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(54) **Endoluminal prosthesis having radiopaque marker**

(57) Improved endoluminal prostheses and methods for their use, having discrete position indicating elements which facilitate the orienting and deploying of the prostheses within body lumens. The endoluminal prostheses may include endovascular prostheses, often formed as stent-grafts having a flexible tubular liner or "graft." The position indicating elements may include an improved radiopaque image marker to be applied to the

graft, before the graft is deployed particularly within branching blood vessels for the treatment of abdominal and other aneurysms. The marker is in the form of a flat metal blank resembling a circular plate or "button." The disk may be fastened or secured onto the graft using a pair of fastening shanks or tangs which extend parallel to each other outward from a surface of the plate.

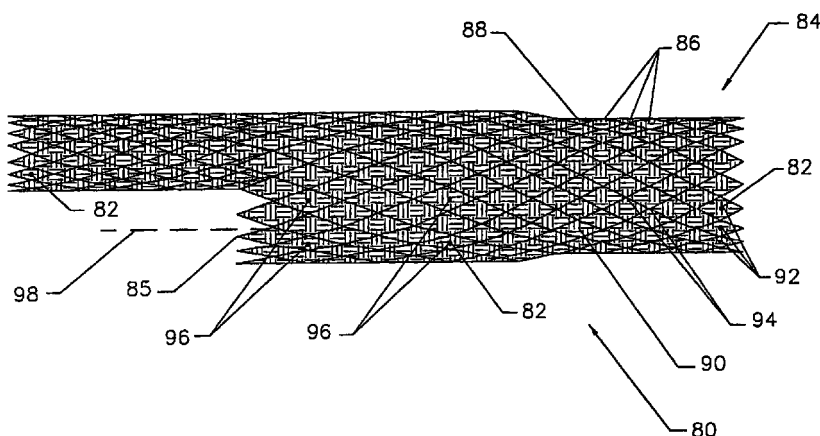


FIG. 4

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EUROPEAN SEARCH REPORT

Application Number
EP 00 10 2383

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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X	* claims; figures *	10-20	
D	& US 5 824 042 A 20 October 1998 (1998-10-20) ---		
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A	US 5 824 039 A (PIPLANI ALEC A ET AL) 20 October 1998 (1998-10-20) * column 5, line 21 - line 26 * * claims; figure 4 *	1-21	
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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 20 March 2001	Examiner Kuehne, H-C
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)

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专利名称(译)	具有不透射线标记的腔内假体		
公开(公告)号	EP1025811A3	公开(公告)日	2001-05-09
申请号	EP2000102383	申请日	2000-02-04
[标]申请(专利权)人(译)	美敦力公司		
申请(专利权)人(译)	美敦力公司.		
当前申请(专利权)人(译)	美敦力公司，INC.		
[标]发明人	DEMARAIS DENISE M GITTINGS DARIN C		
发明人	DEMARAIS, DENISE M. GITTINGS, DARIN C.		
IPC分类号	A61F2/00 A61F2/07 A61F2/90 A61F2/06 A61B19/00		
CPC分类号	A61F2/07 A61F2/90 A61F2002/075 A61F2230/0054 A61F2250/0098		
优先权	60/118576 1999-02-05 US		
其他公开文献	EP1025811A2		
外部链接	Espacenet		

摘要(译)

改进的腔内假体及其使用方法，具有离散位置指示元件，其有助于在体腔内定向和展开假体。腔内假体可包括血管内假体，其通常形成为具有柔性管状衬垫或“移植物”的支架移植物。位置指示元件可以包括在移植物特别是在分支血管内部署以用于治疗腹部和其他动脉瘤之前应用于移植物的改进的不透射线图像标记。标记是扁平金属坯料的形式，类似于圆形板或“按钮”。可以使用一对紧固柄或柄脚将盘紧固或固定到移植植物上，所述紧固柄或柄脚从板的表面向外平行地延伸。

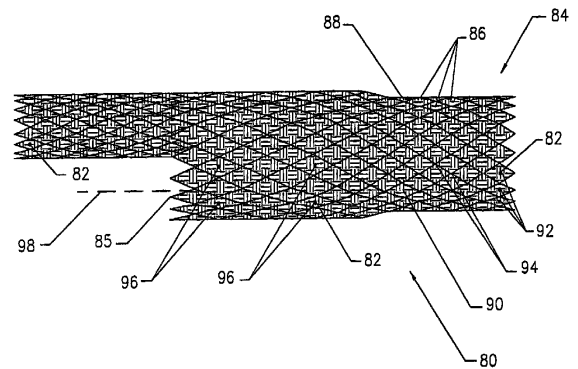


FIG. 4.