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(54) Title: SYSTEMS AND METHODS FOR MINIMIZING LEAKS DURING INSERTION OF PUMPS

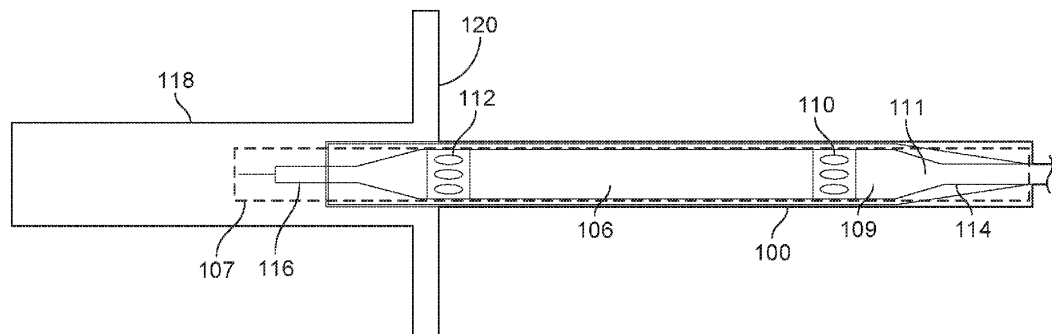


FIG. 1

(57) Abstract: Systems and methods are described herein for preventing leaks across a hemostasis valve during insertion of an intracardiac pumping device. The intracardiac device placement system includes an intracardiac device, which comprises a pump with pump housing, a cannula, and a rotor. The intracardiac device placement system further includes an elongate catheter extending proximal of the pump housing, a sleeve configured to be removably disposed over a portion of the pump and covering at least one of the distal openings and the proximal openings, and an introducer comprising a tubular section with a hemostasis valve, the introducer configured to introduce the pump and the sleeve into a patient's vasculature while preventing the sleeve from wholly passing through the proximal hemostasis valve.

WO 2020/082001 A1