

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 15 79 3521

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 2012/101349 A1 (DELLOSTRITTO JAMES J [US] ET AL) 26 April 2012 (2012-04-26) * paragraphs [0002], [0011], [0012], [0015] *	1-14	INV. A61B5/1455 A61B5/00
X	WO 2009/124076 A1 (NELLCOR PURITAN BENNETT LLC [US]; PETERSEN ETHAN [US]; PEREZ MARK [US]) 8 October 2009 (2009-10-08) * paragraphs [0024] - [0030], [0033], [0035], [0037], [0039] *	1-14	
X	US 5 355 882 A (UKAWA TEIJI [JP] ET AL) 18 October 1994 (1994-10-18) * abstract * * column 2, line 15 - column 3, line 2 *	1,8	
			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 The Hague		Date of completion of the search 30 November 2017	Examiner Kowalczyk, Szczepan
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.**

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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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30-11-2017

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2012101349 A1	26-04-2012	NONE	

WO 2009124076 A1	08-10-2009	EP 2262414 A1	22-12-2010
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		JP H0622943 A	01-02-1994
		US 5355882 A	18-10-1994

专利名称(译)	通过在皮肤上放置单个传感器来测量血液中氧含量的系统和方法		
公开(公告)号	EP3142553A4	公开(公告)日	2018-01-10
申请号	EP2015793521	申请日	2015-05-15
申请(专利权)人(译)	NULINE传感器, LLC		
当前申请(专利权)人(译)	NULINE传感器, LLC		
[标]发明人	VOSCH MICHAEL J MOHLENHOFF JONATHAN R HERNANDEZ ADRIANA DOWNEY BENJAMIN M		
发明人	VOSCH, MICHAEL J. MOHLENHOFF, JONATHAN R. HERNANDEZ, ADRIANA DOWNEY, BENJAMIN M.		
IPC分类号	A61B5/1455 A61B5/00		
CPC分类号	A61B5/14551 A61B5/0022 A61B5/0075 A61B5/7435		
代理机构(译)	AWAPATENT AB		
优先权	61/993301 2014-05-15 US		
其他公开文献	EP3142553A1		
外部链接	Espacenet		

摘要(译)

本文公开了通过在皮肤上放置单个传感器来测量血液中氧含量的系统和方法。根据一个方面，一种方法包括使用光发射器来产生光并将光引导到皮肤表面。该方法还包括使用检测器来接收未吸收的光。此外，该方法包括基于未吸收的光测量血液中的氧饱和度水平。

 INSTITUTIONAL CONFIDENTIALITY INSTITUTIONNELLE CONFIDENTIALITEIT		SUPPLEMENTARY EUROPEAN SEARCH REPORT		Application Number EP 15 79 352.1	
DOCUMENTS CONSIDERED TO BE RELEVANT				CLASSIFICATION OF THE APPLICATION (IPC)	
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim			
X	US 2002/101349 A1 (DELLOSTRITTO JAMES J [US] ET AL.) 26 April 1 2012 (2012-04-26) paragraphs [0002], [0011], [0012], [0015]	1-14	1 INV. A61B5/1455 A61B5/00		
X	WO 2009/124076 A1 (NELLOR PURITAN BENNETT LLC [US]; PETERSEN EPHRAH [US]; PEREZ MARK [US]) 8 October 2009 (2009-10-08) + paragraphs [0024] - [0030], [0033], [0035], [0037], [0039]	1-14			
X	US 5 355 882 A (UKAWA TEIJI [JP] ET AL.) 18 October 1994 (1994-10-18) + abstract + column 5, line 15 - column 3, line 2 + + column 5, line 15 -----	1.8			
				TECHNICAL FIELD (MAGNETIC) (IPC)	
				A61B	
The supplementary search report has been based on the last set of claims valid at the date of publication of the search report.					
1	The Hague		30 of November 2017		Examiner Kowalczyk, Szczepan
CATEGORY OF RELEVANT DOCUMENTS					
2	a) supplementary relevant to claim only b) supplementary relevant to claim and/or abstract only c) supplementary relevant to claim, abstract and/or description only d) supplementary relevant to claim, abstract and/or description and/or figures only e) supplementary relevant to claim, abstract and/or description and/or figures and/or tables only f) supplementary relevant to claim, abstract and/or description and/or figures and/or tables and/or other material		1. relevant to technical solution 2. partially relevant document, but published on, or after the date of the application 3. other relevant to the application 4. relevant to the prior art 5. irrelevant of the same patent family, corresponding		