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(54) **WEARABLE BIOMETRIC INFORMATION MEASUREMENT DEVICE**

(57) A biometric information measurement device is provided. The device includes a substrate unit including components required for operation of the biometric information measurement device, and electrodes for measuring biometric information. The components and the electrodes are disposed on a single side of the substrate unit. The device also includes a case having a first sur-

face and a second surface. The first surface is attached to an attachment pad for attaching the biometric information measurement device to a body, and the second surface faces the single side of the substrate unit. The electrodes are each exposed through respective openings in the first surface.

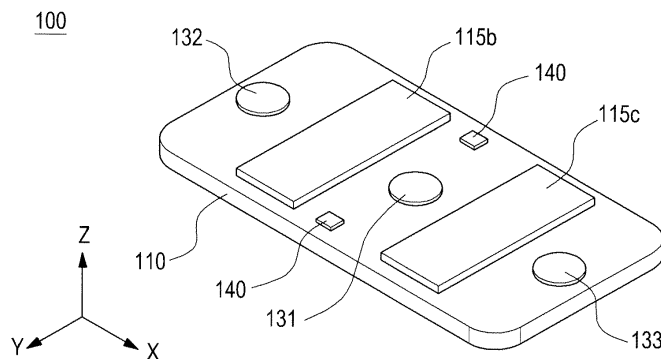


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 15 18 1421

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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 2012/088999 A1 (BISHAY JON MIKALSON [US] ET AL) 12 April 2012 (2012-04-12)	1-4,6-8	INV. A61B5/00 A61B5/024 A61B5/0408
Y	* abstract *	9,10	
A	* paragraph [0050] - paragraph [0077] * * figures 1-22 *	5,11-15	

A	US 2014/100432 A1 (GOLDA GEORGE STEFAN [US] ET AL) 10 April 2014 (2014-04-10) * paragraph [0018] - paragraph [0030] * * figures 1A-1G *	1-15	

Y	WO 2013/179368 A1 (NIPRO CORP [JP]; HARADA ELECTRONICS CO LTD [JP]; SANO YOSHIHIKO [JP];) 5 December 2013 (2013-12-05)	9,10	
A	* abstract *	1-8, 11-15	
& EP 2 856 937 A1 (NIPRO CORP [JP]; HARADA ELECTRONICS CO LTD [JP]) 8 April 2015 (2015-04-08) * paragraph [0013] - paragraph [0015] * * figure 1 *			

X	US 2014/213878 A1 (BANET MATT [US] ET AL) 31 July 2014 (2014-07-31)	11-15	A61B
A	* abstract * * paragraph [0005] * * paragraph [0025] * * paragraph [0046] - paragraph [0061] * * figures 1-9 *	1-10	

The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 2 June 2016	Examiner Marteau, Frédéric
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			

EPO FORM 1503 03/02 (P04C01)



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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

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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):

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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.

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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:

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see sheet B

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All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

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As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

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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:

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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:

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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).

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LACK OF UNITY OF INVENTION
SHEET B

Application Number
EP 15 18 1421

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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:

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1. claims: 1-8

A biometric information measurement device

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2. claims: 9, 10

A biometric information measurement device with an improved attachment pad

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3. claims: 11-15

A method for ensuring proper functioning of biometric information measurement device

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

EP 15 18 1421

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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.

02-06-2016

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EPO FORM P0459

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

专利名称(译)	可穿戴生物信息测量设备		
公开(公告)号	EP2995244A3	公开(公告)日	2016-07-06
申请号	EP2015181421	申请日	2015-08-18
[标]申请(专利权)人(译)	三星电子株式会社		
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发明人	KIM, JAE-HONG LEE, JEA-HYUCK MIN, JIN-HONG CHO, JAE-GEOL		
IPC分类号	A61B5/00 A61B5/024 A61B5/0408		
CPC分类号	A61B5/02444 A61B5/04085 A61B5/6833 A61B5/6843 A61B2560/0468 A61B2562/043 A61B2562/166 A61B5/04012 A61B5/04087 A61B5/044 A61B5/4812 A61B5/7475 A61B2562/04 A61B2562/16		
审查员(译)	frÉdÉric锤		
优先权	1020140107298 2014-08-18 KR 1020150101727 2015-07-17 KR		
其他公开文献	EP2995244A2		
外部链接	Espacenet		

摘要(译)

本发明提供一种生物体信息测定装置。该装置包括：基板单元，包括生物测量信息测量装置的操作所需的部件；以及用于测量生物测量信息的电极。部件和电极设置在基板单元的单侧上。该装置还包括具有第一表面和第二表面的壳体。第一表面附接到用于将生物测量信息测量装置附接到主体的附接垫，并且第二表面面向基板单元的单侧。电极通过第一表面中的相应开口暴露。

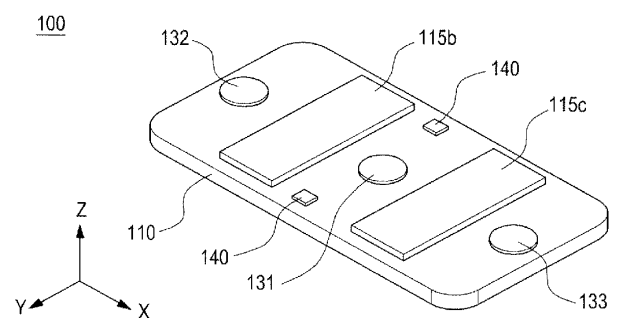


FIG. 1