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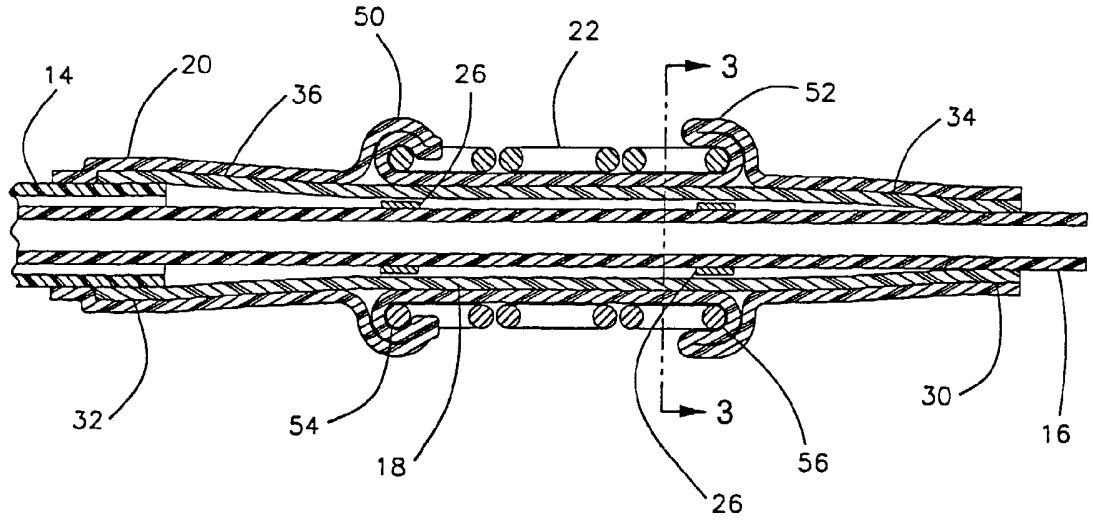
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(54) Title: STENT DELIVERY CATHETER WITH FOLDED SLEEVE AND METHOD OF MAKING SAME



(57) Abstract: A stent delivery catheter and method for making the same includes a tubular balloon, an elastic sleeve, and a stent. The balloon is mounted around a catheter shaft, and the stent is crimped onto the balloon. The elastic sleeve is positioned between the balloon and the stent, the sleeve extending beyond the ends of the stent where the ends of the sleeve are fixed to the catheter shaft. Sleeve material is gathered and folded over the ends of the stent to retain the stent snugly against the balloon during delivery.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61F2/06

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 7 A61F

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)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 78249 A (SCIMED LIFE SYSTEMS INC) 28 December 2000 (2000-12-28) page 3, line 4 - line 28; figures 1-4	1-4,8-10
A		13-15

A	WO 00 18342 A (YADAV JAY S) 6 April 2000 (2000-04-06) page 3, line 16 - line 28; figures 3-6 page 6, line 17 -page 7, line 24	1-4, 8-10, 13-15

A	EP 0 442 657 A (BARD INC C R) 21 August 1991 (1991-08-21) column 6, line 48 - line 55; figure 7; example 13	1,6-8

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[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
9 September 2002	13/09/2002

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Neumann, E

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication,where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 174 316 B1 (RUPP GARRY EUGENE ET AL) 16 January 2001 (2001-01-16) column 5, line 1 - line 33; figure 8	1,8

INTERNATIONAL SEARCH REPORT

Information on patent family members

Inte onal Application No
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