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<p>(51) International Patent Classification ⁶ : A61F 2/06, A61L 31/00, 27/00, C25D 9/00, 13/00</p>	<p>A3</p>	<p>(11) International Publication Number: WO 95/29647 (43) International Publication Date: 9 November 1995 (09.11.95)</p>
<p>(21) International Application Number: PCT/US95/05147 (22) International Filing Date: 26 April 1995 (26.04.95) (30) Priority Data: 08/235,300 29 April 1994 (29.04.94) US 08/350,223 6 December 1994 (06.12.94) US (71) Applicant: SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US). (72) Inventors: BUIRGE, Andrew, W.; 4040 - 28th Avenue South, Minneapolis, MN 55406 (US). BUSCEMI, Paul, J.; 2310 Tamarack Drive, Long Lake, MN 55356 (US). BURMEISTER, Paul, H.; 8554 Quarles Road North, Maple Grove, MN 55311 (US). (74) Agents: ARRETT, Oliver, F. et al.; Vidas, Arrett & Steinkraus, Suite 1540, 920 Second Avenue South, Minneapolis, MN 55402-4014 (US).</p>	<p>(81) Designated States: CA, JP, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> (88) Date of publication of the international search report: 15 February 1996 (15.02.96)</p>	
<p>(54) Title: STENT WITH COLLAGEN (57) Abstract Collagen applied to a vascular stent for increasing the biocompatibility of the stent on implantation and method of treatment.</p>		

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GA	Gabon				

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 95/05147

A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 A61F2/06 A61L31/00 A61L27/00 C25D9/00 C25D13/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 6 A61F A61L C25D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP,A,0 493 788 (MUDR. MILAN KRAJICEK CSC.) 8 July 1992	1-9, 14-27, 31,32, 44,45, 47,49,52
Y	see the whole document ---	30,33-35
Y	WO,A,93 20757 (BAXTER INTERNATIONAL) 28 October 1993 see page 3, line 8 - line 13; figure 3 ---	30
Y	US,A,5 100 429 (SINOFSKY ET AL.) 31 March 1992 see claims ---	33-35
A	GB,A,2 187 463 (MEADOX MEDICAL INC.) 9 September 1987 ---	1
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Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search
14 December 1995

Date of mailing of the international search report
17 01. 96

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Authorized officer
Sánchez y Sánchez, J

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 95/05147

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US,A,5 131 907 (WILLIAMS ET AL.) 21 July 1992 see the whole document ---	1,14,18, 22, 43-45,47
A	WO,A,93 06792 (SCIMED LIFE SYSTEMS INC.) 15 April 1993 see page 18, line 24 - page 23, line 2 ---	1
A	WO,A,82 01647 (KASTER) 27 May 1982 see abstract ---	1
A	US,A,4 591 456 (HUC ET AL.) 27 May 1986 ---	
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X	US,A,4 378 017 (KOSUGI ET AL.) 29 March 1983 see column 1, line 15 - line 21; example 1 ---	55-59
X	US,A,3 892 648 (PHILLIPS ET AL.) 1 July 1975 see the whole document ---	55,56, 58,59 57
X	US,A,3 758 396 (VIETH ET AL.) 11 September 1973 see column 2, line 49 - column 6, line 42 -----	55,56, 58,59

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 95/05147

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This international search report has not been established in respect of certain claims under Article 1.7(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. Claims : 1-54 A collagen applied vascular stent.
 2. Claims : 55-59 A method of depositing collagen coatings on a metal substrate by electrodeposition.
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1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
 2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
 3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

 4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Publication No
PCT/US 95/05147

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