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Freitag

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[54] **STENT FOR PLACEMENT IN A BODY TUBE**

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[75] Inventor: **Lutz Freitag**, Hemer, Germany
[73] Assignee: **Willy Rüsich AG**, Kernen, Germany

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Primary Examiner—P. Zuttarelli
Attorney, Agent, or Firm—Friedrich Kueffner

[30] **Foreign Application Priority Data**

[57] **ABSTRACT**

Dec. 23, 1994 [DE] Germany 44 46 034.1
Jul. 6, 1995 [DE] Germany 195 24 653.5

[51] **Int. Cl.⁶** **A61F 2/06**

[52] **U.S. Cl.** **623/1; 623/11; 623/12**

[58] **Field of Search** **623/1-2, 11-12; 606/77-78, 194**

A stent for placement in a body tube includes a flexible support structure composed of an elastomer which is hard in a temperature range lower than 25° C. and soft in a temperature range greater 35° C. The flexible support structure may be embedded in a hollow cylindrical casing of an elastic synthetic material which has a limited elasticity at least at body temperature, wherein the casing is composed of an elastomer which is hard in a temperature range lower than 25° C. and soft in a temperature range greater than 35° C. The casing in which the flexible support structure is embedded may also be of a memory elastomer, particularly on the basis of polyurethane.

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5 Claims, 3 Drawing Sheets

