

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	Gerlinde Layh-Schmitt Et Al.: "The adhesin related 30-kDa protein of Mycoplasma pneumoniae exhibits size and antigen variability", FEMS MICROBIOL LETT, 1 January 1997 (1997-01-01), pages 101-108, XP55319837, Retrieved from the Internet: URL:http://femsle.oxfordjournals.org/content/femsle/152/1/101.full.pdf [retrieved on 2016-11-16] * abstract; figure 1 *	1-7	INV. G01N33/569 G01N33/531 G01N33/543 C07K14/30
Y	A. K. VARSHNEY ET AL: "Cloning, Expression, and Immunological Characterization of the P30 Protein of Mycoplasma pneumoniae", CLINICAL AND VACCINE IMMUNOLOGY, vol. 15, no. 2, 1 February 2008 (2008-02-01), pages 215-220, XP55346740, US ISSN: 1556-6811, DOI: 10.1128/CVI.00283-07 * the whole document *	1-7	TECHNICAL FIELDS SEARCHED (IPC) G01N
Y	MONTAGNANI F ET AL: "Use of recombinant chimeric antigens for the serodiagnosis of Mycoplasma pneumoniae infection", EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES, SPRINGER, BERLIN, DE, vol. 29, no. 11, 15 July 2010 (2010-07-15), pages 1377-1386, XP019856968, ISSN: 1435-4373, DOI: 10.1007/S10096-010-1010-3 * abstract *	1-7	

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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 26 January 2018	Examiner Moreno de Vega, C
CATEGORY OF CITED DOCUMENTS		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	
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			

**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 16 80 3420

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 2 306 194 A1 (TANAKA PRECIOUS METAL IND [JP]) 6 April 2011 (2011-04-06) * claims 1-8 * -----	1-7	
			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	Date of completion of the search	Examiner
	Munich	26 January 2018	Moreno de Vega, 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 82 (P04C04)

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

EP 16 80 3420

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.

26-01-2018

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 2306194	A1	06-04-2011	CN 102066932 A	18-05-2011
			EP 2306194 A1	06-04-2011
			JP 4559510 B2	06-10-2010
			JP 2010019786 A	28-01-2010
			KR 20110033115 A	30-03-2011
			US 2011097818 A1	28-04-2011
			WO 2010007734 A1	21-01-2010

专利名称(译)	免疫层析分析仪formycoplasma pneumoniae		
公开(公告)号	EP3306320A4	公开(公告)日	2018-04-11
申请号	EP2016803420	申请日	2016-06-01
[标]申请(专利权)人(译)	田中贵金属工业股有限公司		
申请(专利权)人(译)	田中贵金属制造		
当前申请(专利权)人(译)	田中贵金属制造		
[标]发明人	SUZUKI KEITA IWAMOTO HISAHICO		
发明人	SUZUKI KEITA IWAMOTO HISAHICO		
IPC分类号	G01N33/569 G01N33/531 G01N33/543 C07K14/30		
CPC分类号	G01N33/56933 C07K14/30 G01N33/531 G01N33/543 G01N33/569		
优先权	2015111732 2015-06-01 JP 2015171163 2015-08-31 JP		
其他公开文献	EP3306320B1 EP3306320A1		
外部链接	Espacenet		

摘要(译)

本发明旨在提供一种免疫色谱分析仪，其能够快速，简便，高灵敏度地检测肺炎支原体，从而更可靠和更快地诊断支原体肺炎。根据本发明的免疫色谱分析仪用于检测肺炎支原体，并包括样品添加部分，标记物质保留部分，具有检测部分的色谱介质部分和吸收部分。标记物质保留部分和检测部分含有强烈识别肺炎支原体P30蛋白的结构域III的抗体，该结构域由SEQ ID NO：2的氨基酸序列组成。

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to:	CLASSIFICATION OF THE APPLICATION (IPC)
A	Gerlinde Layh-Scheitl ET AL: "The adhesin related 30-kDa protein of Mycoplasma pneumoniae exhibits size and antigen variability", FEMS MICROBIOL LETT, 1 January 1997 (1997-01-01), pages 101-108, XP5539837. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/pubmed/15271101; full text available at: http://www.ncbi.nlm.nih.gov/pubmed/15271101; abstract: Figure 1. - - - -	1-7	INV. 3/569 G01N33/531 C07K14/30
Y	A. K. VARSHNEY ET AL: "Cloning, Expression, and Immunological Characterization of the P30 Protein of Mycoplasma pneumoniae", CLINICAL AND VACCINE IMMUNOLOGY, vol. 15, no. 2, 1 February 2008 (2008-02-01), pages 215-220, XP55346740, US ISSN: 1556-6811, DOI: 10.1128/CVI.00283-07 = the whole document. - - - -	1-7	TECHNICAL FIELD GOIN
Y	MONTAGANI F ET AL: "Use of recombinant chimeric antigens for the serodiagnosis of Mycoplasma pneumoniae infection", EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES, SPRINGER, BERLIN, DE vol. 29, no. 11, 15 July 2010 (2010-07-15), pages 1377-1386, XP55896968, ISSN: 1439-4233, DOI: 10.1007/s10996-010-1010-3 = abstract. - - - -	1-7	

The supplementary search report page herein is based on the best search results available at the time of the search.

Number of search	Date of completion of the search	Examiner
1	26 January 2010	Noreno de Vega, C

CATEGORIES OF CITED DOCUMENTS

A	priority related to the present application	E	other documents cited for information
B	other documents cited for information	F	documents cited for other reasons
C	documents cited for other reasons	G	documents cited for other reasons
D	documents cited for other reasons	H	documents cited for other reasons

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