



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
29.08.2012 Bulletin 2012/35

(51) Int Cl.:
A61B 5/00 (2006.01)

(43) Date of publication A2:
08.08.2012 Bulletin 2012/32

(21) Application number: **12163159.2**

(22) Date of filing: **25.07.2006**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

(30) Priority: **26.07.2005 US 702779 P**

(62) Document number(s) of the earlier application(s) in accordance with Art. 76 EPC:
06788359.5 / 1 912 558

(71) Applicant: **adidas AG**
91074 Herzogenaurach (DE)

(72) Inventor: **Behar, Andrew**
Ojai, CA 93023 (US)

(74) Representative: **Wunsch, Alexander**
Bardehle Pagenberg
Prinzregentenplatz 7
81675 München (DE)

(54) **Computer interfaces including physiologically guided avatars**

(57) This invention provides user interfaces that more intuitively display physiological data obtained from physiological monitoring of one or more subjects. Specifically, the user interfaces of this invention create and display one or more avatars having behaviors guided by physiological monitoring data. The monitoring data is

preferably obtained when the subject is performing normal tasks without substantial restraint. This invention provides a range of implementations that accommodate user having varying processing and graphics capabilities, e.g., from handheld electronic devices to ordinary PC-type computers and to systems with enhanced graphics capabilities.

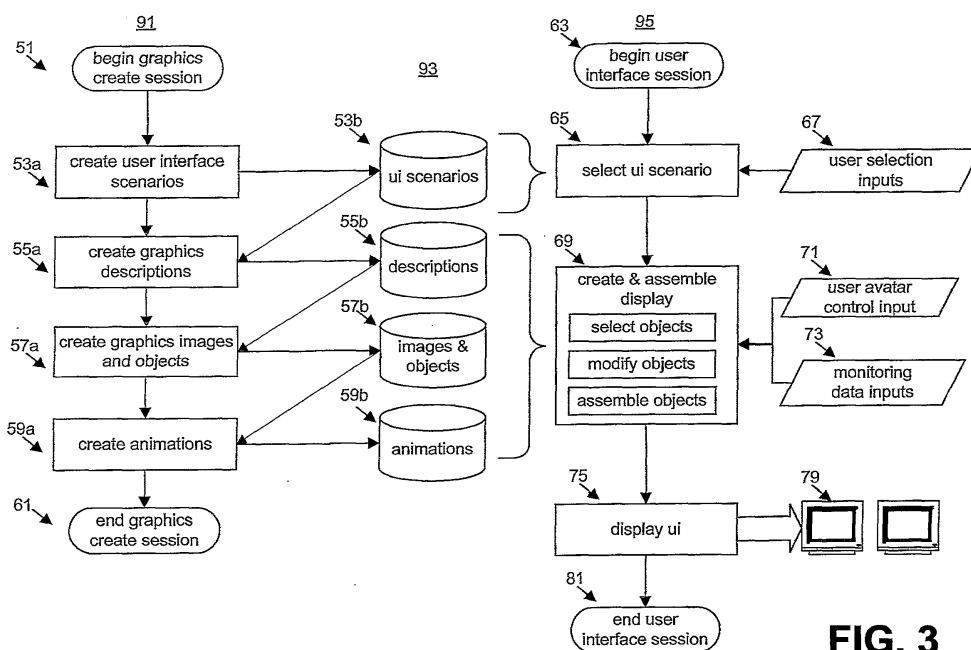


FIG. 3



EUROPEAN SEARCH REPORT

Application Number
EP 12 16 3159

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	WO 02/37827 A2 (NAVAL POSTGRADUATE SCHOOL [US]; BACHMANN ERIC R [US]; MCGHEE ROBERT B) 10 May 2002 (2002-05-10) * figure 4 * * page 18, line 30 - page 20, line 5 * -----	1-15	INV. A61B5/00
A	US 2004/167420 A1 (SONG CHUL GYU [KR] ET AL) 26 August 2004 (2004-08-26) * figure 11 * * paragraphs [0027], [0040], [0086] - [0089] * -----	1-15	
X	US 2004/002634 A1 (NIHTILA JUKKA [FI] NIHTILAE JUKKA [FI]) 1 January 2004 (2004-01-01) * figures 2A,2B,3 * * paragraph [0025] - paragraph [0034] * * paragraph [0047] - paragraph [0048] * * paragraph [0065] - paragraph [0067] * -----	1-15	
X	WO 2005/016137 A1 (SONY CORP [JP]; MIYAJIMA YASUSHI [JP]; SAKO YOICHIRO [JP]; TERAUCHI TO) 24 February 2005 (2005-02-24) * figures 1,6-8 * * page 4 - page 7 * * page 9 * -& EP 1 656 880 A1 (SONY CORP [JP]) 17 May 2006 (2006-05-17) * This English family member discloses the same information as the Japanese PCT application * -----	1-15	TECHNICAL FIELDS SEARCHED (IPC) A61B G09B G06F G06N A63F G06T A63B
X	WO 01/29799 A2 (IMPULSE TECHNOLOGY LTD [US]; FRENCH BARRY J [US]; FERGUSON KEVIN R [US]) 26 April 2001 (2001-04-26) * figures 1,2,30 * * page 4, line 30 - page 9, line 12 * * page 54, line 19- line 23 * -----	1-15	
3 The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 23 July 2012	Examiner Vanderperren, Yves
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 03.82 (P04C01)

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

EP 12 16 3159

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.

