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[54] SURGICAL COMPOSITE STRUCTURE HAVING ABSORBABLE AND NONABSORBABLE COMPONENTS

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[52] **U.S. Cl.** **623/11**

[58] **Field of Search** 623/1, 11, 16; 128/335.5

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[57] **ABSTRACT**

A composite structure is disclosed having two or more biocompatible polymers. At least one of the polymers is nonabsorbable. The nonabsorbable polymer is extruded into a fiber. The fiber can be fabricated into a textile structure, for example a woven mesh. The nonabsorbable mesh is then encapsulated with at least one bioabsorbable polymer. The composite structure is useful for repairing anatomical defects, for example in a mammalian abdominal wall.

4 Claims, No Drawings