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(54) **System for monitoring health, wellness and fitness having a method and apparatus for improved measurement of heat flow**

(57) Means and methods for measuring heat flux between a living body and an ambient atmosphere and for generating information related thereto. Means include a heat pipe configuration comprising at least one heat conduit in thermal communication with a heat flux sensor and a surface of a living body. Methods include employing such a heat pipe configuration. Heat pipe configuration may be used in a device included in a system for detecting, monitoring and reporting human physiological information.

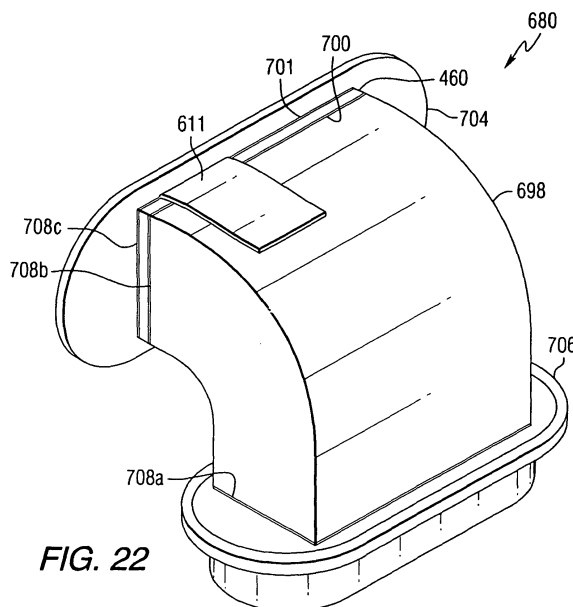


FIG. 22



EUROPEAN SEARCH REPORT

Application Number
EP 06 02 1280

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	* column 3, line 40 - line 45 *		
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	* page 12, line 1 - line 22; figures 2,3 *		

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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		16 April 2009	Hunt, Brynley
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			

 8
EPO FORM 1503 03.82 (P04C01)



EUROPEAN SEARCH REPORT

Application Number
EP 06 02 1280

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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A	EP 0 778 000 A (OHMEDA INC [US] DATEX OHMEDA INC [US]) 11 June 1997 (1997-06-11) * column 5, line 29 - line 39; figures 1-5 *	1	
			TECHNICAL FIELDS SEARCHED (IPC)
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 16 April 2009	Examiner Hunt, Brynley
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			

8
EPO FORM 1503 03.82 (P04C01)

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

EP 06 02 1280

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.

16-04-2009

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

专利名称(译)	用于监测健康，健康和健身的系统，具有用于改进热流测量的方法和设备		
公开(公告)号	EP1743571A3	公开(公告)日	2009-05-27
申请号	EP2006021280	申请日	2002-03-28
[标]申请(专利权)人(译)	人体媒介公司		
申请(专利权)人(译)	BODYMEDIA INC.		
当前申请(专利权)人(译)	BODYMEDIA INC.		
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IPC分类号	A61B5/00 G01K17/00 A61B5/01 A61B5/04 A61B5/08 A61B5/107 A61B5/145 A61B5/1477 A61B5/22 G01K17/20		
CPC分类号	A61B5/01 A61B5/0008 A61B5/222 A61B5/411 A61B5/6824 A61B2560/0456 A61B2562/02 F28D15/0241		
优先权	09/822890 2001-03-30 US		
其他公开文献	EP1743571A2		
外部链接	Espacenet		

摘要(译)

用于测量活体和环境大气之间的热通量并用于产生与其相关的信息的装置和方法。装置包括热管配置，该热管配置包括与热通量传感器和活体表面热连通的至少一个热导管。方法包括采用这种热管配置。热管配置可以用在包括在系统中的设备中，用于检测，监测和报告人体生理信息。

