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(54) Title: SYSTEM AND METHOD TO REDUCE STASIS-INDUCED REPERFUSION INJURY

(57) Abstract: A system and method for reducing or preventing stasis-induced ischemia reperfusion injury to a tissue. The system and method may vary a pressure exerted on a tissue to generate a physiological response in the tissue. The physiological response may include the production of an antioxidant. The system and method may introduce a pharmacological agent to increase blood flow to the tissue.



WO 2011/022305 A2