

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 14 87 4489

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	US 2003/023167 A1 (AZZAM NAJED H [IL] ET AL) 30 January 2003 (2003-01-30)	1-3,6,9-13	INV. A61B8/14
Y	* abstract * * figures 1-5 * * paragraph [0037] - paragraph [0067] *	14-16	G01N29/24 A61B8/15 A61B8/00 A61B5/00 G01N21/17
X	US 2010/053618 A1 (NAKAJIMA TAKAO [JP] ET AL) 4 March 2010 (2010-03-04)	1,7,8	
	* abstract * * figures 1-13 * * paragraph [0014] - paragraph [0095] *		
X	WO 2013/116807 A1 (LOS ALAMOS NAT SECURITY LLC [US]) 8 August 2013 (2013-08-08)	1,4,5	
	* abstract * * figures 1-18 * * paragraph [0035] - paragraph [0097] *		
Y	EP 2 462 873 A1 (TEIJIN PHARMA LTD [JP]) 13 June 2012 (2012-06-13)	14-16	
	* abstract * * figures 1-15 * * paragraph [0014] - paragraph [0053] *		
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			TECHNICAL FIELDS SEARCHED (IPC) A61B A61N
Place of search Munich		Date of completion of the search 27 July 2017	Examiner Moehrs, Sascha
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			

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

EP 14 87 4489

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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27-07-2017

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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		US 2003023167 A1	30-01-2003
		WO 03009772 A1	06-02-2003

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专利名称(译)	超声波或光声探头，使用其的超声波诊断系统，超声波治疗系统，超声波诊断和治疗系统以及超声波或光声系统		
公开(公告)号	EP3087926A4	公开(公告)日	2017-09-06
申请号	EP2014874489	申请日	2014-06-26
[标]申请(专利权)人(译)	诺森有限公司		
申请(专利权)人(译)	NOHSN CO. , LTD.		
当前申请(专利权)人(译)	NOHSN CO. , LTD.		
[标]发明人	HAN CHEOL MIN		
发明人	HAN, CHEOL MIN		
IPC分类号	A61B8/14 G01N29/24		
CPC分类号	A61B8/4483 A61B5/0095 A61B8/14 A61B8/15 A61B8/4272 G01N21/1702 G01N29/24 G01N29/2418		
优先权	1020130163518 2013-12-26 KR		
其他公开文献	EP3087926A1		
外部链接	Espacenet		

摘要(译)

提供了一种超声或光声探头，使用该探头的超声诊断系统，超声治疗系统，超声诊断和治疗系统，以及超声或光声系统。根据本发明的一个实施例，超声波或光声探头包括：第一发送和接收单元，将超声波或光声信号发送到物体;第二发送和接收单元，设置成面对第一发送和接收单元，并接收通过物体的超声波或光声信号。



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Category	Citation of document with indication, where appropriate, of relevant passages	Relevance to claims	Classification of the document (IPC)
X	US 2003/023167 A1 (AZZAM NAJED H [IL] ET AL) 30 January 2003 (2003-01-30) * abstract * * figures 1-5 *	3-3, 6, 9-11, 14-16	INT. A61B8/14 G01N29/24 A61B8/15 A61B8/00 G01N21/17
X	US 2010/053618 A1 (NAKAJIMA TAKAO [JP] ET AL) 3 March 2010 (2010-03-04) * abstract * * figures 1-13 * * paragraph [0014] - paragraph [0095] *	1, 7, 8	
X	WO 2013/116887 A1 (LOS ALAMOS NAT SECURITY LLC [US]) 8 August 2013 (2013-08-08) * abstract * * figures 1-18 * * paragraph [0035] - paragraph [0097] *	1, 4, 5	
Y	EP 2 462 873 A1 (TEIJIN PHARMA LTD [JP]) 13 June 2012 (2012-06-13) * abstract * * figures 1-15 * * paragraph [0014] - paragraph [0053] *	14-16	TECHNICAL FIELD SUMMARY A61B A61N

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

27 July 2017

Searcher

Moehrs, Sascha

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