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[54] **POLYMER MATERIALS FOR VASCULAR PROSTHESES**

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[58] **Field of Search** ..... 3/1, 1.4; 427/2, 41, 427/40, 255.6, 35, 39; 128/334 R; 623/1, 12, 66 A, 66 C, 2; 428/289, 341

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[57] **ABSTRACT**

A highly blood-compatible material comprising a polymeric base material and water-soluble and substantially nonionic polymer(s) directly attached to the surface of the base material in an amount of 1 to 100 $\mu g/cm^2$. The polymeric base material is preferably in the form of a web and composed of polyurethane, ethylene/vinyl acetate copolymer or polyvinylchloride. In addition, the attached polymers may be selected from the group consisting of acrylamide polymers, polyvinylpyrrolidone, polyvinyl alcohol, polyethylene glycol, and dextran. This material is particularly useful for preparing vascular prosthesis of small diameters.

7 Claims, No Drawings