



Dipole Antenna For Microwave Ablation

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The Invention

An antenna includes a first dipole arm and a second dipole arm. The first dipole arm is connected to a first conductor and is formed of a first conducting material. The first dipole arm extends in an axial direction from the first conductor. The second dipole arm is connected to a second conductor that is distinct from the first conductor and is formed of a second conducting material. The second dipole arm extends in the axial direction from the second conductor and is wound around the first dipole arm to form a number of loops. The second dipole arm does not contact the first dipole arm. An axial length of the second dipole arm in the axial direction is less than 90% of an axial length of the first dipole arm in the axial direction.

Additional Information

For More Information About the Inventors

- [Susan Hagness](#)

Tech Fields

- [Medical Devices : Medical tools](#)

For current licensing status, please contact Jeanine Burmania at jeanine@warf.org or 608-960-9846