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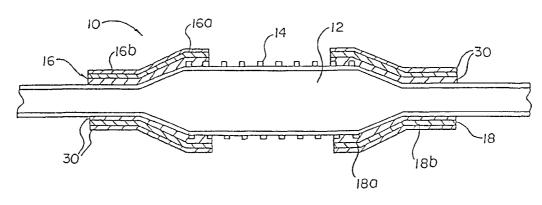
(71) Applicant: SCIMED LIFE SYSTEMS, INC. [US/US]: One SciMed Place, Maple Grove, MN 55311-1566 (US).

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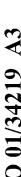
For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: END SLEEVE COATING FOR STENT DELIVERY SYSTEM



(57) Abstract: A stent delivery system which utilizes a stent delivery catheter to deliver a stent into a body lumen. The stent delivery catheter being equipped with at least one stent retaining sleeve. The at least one stent retaining sleeve having an inside surface and an outside surface. At least a portion of the inside surface, outside surface, or both, having a coating which is lubricious.





INTERNATIONAL SEARCH REPORT

Internatic Application No PCT/US 00/41666

A. CLASSI IPC 7	IFICATION OF SUBJECT MATTER A61F2/06							
According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED								
Minimum do	ocumentation searched (classification system followed by classification $A61F$	ion symbols)						
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)								
WPI Da	ta, EPO-Internal							
C. DOCUMENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the re	Relevant to claim No.						
X	US 5 944 726 A (BLAESER ET AL) 31 August 1999 (1999-08-31)		1,3,5, 14-21, 24-28					
Y	column 3, line 60 -column 4, line 3; figures		6,7,9-12					
Х	US 5 295 978 A (FAN ET AL)		30					
Y	22 March 1994 (1994-03-22) the whole document 		6,7,9-12					
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Further documents are listed in the continuation of box C. Patent family members are listed in annex.								
'A' document defining the general state of the art which is not considered to be of particular relevance		*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						
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O' document referring to an oral disclosure, use, exhibition or other means P' document published prior to the international filing date but		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						
later than the priority date claimed Date of the actual completion of the international search		Date of mailing of the international search report						
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European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ril. Fax: (+31-70) 340-3016		Smith, C						

INTERNATIONAL SEARCH REPORT

Infc ation on patent family members

Internatio Application No
PCT/US 00/41666

Patent document cited in search report	t	Publication date	F	Patent family member(s)	Publication date
US 5944726	A	31-08-1999	US US US US AU EP WO US	6077273 A 6007543 A 6203558 B 5968069 A 4162597 A 0932377 A 9807390 A 6159227 A 6123712 A	20-06-2000 28-12-1999 20-03-2001 19-10-1999 06-03-1998 04-08-1999 26-02-1998 12-12-2000 26-09-2000
US 5295978	A	22-03-1994	AT AU CA DE DE DK EP JP VO	150978 T 638883 B 9161491 A 2077072 A 69125481 D 69125481 T 517890 T 0517890 A 2741107 B 5505125 T 9211877 A	15-04-1997 08-07-1993 17-08-1992 29-06-1992 07-05-1997 17-07-1997 21-04-1997 16-12-1992 15-04-1998 05-08-1993 23-07-1992