

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	WO 2011/002209 A2 (UNIV IND & ACAD COLLABORATION [KR]; SONG TAEJIN [KR]) 6 January 2011 (2011-01-06)	1,2,7,8, 11,12, 14,15	INV. A61B90/00
Y	* abstract; figures 2-5 *	3,13	
Y	----- EP 1 415 609 A1 (SHERWOOD SERV AG [CH]) 6 May 2004 (2004-05-06) * paragraph [0022] - paragraph [0024]; figures 1,5 * * paragraph [0052] - paragraph [0055] *	3,13	
A	US 2010/113940 A1 (SEN CHANDAN K [US] ET AL) 6 May 2010 (2010-05-06) * figures 1-7 * * paragraph [0048] - paragraph [0052] *	1-15	
A	WO 2013/112554 A1 (UNIV WASHINGTON [US]) 1 August 2013 (2013-08-01) * figures 1,3,5 * * paragraph [0026] - paragraph [0031] * * paragraph [0032] - paragraph [0034] * * paragraph [0037] * * paragraph [0041] * * paragraph [0046] - paragraph [0051] * * paragraph [0053] * * paragraph [0067] - paragraph [0068] *	1-15	TECHNICAL FIELDS SEARCHED (IPC) A61B
A	US 2008/252893 A1 (ZULUAGA ANDRES FELIPE [US]) 16 October 2008 (2008-10-16) * figure 10 * * paragraph [0027] - paragraph [0044] * * paragraph [0052] * * paragraph [0059] - paragraph [0060] * * paragraph [0067] - paragraph [0069] *	1-15	
A	US 5 836 869 A (KUDO MASAHIRO [JP] ET AL) 17 November 1998 (1998-11-17) * abstract; figure 7A *	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 Munich		Date of completion of the search 11 October 2017	Examiner Roudaut, Tanguy
<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>			

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

EP 14 88 3180

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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11-10-2017

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专利名称(译)	用于指导医疗干预的成像和显示系统		
公开(公告)号	EP3107476A4	公开(公告)日	2017-11-22
申请号	EP2014883180	申请日	2014-10-27
申请(专利权)人(译)	阿克伦大学		
当前申请(专利权)人(译)	阿克伦大学		
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CPC分类号	A61B90/37 A61B90/00 A61B90/20 A61B90/36 A61B2034/2048 A61B2034/2051 A61B2034/2055 A61B2090/309 A61B2090/365 A61B2090/371 A61B2090/372 A61B2090/3735 A61B2090/3762 A61B2090/3941 A61B2090/502		
优先权	61/942666 2014-02-21 US		
其他公开文献	EP3107476A1		
外部链接	Espacenet		

摘要(译)

用于引导医疗干预的成像和显示系统包括用于由用户观看的可穿戴显示器，例如护目镜显示器。显示器呈现复合或组合图像，其包括术前手术导航图像，术中图像和体内显微镜图像或传感数据。从扫描仪（例如MRI和CT扫描仪）获取术前图像，同时从由护目镜显示器携带的相机系统实时获取术中图像，用于对正在治疗的患者进行成像，以获取术中图像，如荧光图像。诸如显微镜探针或传感探针的探针用于从患者获取体内成像/传感数据。另外，使用跟踪和配准技术获取术中和体内图像，以使它们与术前图像和患者对准，以形成合成图像，以便由护目镜显示器显示。

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim:	CLASSIFICATION OF THE APPLICATION (IPC)
Category	Classification of documents with indication, where appropriate, of relevant passages		
X	WO 2011/06299 AC (UNIV IND & ACAD COLLABORATION [FR]; SONG TAEJIN [KR]) 5 January 2011 (2011-01-05) * abstract; figures 2-5 -	1, 2, 7, 8, 11, 12, 14, 15, 3, 13	3B9, A61B90/00
Y	EP 1 416 609 A1 (SHERWOOD SERV AG [CH]) 6 May 2006 (2006-05-06) * paragraph [0022] - paragraph [0024]; figures 1-5 * paragraph [0052] - paragraph [0055] -	3, 13	
A	US 2010/113940 A1 (SEN CHANDAN K [US] ET AL) 6 May 2010 (2010-05-06) * figures 1-7 A * paragraph [0048] - paragraph [0052] *	1-15	
A	WO 2013/112564 A1 (UNIV WASHINGTON [US]) 1 August 2013 (2013-08-01) * figures 11, 5 * paragraph [0026] - paragraph [0031] * * paragraph [0035] - paragraph [0034] * * paragraph [0037] * * paragraph [0041] * * paragraph [0046] - paragraph [0051] * * paragraph [0053] - paragraph [0066] *	1-15	TECHNICAL FIELD SEARCHED ** (IPC) A61B
A	US 2008/252893 A1 (ZULLAGA ANDRES FELIPE [US]) 16 October 2008 (2008-10-16) * figure 10 * paragraph [0027] - paragraph [0044] * * paragraph [0050] * * paragraph [0059] - paragraph [0060] * * paragraph [0067] - paragraph [0069] *	1-15	
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The above information was derived from the best available information at the time of the search.

1 Munich 11 October 2017 Roudaut, Tanguy

CLASSIFICATION OF CITED DOCUMENTS

X: priority document of the present application
Y: document of the same category with another international classification
A: non-priority document
P: intermediate document

1: priority of international, European, or national patent, or other filing office
2: priority of the application
L: document cited for other reasons
R: inventor of the same patent family, corresponding document