

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 14 90 2715

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 5 293 875 A (STONE ROBERT T [US]) 15 March 1994 (1994-03-15) * column 1, lines 38-45 * * column 2, line 64 - column 3, line 40 * * column 5, line 10 - column 6, line 52 * * column 7, line 25 - column 8, line 39 * * column 11, line 21 - column 16, line 54; claims; figures *	1-10	INV. A61B5/00 A61B5/097 A61B5/083 A61B5/08
A	US 2005/177056 A1 (GIRON BOAZ [IL] ET AL) 11 August 2005 (2005-08-11) * paragraphs [0020], [0023], [0026], [0030] - [0032], [0042] - [0060], [0069] - [0074], [0076] - [0077], [0079], [0085] - [0089], [0095] - [0097]; claims; figures *	1-10	
			TECHNICAL FIELDS SEARCHED (IPC)
			A61B G01N
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 13 April 2018	Examiner Crisan, Carmen-Clara
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 90 2715

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
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

13-04-2018

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5293875	A	15-03-1994	NONE	

US 2005177056	A1	11-08-2005	AT 517577 T	15-08-2011
			AU 2003209643 A1	16-09-2003
			EP 1480557 A2	01-12-2004
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			JP 2005519272 A	30-06-2005
			US 2005177056 A1	11-08-2005
			WO 03073935 A2	12-09-2003

专利名称(译)	测量肺泡空气中内源性co浓度的方法和装置		
公开(公告)号	EP3199098A4	公开(公告)日	2018-05-23
申请号	EP2014902715	申请日	2014-09-23
[标]申请(专利权)人(译)	深圳市先亚生物科技有限公司		
[标]发明人	MA YONGJIAN		
发明人	MA, YONGJIAN		
IPC分类号	A61B5/00		
CPC分类号	G01N33/497 A61B5/0075 A61B5/082 A61B5/0836 A61B5/097 G01N27/00 G01N33/0029		
代理机构(译)	HELLMICH , WOLFGANG		
其他公开文献	EP3199098A1		
外部链接	Espacenet		

摘要(译)

1.一种测量肺泡空气中内源性CO浓度的方法和装置，其特征在于，包括：1，提出一种少量多次间歇性注射样品的方法，完成后在气室内建立样气与气体之间的CO浓度关系样品注射;2.建立“浓度差/电位差”差值拟合方法，以获得样品气与基础气之间的差值的拟合标准曲线;3.建立能够测量CO和CO₂的设备，用于测量样品气体与基础气体之间的CO浓度差和CO₂浓度差;4.提出一种补偿肺泡空气中内源性CO的测量值的方法。通过采用少量多次间歇性注射样品的方法，解决了呼气试验样气量少，不能完全替代原有气室内气体的问题。差值拟合方法有效地消除了电子零位漂移和未知浓度的残余CO在清洁气体中的影响。补偿方法可消除测量时由温度和压力引起的偏移与校准时的温度和压力不同或来自周围的空气混入样气中。

DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim	Classification of the prior art (IPC)
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X	US 5 293 875 A (STONE ROBERT T [US]) 15 March 1994 ((1994-03-15)) * column 1, lines 38-45; * column 2, line 64 - column 3, line 49; * column 5, line 10 - column 6, line 52; * column 7, line 25 - column 8, line 38; * column 11, line 21 - column 16, line 54; claims; figures	1-10	INV. A61B5/00 A61B5/097 A61B5/083 A61B5/08
A	US 2005/177056 A1 (GIRON BOAZ [IL] ET AL.) 11 August 2005 ((2005-08-11)) paragraphs [0020], [0023], [0026] [0030] - [0032], [0042] - [0060] [0074], [0076] - [0077], [0079], [0083] [0085] - [0089], [0095] - [0097]; claims; figures	1-10	TECHNICAL FIELD A61B G01N
The supplementary search report page form (based on the last page of the search report) shall be available at the start of the search.			
Date of receipt The Hague		Date of completion of the search 13 April 2016	Examiner Crisan, Carmen-Clara
CATEGORY OF CITED DOCUMENTS C) previously relevant if before above classification of relevant documents with another classification of relevant documents with another A) previously relevant if before above classification of relevant documents with another classification of relevant documents with another B) previously relevant if before above classification of relevant documents with another classification of relevant documents with another			