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Parodi

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[54] **LESS TRAUMATIC ANGIOPLASTY BALLOON FOR ARTERIAL DILATATION**

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[52] **U.S. Cl.** **606/194**; 604/101; 604/96

[58] **Field of Search** 600/18; 604/96–103; 606/192–196; 128/207.14, 207.15

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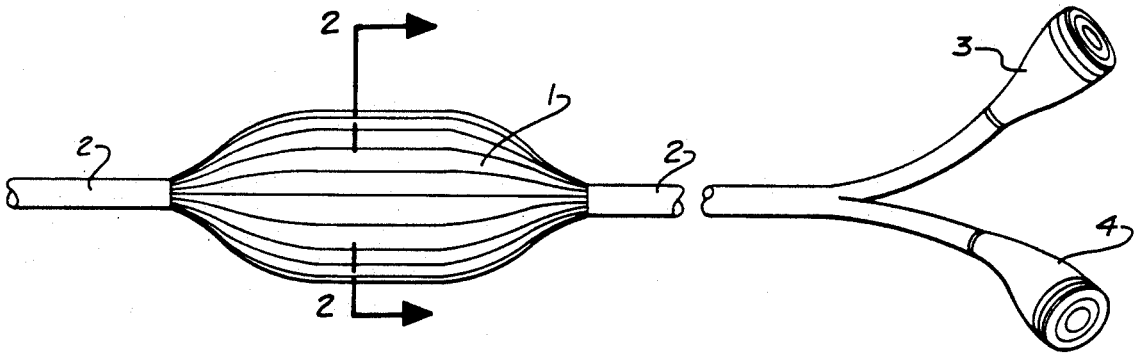
[57] **ABSTRACT**

An angioplasty balloon (1) for less traumatic arterial dilation is carried on a part (5) of a catheter (2), the catheter having lumens for inflating the balloon. The surface of the balloon that contacts the endothelium of the vessel being treated is irregularly formed, defining a plurality of grooves and radially projecting parts (7) therebetween.

6 Claims, 3 Drawing Sheets