WHAT IS CLAIMED IS:

1. A catheter, comprising:

a cylinder member having a hollow formed therein;

a plurality of electrodes mounted to the cylinder member to generate heat;

a plurality of power supply wires printed on the cylinder member; and

a distribution unit connected to a single power input line,

wherein one end of each power supply wire is connected to a respective electrode to provide a power supply path for the respective electrode,

wherein at least two of the plurality of power supply wires are connected to the distribution unit so that the power supplied from the single power input line is distributed to said at least two power supply wires, and

wherein the distribution unit is mounted to an inner wall of the cylinder member and has a curved shape corresponding to the inner wall of the cylinder member.

2. The catheter according to claim 1,

wherein two sides of the cylinder member extending from one end of the hollow to the other end thereof along a longitudinal direction of the hollow are coupled and fixed to each other.

3. The catheter according to claim 2,

wherein one of the two sides of the cylinder member has a protrusion, the other of the two sides of the cylinder member has an insert groove, and the protrusion is inserted into the insert groove so that the two sides are coupled and fixed to each other.

4. The catheter according to any one of claims 1 to 3, wherein the cylinder member includes:

a first cylinder having one of the power supply wires printed from one end thereof to the other end thereof;

a second cylinder provided coaxially with the first cylinder and spaced apart from the first cylinder by a predetermined distance in the longitudinal direction of the hollow; and

a connection member configured to have one end connected to the first cylinder and the other end connected to the second cylinder, one of the electrodes being mounted to an outer surface of the connection member, the connection member having the power supply wire printed from one end thereof at least to a portion where the electrode is mounted so as to be connected to the power supply wire of the first cylinder.

5. The catheter according to claim 4,

wherein when a distance between the first cylinder and the second cylinder decreases, the connection member is at least partially bent to form a bent portion, and the bent portion moves away from the hollow.

6. The catheter according to either claim 4 or 5, further comprising a plurality of connection members, and

wherein at least two of the connection members comprise electrodes mounted on respective outer surfaces or the at least two connection members.

7. The catheter according to claim 6,

wherein at least one of the first cylinder and the second cylinder has a step or a slope formed at a surface to which the connection member is connected, in the longitudinal direction of the hollow.

8. The catheter according to any one of the preceding claims,

wherein the distribution unit is a multiplexer.

9. The catheter according to any one of the preceding claims,

wherein the cylinder member has a cylindrical shape.

10. The catheter according to any one of the preceding claims,
wherein the distribution unit is configured to be bendable.

11. The catheter according to any one of the preceding claims, further comprising:
a temperature sensing member; and
a temperature sensing wire printed on the cylinder member and connected to the temperature sensing member to transmit temperature information sensed by the temperature sensing member.

12. The catheter according to any one of the preceding claims, further comprising:
a tactile sensing member; and
a tactile sensing wire printed on the cylinder member and connected to the tactile sensing member to transmit tactile information sensed by the tactile sensing member.

13. The catheter according to any one of the preceding claims, further comprising:
a shaft body formed to elongate in one direction and having an inner space formed along a longitudinal direction thereof, the shaft body being coupled to one end of the cylinder member.

14. The catheter according to claim 13,
wherein the shaft body has a power supply terminal contacting at least a part of the at least one power supply wire printed on the cylinder member.

15. The catheter according to either claim 13 or 14,

wherein at least one of the cylinder member and the shaft body includes a coupling guide member configured to guide a coupling direction of the cylinder member and the shaft body.

16. The catheter according to any one of the preceding claims, further comprising:

a terminal tip coupled to an end of the cylinder member.

17. A manufacturing method of a catheter, comprising:

preparing a plate-shaped cylinder member;

printing a plurality of power supply wires on the plate-shaped cylinder member;

mounting a plurality of electrode at the plate-shaped cylinder member, wherein each electrode is to be connected to a respective printed power supply wire;

mounting a distribution unit at the plate shaped cylinder member to be connected to a plurality of power supply wires and a single power input line;

bending the cylinder member and the distribution unit so that two sides of the cylinder member spaced apart from each other to get close to each other and thus the cylinder member has a cylinder form with a hollow therein; and

coupling and fixing the two sides of the cylinder member, which have got close to each other by bending.

18. A denervation apparatus, comprising the catheter defined in any one of claims 1 to 16.