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Schnepf-Pesch et al.

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[54] APPARATUS FOR WIDENING A STENOSIS IN A BODY CAVITY

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[75] Inventors: **Wolfram Schnepf-Pesch; Josef Lindenberg**, both of Karlsruhe, Fed. Rep. of Germany

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[73] Assignee: **Angiomed AG**, Karlsruhe, Fed. Rep. of Germany

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*Primary Examiner*—C. Fred Rosenbaum  
*Assistant Examiner*—N. Kent Gring  
*Attorney, Agent, or Firm*—Antonelli, Terry, Stout & Kraus

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[52] U.S. Cl. .... **606/198; 623/1; 623/12; 623/11**

[58] Field of Search ..... 606/198, 200; 623/1, 623/11, 12

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### [57] ABSTRACT

An apparatus for widening a stenosis in a body cavity, such as an artery, in the bile duct, in the ureter, etc. is proposed, which in view of a problem-free, reliable and permanent widening of a stenosis is characterized by a memory alloy part having a cylindrical jacket-shaped outer contour, said part radially widening at a transition temperature, which is above ambient temperature, but below body temperature, whilst maintaining a cylindrical outer contour and at a temperature below the transition temperature the diameter is smaller than that of the vessel.

**20 Claims, 4 Drawing Sheets**

