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(54) **USE OF PLATELET RICH PLASMA COMPOSITION IN THE TREATMENT OF CARDIAC CONDUCTION ABNORMALITIES**

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(58) **Field of Classification Search**

None

See application file for complete search history.

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(57) **ABSTRACT**

Methods and kits for treating a cardiac arrhythmia using a platelet rich plasma (PRP) composition are provided. Any type of arrhythmia may be treated using the PRP composition. The PRP composition may comprise PRP developed using blood collected from a patient suffering the cardiac arrhythmia. The PRP composition may be buffered to a physiological pH and may include one or more anti-arrhythmic agents, anti-coagulants, or other drugs. The PRP composition may be delivered using a nebulizer, minimally invasively, or surgically.

13 Claims, 4 Drawing Sheets