Title: DEVICES, SYSTEMS, AND METHODS FOR PROSTHESIS DELIVERY AND IMPLANTATION

Abstract: Devices, systems, and methods use a catheter device sized and configured for introduction to a targeted site in a hollow body organ or blood vessel. The catheter device includes a first release mechanism coupled to the prosthesis to secure at least one region of the prosthesis to the catheter shaft, and a second release mechanism coupled to the prosthesis in cooperation with the first release mechanism to prevent full release of the at least one region of the prosthesis from the catheter shaft after actuation of the first release mechanism. A fastening device sized and configured for introduction to the targeted site in the hollow body organ or blood vessel occupied by the catheter device, includes an actuator to deploy a fastener in the at least one region of the prosthesis after actuation of the first release mechanism and before actuation of the second release mechanism.

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A. CLASSIFICATION OF SUBJECT MATTER
   IPC(8) - A61F 2/06 (2007.01)
   USPC - 623/1.11

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(8) - A61F 2/06 (2007.01)
   USPC - 623/1.11

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 practicable, search terms used)
   USPTO EAST System (US, USPG-PUB, EPO, DERWENT), MicroPatent.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
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Date of the actual completion of the international search: 16 April 2007

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