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(54) Pharma-informatics system

(57) Compositions, systems and methods that allow for the detection of the actual physical delivery of a pharmaceutical agent to a body are provided. Embodiments of the compositions include an identifier and an active agent. The invention finds use in a variety of different applications, including but not limited to, monitoring of therapeutic regimen compliance, tracking the history of pharmaceutical agents, etc.

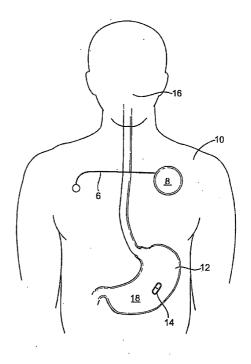


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number EP 13 18 2679

	DOCUMENTS CONSID	ERED TO BE RELEVANT			
Category	Citation of document with in of relevant passa	ndication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)	
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х	ET AL) 6 May 2004 (1-5,10, 11,14		
X	17 March 2005 (2005 * paragraphs [0035] -& US 2006/145876 A ET AL) 6 July 2006	; NOTANI MORĪHITŌ [JP]) -03-17) - [0043], [0052] * .1 (KIMURA HITOSHI [JP]	1,2,10, 11,14		
X	US 4 494 950 A (FISCHELL ROBERT E [US]) 22 January 1985 (1985-01-22) * column 4, line 26 - column 6, line 4; figures 2,3 * * column 6, line 5 - column 8, line 21; figure 4 *		1-7,10, 14	TECHNICAL FIELDS SEARCHED (IPC) A61B G06F A61M A61J	
X	US 4 987 897 A (FUN 29 January 1991 (19 * column 6, line 4 figure 1 * * column 9, lines 2	1-5,10, 14			
	The present search report has t	'			
	Place of search	Date of completion of the search		Examiner	
	Berlin	20 September 2013	3 Tra	chterna, Morten	
X : parti Y : parti docu A : tech O : non-	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with another iment of the same category inclogical background written disclosure rmediate document	E : earlier patent door after the filing date D : dooument cited in L : document cited for 	T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filling date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document		



Application Number

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CLAIMS INCURRING FEES				
The present European patent application comprised at the time of filing claims for which payment was due.				
Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):				
No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.				
LACK OF UNITY OF INVENTION				
The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:				
see sheet B				
All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.				
As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.				
Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:				
None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims: 1-7, 10, 11, 14, 15				
The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).				



LACK OF UNITY OF INVENTION SHEET B

Application Number

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-7, 10, 11, 14, 15

A system according to claim 1 wherein the receiver further comprises an electrode for signal reception

2. claims: 8, 9

A system according to claim 1 wherein the receiver comprises a cardiac monitoring element

3. claims: 12, 13

A system according to claim 1 comprising a dosage dispenser element for dispensing a dosage of a composition based on signal obtained from the identifier, wherein the composition comprises an active agent, an identifier that emits a signal when it contacts a targeted site, and a pharmaceutically acceptable carrier.

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

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82



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[标]申请(专利权)人(译)	普罗秋斯数字健康公司				
申请(专利权)人(译)	PROTEUS数字医疗,INC.				
当前申请(专利权)人(译)	PROTEUS数字医疗,INC.				
[标]发明人	ZDEBLICK MARK PIKELNY ALEXANDER ROBERTSON TIMOTHY				
发明人	ZDEBLICK, MARK PIKELNY, ALEXANDER ROBERTSON, TIMOTHY				
IPC分类号	A61B5/07 A61K9/48 A61B5/00				
CPC分类号	A61B5/0028 A61B5/0031 A61B5/073 A61B5/4839 A61B5/6861 A61J3/007 H01Q1/273 Y10T29/49117 A61B5/07 A61B5/076 A61B5/1473 A61B5/4833 A61B5/681 A61B5/7282 A61B2560/0214 A61B2560 /0462 A61B2562/08 A61B2562/162 G06K7/10168				
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摘要(译)

提供了允许检测药剂向身体的实际物理递送的组合物,系统和方法。组合物的实施方案包括标识符和活性剂。本发明可用于各种不同的应用,包括但不限于监测治疗方案的顺应性,跟踪药剂的历史等。

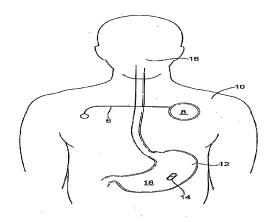


FIG. 1