

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 14 87 8236

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 2012/178995 A1 (NEWTON IV JOHN P [US]) 12 July 2012 (2012-07-12)	1,2, 11-13	INV. A61B1/00
Y	* paragraphs [0047], [0048]; figures 9, 9A *	3-10	
Y	----- US 2012/238818 A1 (O'PREY CORMAC [GB] ET AL) 20 September 2012 (2012-09-20) * paragraph [0048]; figure 1B *	3-7	
Y	----- US 2011/082336 A1 (ITO HIROSHI [JP]) 7 April 2011 (2011-04-07) * paragraphs [0058] - [0060]; figures 4,7 * -----	8-10	
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
Place of search Munich		Date of completion of the search 24 August 2017	Examiner Schindler, 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			

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

EP 14 87 8236

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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24-08-2017

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2012178995 A1	12-07-2012	NONE	

US 2012238818 A1	20-09-2012	CA 2766671 A1	09-08-2012
		EP 2486845 A2	15-08-2012
		US 2012238818 A1	20-09-2012

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		JP 5330180 B2	30-10-2013
		JP 2011078454 A	21-04-2011
		US 2011082336 A1	07-04-2011

专利名称(译)	镜头盖修改		
公开(公告)号	EP3082562A4	公开(公告)日	2017-10-04
申请号	EP2014878236	申请日	2014-12-19
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IPC分类号	A61B1/00		
CPC分类号	A61B1/126 A61B1/00101 A61B1/00135 A61B1/00142		
审查员(译)	迅达MARTIN		
优先权	61/918855 2013-12-20 US		
其他公开文献	EP3082562A1 EP3082562B1		
外部链接	Espacenet		

摘要(译)

本发明包括用于保持观察或照明装置的物镜，特别是内窥镜，没有阻塞性流体和污垢的装置和方法；特别是具有设计成装配在内窥镜上的中空体的装置，保持在装置内并且在内窥镜的物镜前面穿过的透明镜片覆盖膜，从而在前面保持透明且无障的透明窗口。内窥镜镜头和端盖构造成为以密封方式接合镜头盖膜的相对边缘。

 EUROPEAN UNION INTELLECTUAL PROPERTY OFFICE (EUIPO)		SUPPLEMENTARY EUROPEAN SEARCH REPORT		Application No.: EP 14 87 8236	
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TECHNICAL FIELD (IPC)					
A61B					
STATE OF THE ART DISCUSSION					
The supplementary search report has been based on the last set of claims valid and available at the start of the search.					
Date of search:		Name of inventor or owner of the invention:		Inventor:	
Munich		24 August 2017		Schindler, Martin	
CATEGORY OF OTHER DOCUMENTS					
Categories relevant to patent documents: A = prior art documents which are neither publications nor proceedings of international conferences; B = prior art documents which are neither publications nor proceedings of international conferences; C = abstracts of scientific papers; D = other technical literature; E = non-patent literature; F = patents and patent applications; G = other documents relevant for other reasons.					
A = category of the same priority family, corresponding					