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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 12 74 7511

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	EP 1 870 018 A2 (UNIV LELAND STANFORD JUNIOR [US]) 26 December 2007 (2007-12-26)	1-3,5-14	INV. A61B1/05
A	* paragraph [0037]; figure 1b *	4	A61B1/07
X	US 2005/197530 A1 (WALLACE DANIEL T [US] ET AL) 8 September 2005 (2005-09-08)	1-3,5-14	
A	* paragraph [0032]; figure 3d *	4	
X	WO 2007/147060 A2 (VOYAGE MEDICAL INC [US]; SAADAT VAHID [US]; ABOLFATHI AMIR [US]; ROTHE) 21 December 2007 (2007-12-21)	1-3,5-14	
A	* paragraph [0234]; figures 60, 70 *	4	

TECHNICAL FIELDS SEARCHED (IPC)

A61B

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	15 December 2017	Fischer, Martin

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

EPO FORM 1503 03.82 (P04C04)

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 12 74 7511

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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15-12-2017

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		EP 1513440 A2	16-03-2005
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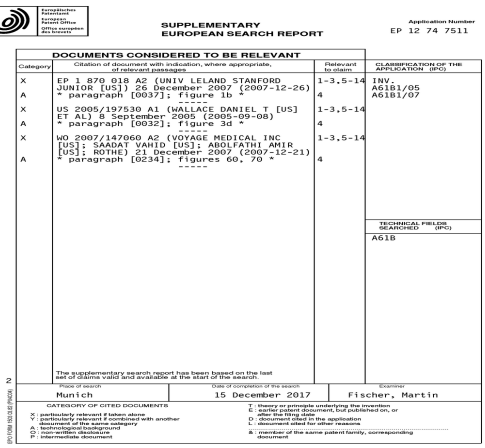
		WO 2007147060 A2	21-12-2007

专利名称(译)	用于内窥镜的光学耦合器		
公开(公告)号	EP2675335A4	公开(公告)日	2018-01-24
申请号	EP2012747511	申请日	2012-02-16
[标]申请(专利权)人(译)	通用医疗公司		
申请(专利权)人(译)	总医院CORPORATION		
当前申请(专利权)人(译)	总医院CORPORATION		
[标]发明人	TITUS JAMES SIDNEY		
发明人	TITUS, JAMES, SIDNEY		
IPC分类号	A61B1/05 A61B1/07		
CPC分类号	A61B1/00066 A61B1/00096 A61B1/00101 A61B1/00126 A61B1/00137 A61B1/053 A61B1/07 A61B17/00234 A61B17/068 A61B2017/00296		
审查员(译)	FISCHER，MARTIN		
优先权	61/443546 2011-02-16 US		
其他公开文献	EP2675335A2		
外部链接	Espacenet		

摘要(译)

公开了一种光学耦合器，其具有用于安装在光学成像装置的远端的附接部分，用于可视化覆盖有不透明流体和/或颗粒物质的表面区域。耦合器包括位于耦合器一端的可视化部分，其包括用于接合光学成像装置的远端的近端表面，连接到可视部分并从远处延伸的连接部分，与近端表面间隔开的外表面并且可以包括从近端表面朝向外表面延伸的中空器械通道。该表面从第一外侧边界连续延伸到可视部分的第二相对外侧边界。可视化部分可以由能够透射表面区域的光学图像的弹性材料形成。在一种形式中，该材料是硅凝胶或弹性体。



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