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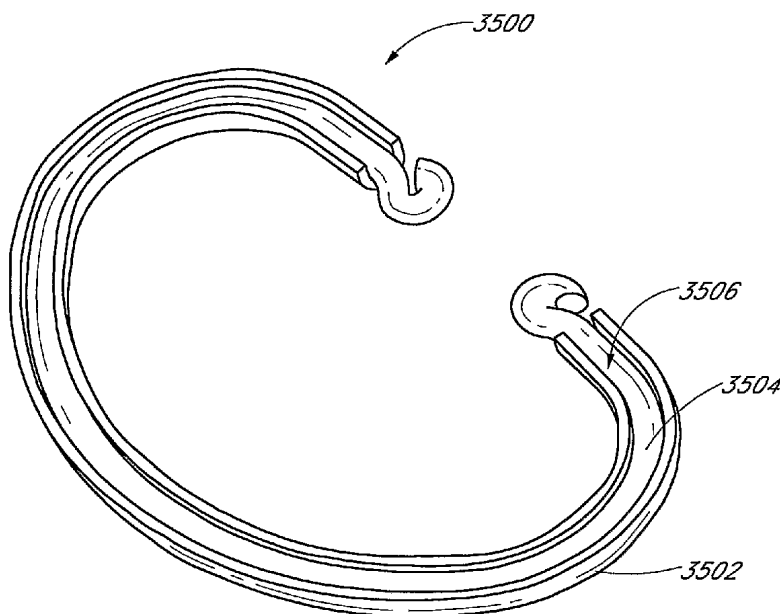
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(54) Title: SLOTTED ANNULOPLASTY RING



(57) Abstract: Methods and devices are provided for support of a body structure. The device can be adjusted within the patient's body in a minimally or non-invasive manner, by applying energy percutaneously or externally to the body. The energy may include: acoustic, light, magnetic, or radio frequency energy. As the body structure changes the size and/or shape of the annuloplasty rings adjusts to provide continued reinforcement. In certain embodiments, the device (3500) includes a body member (3502) and an insert member (3504). The body member (3502) has a slot (3506) that extends at least partially along the circumference of the body (3502). The insert member (3504) extends at least partially along the circumference of the body (3502). The device (3500) has a first shape in a first configuration which transforms to a second shape in a second configuration in response to an activation energy applied thereto.

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A. CLASSIFICATION OF SUBJECT MATTER

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USPC: 623/2.36

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)

U.S. : 623/2.36

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	US 2005/0288783 A1 (Shaoulian et al) 29 December 2005 (29.12.2005), Figures 1-28	1-6, 8-27, 29-38
X,P	US 2005/0288782 A1 (Moaddebet al) 29 December 2005 (29.12.2005), Figures 1-28	1-6, 8-27, 29-38
X,P	US 2005/0288776 A1 (Shaoulian et al) 29 December 2005 (29.12.2005), Figures 1-28	1-6, 8-27, 29-38
X,P	US 2005/0288778 A1 (Shaoulian et al) 29 December 2005 (29.12.2005), Figures 1-28	1-6, 8-27, 29-38
X,P	US 2005/0288779 A1 (Shaoulian et al) 29 December 2005 (29.12.2005), Figures 1-28	1-6, 8-27, 29-38



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