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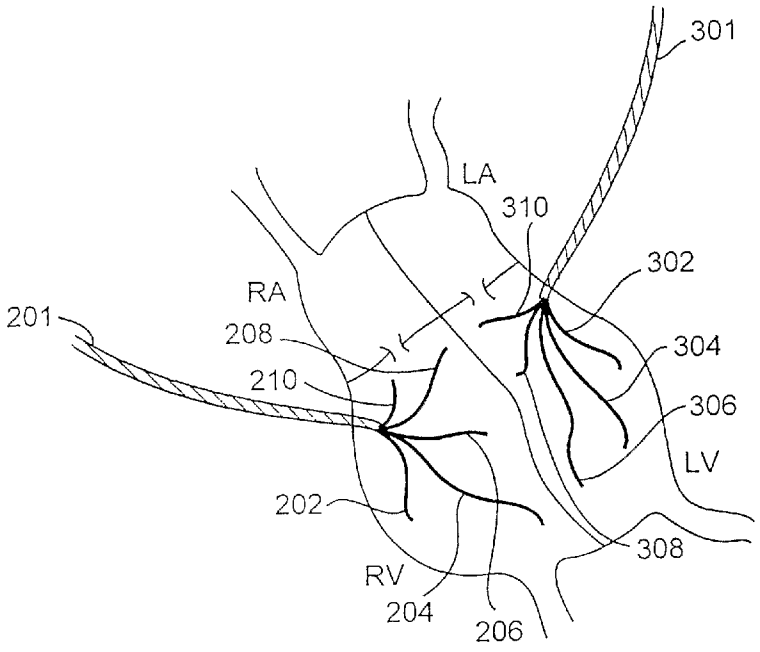
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(54) Title: A SYSTEM AND METHOD FOR MANAGING DETRIMENTAL CARDIAC REMODELING



(57) Abstract: A system and method for managing and inhibiting cardiac remodeling in MI patients. Bi-ventricular stimulation is constantly provided with and without sensing to encourage normal pumping of the heart on a consistent basis. Pulses are administered using an anodal pulse followed by a cathodal pulse to stimulate cardiac muscle contraction. Stem cells are administered to MI areas to encourage regeneration of cardiac tissue in the damaged area. Stimulation may be provide to both healthy and compromised cardiac tissue.

WO 2005/118062 A2