



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	WO 96/25089 A (MINIMED INC [US]) 22 August 1996 (1996-08-22) * the whole document * -----	1-69	INV. A61B5/00
Y	WO 02/40083 A (INSULET CORP [US]) 23 May 2002 (2002-05-23) * the whole document * -----	1-69	ADD. A61M5/142
Y	US 2002/040208 A1 (FLAHERTY J CHRISTOPHER [US] ET AL) 4 April 2002 (2002-04-04) * paragraphs [0079], [0080], [0115]; figures 1a-4,13 * -----	1-69	
Y	WO 96/14026 A (ELAN MED TECH [IE]; GROSS JOSEPH [IE]; KELLY JOHN GERARD [IE]) 17 May 1996 (1996-05-17) * page 6, paragraph 3 - page 7, paragraph 1 * * page 9, paragraph 3 - page 10, paragraph 1; figure 1 * -----	1-69	
			TECHNICAL FIELDS SEARCHED (IPC)
			A61M A61B
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 17 July 2008	Examiner Ceccarelli, David
CATEGORY OF CITED DOCUMENTS		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	
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			

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

EP 03 76 4384

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
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17-07-2008

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9625089	A	22-08-1996	DE 69627575 D1	28-05-2003
			DE 69627575 T2	20-11-2003
			EP 0748184 A1	18-12-1996
			JP 3657617 B2	08-06-2005
			JP 9512200 T	09-12-1997
			US 5568806 A	29-10-1996

WO 0240083	A	23-05-2002	AT 352333 T	15-02-2007
			AT 383884 T	15-02-2008
			AU 3978102 A	27-05-2002
			CA 2427567 A1	23-05-2002
			CA 2594576 A1	23-05-2002
			CN 1612758 A	04-05-2005
			DE 60126325 T2	08-11-2007
			DK 1341569 T3	29-05-2007
			DK 1702635 T3	26-05-2008
			EP 1341569 A2	10-09-2003
			EP 1702635 A2	20-09-2006
			EP 1695727 A2	30-08-2006
			ES 2281457 T3	01-10-2007
			ES 2300082 T3	01-06-2008
			JP 2004532659 T	28-10-2004
			US 2002123740 A1	05-09-2002

US 2002040208	A1	04-04-2002	NONE	

WO 9614026	A	17-05-1996	AT 205686 T	15-10-2001
			AU 693279 B2	25-06-1998
			AU 3880095 A	31-05-1996
			CA 2204370 A1	17-05-1996
			DE 69522821 D1	25-10-2001
			DE 69522821 T2	11-04-2002
			EP 0789540 A1	20-08-1997
			IE 940865 A1	15-05-1996
			JP 10508518 T	25-08-1998
			NZ 295458 A	29-04-1999
			ZA 9509309 A	29-05-1996

专利名称(译)	独立的自动经皮生理传感系统		
公开(公告)号	EP1545295A4	公开(公告)日	2008-08-27
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[标]申请(专利权)人(译)	茵斯莱特有限公司		
申请(专利权)人(译)	Insulet公司		
当前申请(专利权)人(译)	Insulet公司		
[标]发明人	FLAHERTY CHRISTOPHER J GORMAN WILLIAM MASON DUANE R		
发明人	FLAHERTY, CHRISTOPHER, J. GORMAN, WILLIAM MASON, DUANE, R.		
IPC分类号	A61B5/00 A61M A61M5/142 A61M5/158 A61M5/32 A61M37/00 B65D81/00		
CPC分类号	A61M5/14248 A61B5/0002 A61B5/14532 A61B5/14546 A61B5/150022 A61B5/150221 A61B5/150389 A61B5/150412 A61B5/150526 A61B5/15087 A61B5/150969 A61B5/15105 A61B5/15109 A61B5/15113 A61B5/15117 A61B5/15119 A61B5/15128 A61B5/15144 A61B5/15146 A61B5/15153 A61B5/157 A61B5/411 A61B5/4839 A61M2005/14252 A61M2005/1426 A61M2005/14264 A61M2005/14268 A61M2005/1581 A61M2005/1583 A61M2005/1585 A61M2205/0266 A61M2205/0288 A61M2205/3569 A61M2205/3592 A61M2205/505 A61M2205/583 A61M2205/585 A61M2209/01 A61M2230/201		
优先权	10/195745 2002-07-15 US		
其他公开文献	EP1545295A2		
外部链接	Espacenet		

摘要(译)

一种用于监测人的生理参数的装置包括用于测量与人相关的生理参数的传感器装置;处理器,用于处理由传感器装置产生的生理参数的测量值;连接在传感器装置和处理器之间的经皮元件,包括位于其远端的穿透构件,用于刺穿人的皮肤;壳体包括传感器装置,经皮元件和处理器,壳体包括用于在将远端注射到人体内时接收经皮元件的远端的出口和用于将壳体的第一壁固定到壳体的装置。人的皮肤;和注射激活装置,包括驱动机构,该驱动机构接触经皮元件,用于驱动穿透元件从壳体内部的第一位置,通过出口到达第二位置,在壳体外部并进入人的皮肤。

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Place of search: Munich		Date of completion of the search: 17 July 2008	Searcher: Ceccarelli, David
CATEGORY OF CITED DOCUMENTS > particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written literature P: intermediate document I: theory or principle underlying the invention E: earlier patent document, not published or, or after the filing date C: document cited for other reasons L: document cited for other reasons &: member of the same patent family, corresponding document			