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(54) Title: AN ELECTRIC FIELD OR ELECTRIC VOLTAGE DELIVERING ELECTRODE SYSTEM FOR THE TREATMENT OF INTERNAL ORGAN OEDEMA

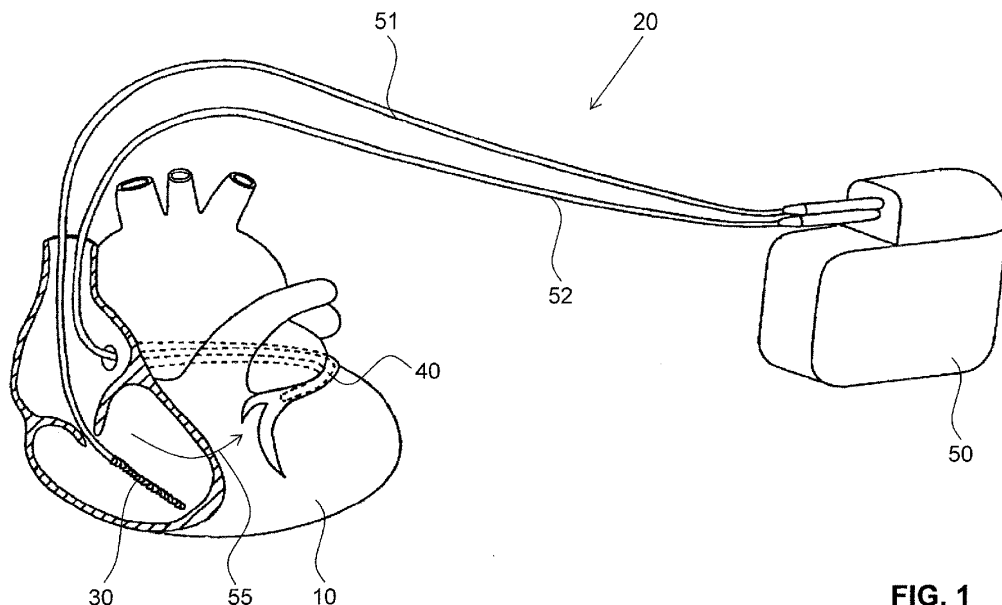


FIG. 1

(57) Abstract: The present invention relates to an electrode assembly system for treatment of internal organ oedema by electro-osmosis and/or electrophoresis by delivering an electric field, the system comprising a first electrode, a second electrode, and a control unit, wherein the first electrode and second electrode are electrically connected to the control unit, the control unit being adapted to charge the first electrode negatively and the second electrode positively, and to directly control a strength of an electric field induced by the first electrode and the second electrode to a preset value for generating a treatment-specific electric flux. The present invention also relates to the use of such system, as well as a process of treatment of internal organ oedema using such system.

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