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(54) Title: TISSUE INFUSION APPARATUS AND METHOD

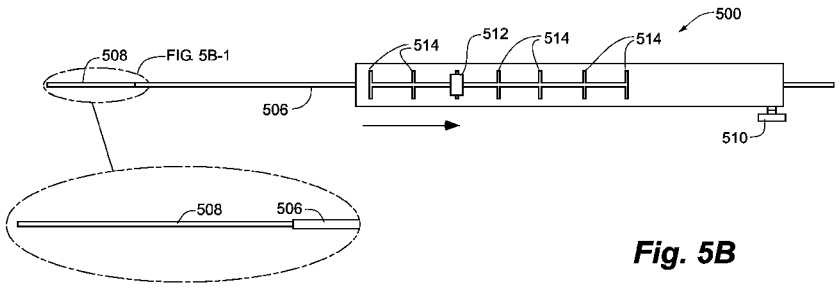


Fig. 5B

(57) Abstract: An apparatus and corresponding method for providing convection enhanced delivery of bioactive agent to a tissue site. The apparatus involves the use of semipermeable membranes, typically in the form of one or more hollow fibers, together with a source and conduit of solution containing the bioactive agent to be delivered. The use of hollow fiber technology provides an optimal combination of features, including delivery kinetics and distribution, as compared to conventional (e.g., standard needle) type delivery devices.