发明人	ROBINS HARLAN S EMERSON RYAN O DEWITT WILLIAM SUMNER III		
发明人	ROBINS, HARLAN S. EMERSON, RYAN O. DEWITT, WILLIAM SUMNER, III		
IPC分类号	C12Q1/68 G01N33/53 G06F19/22		
CPC分类号	C12Q1/6883 C12Q1/6886 C12Q2600/156 C12Q1/6881		
代理机构(译)	博尔特WADE TENNANT		
优先权	62/084470 2014-11-25 US		
其他公开文献	EP3224384A1		
外部链接	Espacenet		

摘要(译)

提供了监测和测量动态适应性免疫细胞应答的方法。 T细胞受体和免疫球蛋白基因座的高通量测序用于表征效应细胞对刺激（例如疫苗或感染）的反应的广度。可以确定独特的响应效应细胞克隆及其丰度。另外，提供了用于确定响应效应细胞对免疫记忆区室的贡献的方法。



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X,P	WILLIAM S. DEWITT ET AL: "ABSTRACT", JOURNAL OF VIROLOGY, vol. 89, no. 8, 15 April 2015 (2015-04-15), pages 4517-4526, XP055455942, US ISSN: 0022-538X, DOI: 10.1128/JVI.03474-14 * the whole document *	1-15	

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