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(71) Applicants:
• **Roche Diabetes Care GmbH**
68305 Mannheim (DE)
Designated Contracting States:
DE
• **F. Hoffmann-La Roche AG**
4070 Basel (CH)
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(72) Inventors:
• **Arnitz, Theo**
68753 Waghäusel (DE)
• **Calasso, Irio**
6415 Arth (CH)

- **Fuerst, Otto**
68519 Viernheim (DE)
- **Griss, Patrick**
8112 Otelfingen (CH)
- **Haar, Hans-Peter**
69168 Wiesloch (DE)
- **Hasker, David**
San Jose 95119 (US)
- **Jaeggi, Rainer D.**
8800 Thalwil (CH)
- **Kraemer, Uwe**
68549 Ilvesheim (DE)
- **List, Hans**
64754 Hesseneck-Kailbach (DE)
- **Roe, Steven N.**
San Mateo, CA 94403 (US)
- **Sarofim, Emad**
6332 Hagendorn (CH)
- **Schmid, Wilfried**
68165 Mannheim (DE)
- **Zimmer, Volker**
54497 Morbach (DE)

(74) Representative: **Meinel, Anne Julia**
Roche Diabetes Care GmbH
Sandhofer Straße 116
68305 Mannheim (DE)

(54) **Body fluid sampling device**

(57) Body fluid sampling device comprising a skin-piercing element (1) having a collection zone (2) for receiving body fluid, and the device further comprising a fluid receiving means (10) remote spaced apart from said collection zone so that body fluid in said collection zone will not contact the fluid receiving means initially. Said collection zone takes up a very small volume of body fluid of about 10 to 500 nl in a very short time period of less than 0,5 s. Said fluid receiving means may have a test zone (35) for performing an analytical reaction. Fluid sample from said collection zone is automatically or manually transported to said fluid receiving means to contact said fluid with said test zone.

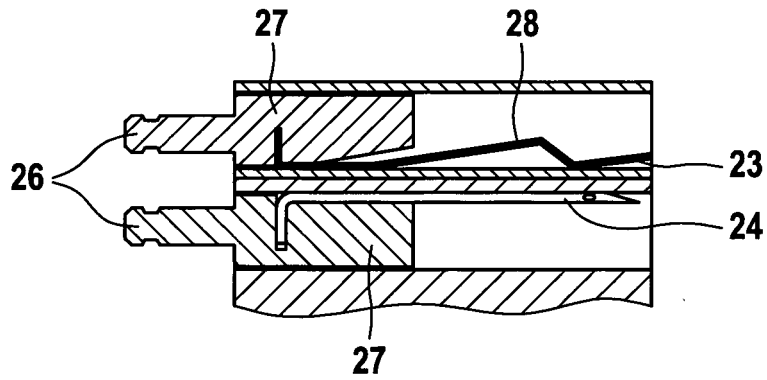


Fig. 8

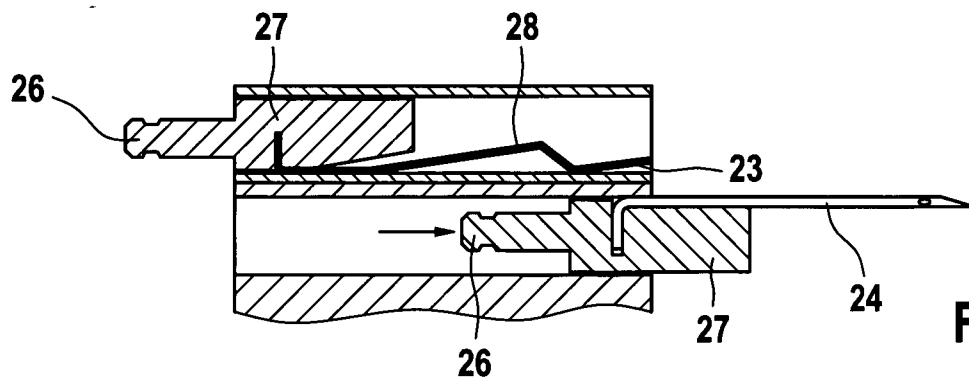


Fig. 9



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The present search report has been drawn up for all claims			
Place of search Berlin		Date of completion of the search 14 May 2018	Examiner Clevorn, Jens
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			

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[标]申请(专利权)人(译)	罗氏诊断公司		
申请(专利权)人(译)	罗氏诊断有限公司 F.霍夫曼罗氏公司		
当前申请(专利权)人(译)	罗氏糖尿病护理GMBH F.霍夫曼罗氏公司		
[标]发明人	ARNITZ THEO CALASSO IRIO FUERST OTTO GRISS PATRICK HAAR HANS PETER HASKER DAVID JAEGGI RAINER D KRAEMER UWE LIST HANS ROE STEVEN N SAROFIM EMAD SCHMID WILFRIED ZIMMER VOLKER		
发明人	ARNITZ, THEO CALASSO, IRIO FUERST, OTTO GRISS, PATRICK HAAR, HANS-PETER HASKER, DAVID JAEGGI, RAINER D. KRAEMER, UWE LIST, HANS ROE, STEVEN N. SAROFIM, EMAD SCHMID, WILFRIED ZIMMER, VOLKER		
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CPC分类号	A61B5/14532 A61B5/1486 A61B5/150022 A61B5/150251 A61B5/150297 A61B5/150358 A61B5/150419 A61B5/150435 A61B5/150503 A61B5/15107 A61B5/15117 A61B5/1411		
优先权	PCT/EP2005/002357 2005-03-07 WO 2004005385 2004-03-06 EP 60/642956 2005-01-11 US		
其他公开文献	EP2727531A2		
外部链接	Espacenet		
摘要(译)			

包括具有用于接收体液的收集区 (2) 的皮肤穿刺元件 (1) 的体液采集装置, 并且所述装置还包括流体接收装置 (10), 所述流体接收装置远离所述采集区间隔开, 使得所述体液收集区最初不会接触流体接收装置。所述收集区在小于0.5s的非常短的时间内吸收约10至500nl的非常小体积的体液。所述流体接收装置可具有用于执行分析反应的测试区域 (35)。来自所述收集区的流体样本被自动或手动地运送到所述流体接收装置, 以使所述流体与所述测试区接触。

