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(54) Title: SYSEMS AND METHODS FOR DETERMINING POSITIONING OF INTRACARDIAC DEVICES

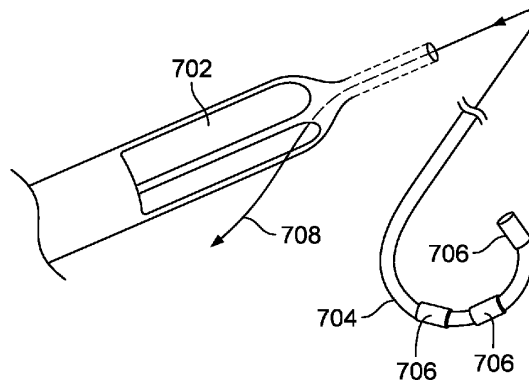


FIG. 7

(57) Abstract: Systems and methods for determining the positioning of intracardiac devices, such as intracardiac blood pump assemblies, using electrical sensors configured to sense electrical potential as it propagates through the heart. In one example, the present technology provides an intracardiac device (100, 200, 506, 602) with one or more electrical sensors (508a, 510a, 606, 706) mounted thereon, and a controller (302) configured to determine the absolute or relative location of the intracardiac device based on the timing, shape, and/or amplitude of the electrical signals received from the one or more sensors.

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WO 2022/125663 A1

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