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# United States Patent [19]

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**Freitag**

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

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[30] **Foreign Application Priority Data**

Mar. 6, 1995 [DE] Germany ..... 195 08 805.0

[57] **ABSTRACT**

[51] **Int. Cl.<sup>6</sup>** ..... **A61M 29/00**

[52] **U.S. Cl.** ..... **606/198; 606/191; 606/195; 623/1; 623/12**

[58] **Field of Search** ..... 606/194, 195, 606/197, 198; 623/1, 12; 148/402, 403; 604/96, 104

A stent for placement in a body tube includes a flexible support structure of wires, wherein the wires are of a material having a shape memory function. The support structure of the stent is composed of wires which have different shape memories. In a method for changing the configuration of a stent of the above-described type which has been placed in a body tube, the stent is subjected over at least portions thereof to a specific application of heat or cold in order to influence the restoring force and/or the geometric shape.

[56] **References Cited**

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**10 Claims, 1 Drawing Sheet**

