United States Patent [19]

Ritter

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[54] **SURGICAL ADHESIVE SYSTEMS FOR HARD BODY TISSUES**

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[52] **U.S. Cl.** **156/307.3**; 156/155; 156/310; 156/314; 156/332; 424/81; 433/228.1; 523/116; 523/118; 526/196; 526/318.3; 526/328; 526/329.5

[58] **Field of Search** 526/318.3

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[57] **ABSTRACT**

Surgical adhesive systems for the bonding of hard body tissues which contain as a polymerization initiating starter an organoboron compound and a resorbable (meth)acrylate component which is liquid to solid at room temperature and which consists of (meth)-acrylic acid esters with (meth)-acrylate groups on polyester oligomer chains from hydroxycarboxylic acids, preferably having 2 (meth)-acrylate groups in the α, ω positions on the oligomer chains, and wherein the polyester oligomers are preferably formed from monohydroxymonocarboxylic acids.

25 Claims, No Drawings