

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 15 86 1925

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	SCHAEFER ERNST J ET AL: "Prediction of Cardiovascular Disease in the Framingham Offspring Study", CIRCULATION, vol. 130, no. Suppl. 2, 14 November 2014 (2014-11-14), page 17053, XP009504070, & SCIENTIFIC SESSIONS OF THE AMERICAN-HEART-ASSOCIATION AND AMERICAN-STROKE-ASSOCIATION / RESUSCITATION SCIENCE SYMPOSIUM; CHICAGO, IL, USA; NOVEMBER 15 -19, 2014 originally published 14 November 2014; * abstract *	1-14	INV. A61B5/0205 C12Q1/60 G01N33/53 G05B13/04 G06F19/12
Y	----- KOBASHINJI ET AL: "Significance of small dense low-density lipoproteins in coronary heart disease", NEW FRONTIERS IN LIFESTYLE-RELATED DISEASES SPRINGER, 233 SPRING STREET, NEW YORK, NY 10013, UNITED STATES, 2008, pages 115,122-123, XP009504095, & 3RD INTERNATIONAL SYMPOSIUM FOR LIFE SCIENCE; TOKYO, JAPAN; 20060913, * abstract *	1-14	TECHNICAL FIELDS SEARCHED (IPC) G01N C12Q
Y	----- ASZTALOS B F ET AL: "Distribution of ApoA-I-containing HDL subpopulations in patients with coronary heart disease.", ARTERIOSCLEROSIS, THROMBOSIS, AND VASCULAR BIOLOGY DEC 2000, vol. 20, no. 12, December 2000 (2000-12), pages 2670-2676, XP002779146, ISSN: 1524-4636 * abstract; table 3 * ----- -/-	1-14	
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 Munich		Date of completion of the search 15 March 2018	Examiner Luis Alves, Dulce
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			

2
EPO FORM 1503 03.82 (P04C04)

**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 15 86 1925

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	US 2014/088072 A1 (ASZTALOS BELA F [US] ET AL) 27 March 2014 (2014-03-27) * paragraphs [0021] - [0026], [0038] *	1-14	
Y	WO 2011/153271 A1 (BOSTON HEART LAB [US]; SCHAEFER ERNST J [US]; ASZTALOS BELA F [US]) 8 December 2011 (2011-12-08) * claims 16-18 *	1-14	
A	ENSIGN WAYNE ET AL: "Disparate LDL phenotypic classification among 4 different methods assessing LDL particle characteristics.", CLINICAL CHEMISTRY SEP 2006, vol. 52, no. 9, September 2006 (2006-09), pages 1722-1727, XP002779147, ISSN: 0009-9147 * the whole document *	1-14	
			TECHNICAL FIELDS SEARCHED (IPC)
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 Munich		Date of completion of the search 15 March 2018	Examiner Luis Alves, Dulce
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			

2

EPO FORM 1503 03.82 (P04C04)

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

EP 15 86 1925

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.

15-03-2018

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2014088072 A1	27-03-2014	NONE	

WO 2011153271 A1	08-12-2011	AU 2011261480 A1	20-12-2012
		CA 2816532 A1	08-12-2011
		EP 2577312 A1	10-04-2013
		WO 2011153271 A1	08-12-2011

专利名称(译)	心血管疾病风险评估		
公开(公告)号	EP3220810A4	公开(公告)日	2018-05-16
申请号	EP2015861925	申请日	2015-11-17
[标]申请(专利权)人(译)	波士顿HEART诊断		
申请(专利权)人(译)	波士顿HEART诊断CORPORATION		
当前申请(专利权)人(译)	波士顿HEART诊断CORPORATION		
[标]发明人	SCHAEFER ERNST J		
发明人	SCHAEFER, ERNST, J.		
IPC分类号	A61B5/0205 C12Q1/60 G01N33/53 G05B13/04 G06F19/12		
CPC分类号	G01N33/92 G01N2333/775 G01N2405/00 G01N2800/32 G01N2800/50 G16B40/00		
优先权	62/080833 2014-11-17 US		
其他公开文献	EP3220810A1		
外部链接	Espacenet		

摘要(译)

本发明提供了分析心血管疾病风险的方法。本发明的方法基于参数包括sdLDL-C的血液水平， α -1 HDL中的ApoA-I和Lp (a) 以及关于患者的年龄和血压历史的信息，提供个体发生心血管疾病的概率。治疗，吸烟和糖尿病。本发明的方法不依赖于标准风险因子测量，例如CRP，总胆固醇，体重指数，重量，甘油三酯等。

		SUPPLEMENTARY EUROPEAN SEARCH REPORT		Application Number EP 15 86 1925
DOCUMENTS CONSIDERED TO BE RELEVANT				
Category	Character of document with respect to nature, content, presentation, or other distinguishing features	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)	
X	SCHAEFER ERNST J ET AL: "Prediction of Cardiovascular Disease in the Framingham Offspring Study", vol. 130, no. Suppl. 2, 14 November 2014 (2014-11-14), page 17053, XP000000000 A SCIENTIFIC SESSIONS OF THE AMERICAN HEART ASSOCIATION AND THE AMERICAN COLLEGE OF CARDIOLOGY RESUSCITATION SCIENCE SYMPOSIUM: CHICAGO, ILL. 15 NOVEMBER 15-16 NOVEMBER 2014; abstract: previously published 14 November 2014; abstract *	1-14	1B6 A61B5/0205 C12Q1/60 G01N33/53 G05B13/04 G06F19/12	
Y	KOBA SHINJI ET AL: "Significance of small dense low-density lipoproteins in coronary heart disease", NEW FRONTIERS IN LIFESTYLE-RELATED DISEASES SPRINGER, 233 SPRING STREET, NEW YORK, NY 10013, UNITED STATES, 2008, pages 115-122-123, XP000000000 B AND INTERNATIONAL SYMPOSIUM FOR LIFE SCIENCE: TOKYO, JAPAN; 20060951005; abstract *	1-14	TECHNICAL FIELD SEARCHED (IPC)	
Y	ASZTALOS B F ET AL: "Distribution of ApoA-I-containing HDL subpopulations in patients with coronary heart disease, ARTERIOSCLEROSIS, THROMBOSIS, AND VASCULAR BIOLOGY DEC 2000, vol. 20, no. 12, December 2000 (2000-12), pages 2670-2676, XP002779146, ISSN: 1058-4836 * abstract; table 3 *	1-14	G01N C12Q	
-/-				
The supplementary search report has been based on the best prior art available at the start of the search				
Munich		Date of completion of the search		Luis Alves, Dulce
15 March 2018				
CATEGORY OF CITED DOCUMENTS				
X	previously referred to in the state of the art	E: priority or patentable invention, only the invention, or		
Y	document of the same category with another	F: document cited in the application		
Z	non-prior art document	G: document cited for other reasons		
A	prior art document	H: document of the same patent family, corresponding document		