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(54) Title: PULSED FIELD ABLATION DEVICE AND METHOD

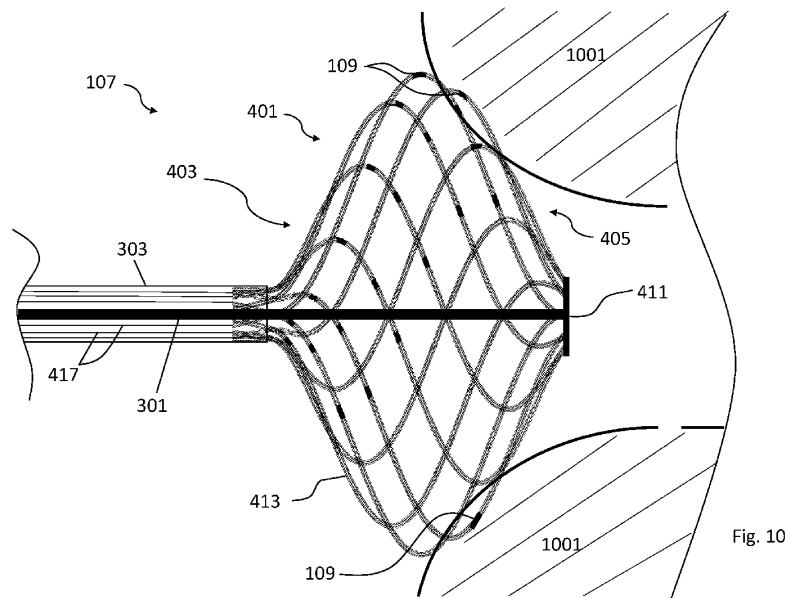


Fig. 10

(57) Abstract: An ablation device and method for pulsed field ablation, the device comprising a catheter including an expandable basket, a set of electrodes formed on the expandable basket, and a pulse generator suitable for generating electric pulses wherein the pulse generator being in electrical connection with the set of electrodes. The expandable basket is formed of a braided mesh of filaments, wherein the filaments are made of nonconductive material, wherein at least portion of the filaments comprises a lumen, wherein the filaments further include electrodes and conductive wires. The conductive wires at least partially lead inside of the lumen of the filaments and are electrically connected to the electrodes.

[Continued on next page]

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