23-07-2012

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0237827	A2	10-05-2002	AU 3057802 A	15-05-2002
			US 7089148 B1	08-08-2006
			US 2002103610 A1	01-08-2002
			WO 0237827 A2	10-05-2002

US 2004167420	A1	26-08-2004	NONE	

US 2004002634	A1	01-01-2004	US 2004002634 A1	01-01-2004
			US 2005101845 A1	12-05-2005

WO 2005016137	A1	24-02-2005	AU 2004264761 A1	24-02-2005
			EP 1656880 A1	17-05-2006
			EP 2298156 A1	23-03-2011
			EP 2298157 A1	23-03-2011
			HK 1095506 A1	04-12-2009
			JP 3931889 B2	20-06-2007
			JP 2005095570 A	14-04-2005
			KR 20060058105 A	29-05-2006
			SG 142298 A1	28-05-2008
			US 2006217598 A1	28-09-2006
			WO 2005016137 A1	24-02-2005

EP 1656880	A1	17-05-2006	AU 2004264761 A1	24-02-2005
			EP 1656880 A1	17-05-2006
			EP 2298156 A1	23-03-2011
			EP 2298157 A1	23-03-2011
			HK 1095506 A1	04-12-2009
			JP 3931889 B2	20-06-2007
			JP 2005095570 A	14-04-2005
			KR 20060058105 A	29-05-2006
			SG 142298 A1	28-05-2008
			US 2006217598 A1	28-09-2006
			WO 2005016137 A1	24-02-2005

WO 0129799	A2	26-04-2001	NONE	

专利名称(译)	计算机接口包括生理指导的化身		
公开(公告)号	EP2484276A3	公开(公告)日	2012-08-29
申请号	EP2012163159	申请日	2006-07-25
[标]申请(专利权)人(译)	阿迪达斯股份公司		
申请(专利权)人(译)	阿迪达斯		
当前申请(专利权)人(译)	阿迪达斯		
[标]发明人	BEHAR ANDREW		
发明人	BEHAR, ANDREW		
IPC分类号	A61B5/00		
CPC分类号	G06T13/40 A61B5/0002 A61B5/0022 A61B5/01 A61B5/0205 A61B5/0531 A61B5/08 A61B5/1116 A61B5/1118 A61B5/165 A61B5/6801 A61B5/6805 A61B5/6831 A61B5/743 A61B5/744 A61B5/7475 G06F1/163 G06F3/011 G06F19/34 G06F19/3418 G06T2207/30004 G06T2207/30104 G06T2210/41 G06T2215/16 G16H50/50 Y10S128/92		
代理机构(译)	WUNSCH , ALEXANDER		
审查员(译)	VANDERPERREN , YVES		
优先权	60/702779 2005-07-26 US		
其他公开文献	EP2484276A2		
外部链接	Espacenet		

摘要(译)

本发明提供了更直观地显示从一个或多个对象的生理监测获得的生理数据的用户界面。具体地，本发明的用户界面创建并显示具有由生理监测数据引导的行为的一个或多个化身。优选地，当受试者在没有实质约束的情况下执行正常任务时获得监测数据。本发明提供了一系列实现，其适应具有不同处理和图形能力的用户，例如，从手持电子设备到普通PC型计算机以及具有增强图形能力的系统。

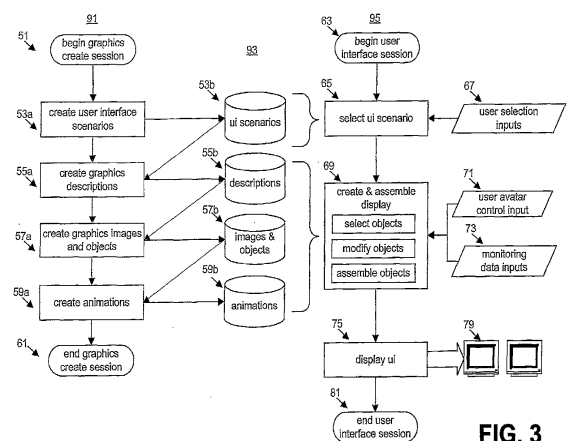


FIG. 3