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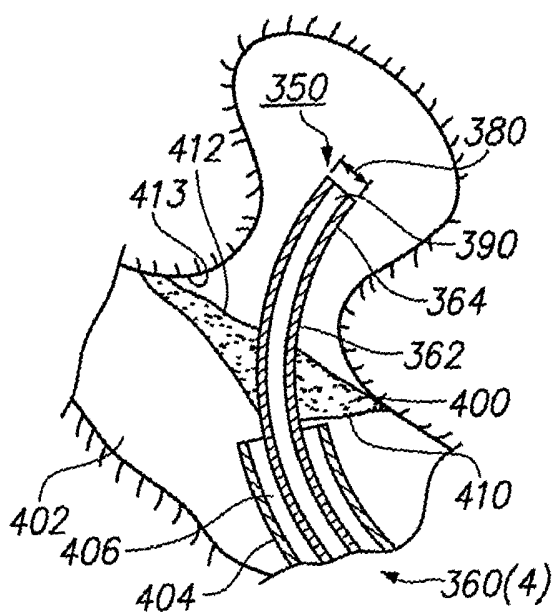
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(54) Title: APPARATUS FOR DE-ENDOTHELIALIZATION OF ANEURYSMS AND OTHER BODY LUMENS



(57) Abstract: Apparatus for at least partially de-endothelializing a wall of an aneurysm or other body lumen includes an elongate core member having one or more fibers on an outer surface of the core member, the one or more fibers carrying a de-endothelialization agent. The core member is introduced into the aneurysm or other body lumen, thereby releasing the agent from the one or more fibers within the aneurysm or other body lumen, the agent (e.g., a fluid) disrupting at least a portion of the endothelium of the wall thereof. Alternatively, the core member may have a coating carrying a de-endothelialization agent, the coating being degradable when exposed to blood to release the de-endothelialization agent. Further alternatively, a fluid is delivered via a lumen of the tubular member into the aneurysm or other body lumen to at least partially de-endothelialize the wall thereof, thereby causing an endothelium of the wall to generate fibrous tissue to strengthen the wall.

WO 2004/069059 A3



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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.*

# INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**

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**B. FIELDS SEARCHED**

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

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**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	US 6 280 457 B1 (WALLACE MICHAEL P ET AL) 28 August 2001 (2001-08-28) column 7, line 18 - line 22; figure 1b column 12, line 3 - line 13	24,25, 29,30
A	-----	33
Y	US 6 146 373 A (PERL JOHN ET AL) 14 November 2000 (2000-11-14) column 4, line 35 - line 43; figure 1 column 9, line 34 - column 10, line 65; figures 6,7	1
A	-----	15
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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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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	US 2002/169420 A1 (BERRYMAN THOMAS J ET AL) 14 November 2002 (2002-11-14) paragraph '0039!; figures 1-4 paragraph '0048!; figures 12,13 figure 5 -----	1,15
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