

[54] **AQUEOUS ATELOCOLLAGEN SOLUTION AND METHOD OF PREPARING SAME**

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[58] **Field of Search** 260/123.7; 106/124, 106/157, 161; 514/21, 801

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[57] **ABSTRACT**

An aqueous atelocollagen solution, which can be injected into living bodies as a medical material, has a pH value in the range from about 6.5 to about 8.0 and an osmolality in the range from about 250 to about 320 mOsm/KgH₂O, and contains a phosphate buffer solution, or glucose and a phosphate buffer solution, as an agent to adjust pH and osmolality within the ranges specified above. This aqueous atelocollagen solution can be prepared by dissolving atelocollagen in an aqueous acidic solution and adding the above-mentioned pH- and osmolality-adjusting agent to the resulting solution in such an amount as to adjust pH and osmolality of the final solution within the ranges mentioned above.

8 Claims, No Drawings