CLAIMS

What is claimed is:

~~1. A radiofrequency ablation catheter having a movable guide wire, comprising an electrode bracket, a catheter body and a control handle which are arranged in sequence, the catheter body being connected with the electrode bracket and the control handle at opposite ends thereof, wherein the catheter body has a lumen for the movable guide wire sliding therein;~~

~~the movable guide wire passes through the catheter body and the electrode bracket, and has a distal end fixed outside the electrode bracket;~~

~~the movable guide wire passes the catheter body and enters the control handle, and is fixed to a controlling member in the control handle or outside the control handle;~~

~~the movable guide wire is movable forwardly or backwardly by the controlling member and the electrode bracket is accordingly changed between a compact state and an expanded state of the electrode bracket.~~

~~2. The radiofrequency ablation catheter according to claim 1, wherein the movable guide wire comprises a guide wire body and a soft guide wire arranged at a distal end of the guide wire body, and the soft guide wire is maintained outside the electrode bracket.~~

~~3. The radiofrequency ablation catheter according to claim 1, wherein the distal end of the movable guide wire is not fixed with the electrode bracket, and is movable relative to a distal end of the electrode bracket.~~

~~4. The radiofrequency ablation catheter according to claim 3, wherein the guide wire body has a first stop point at a distal end of the electrode bracket, which is limited outside the distal end of the electrode bracket, and~~

~~the first stop point is used to expand the electrode bracket.~~

~~5. The radiofrequency ablation catheter according to claim 3, wherein the guide wire body, parallel to the electrode bracket, is provided with a second stop point, which is limited between the distal end and a proximal end of the electrode bracket, and~~

~~the second stop point is used for compacting the electrode bracket.~~

~~6. The radiofrequency ablation catheter according to claim 3, wherein the guide wire body is provided with a first stop point out of the distal end of the electrode bracket, which is limited outside the distal end of the electrode bracket, and the first stop point is used to expand the electrode bracket;~~

~~the guide wire body parallel to the electrode bracket is provided with a second stop point, which is limited between the distal end and a proximal end of the electrode bracket, and the second stop point is used for contracting the electrode bracket.~~

~~7. The radiofrequency ablation catheter according to claim 2, wherein the guide wire body is fixed with the distal end of the electrode bracket close to the soft guide wire; or,~~

~~the guide wire body is provided with a first stop point out of the distal end of the electrode bracket, and the first stop point is fixed with the distal end of the electrode bracket.~~

~~8. The radiofrequency ablation catheter according to claim 2, wherein the shape of the distal end of the soft guide wire is in shape of a straight lines, a curve, an arc or other shapes.~~

~~9. The radiofrequency ablation catheter according to claim 2, wherein the distal end of the soft guide wire extends at angle of 0～90 degrees.~~

~~10. The radiofrequency ablation catheter according to claim 2, wherein the guide wire body of the movable guide wire functions as a supporting wire.~~

~~11. The radiofrequency ablation catheter according to claim 1, wherein the electrode bracket is in shape of a mesh stent, a spiral bracket or a basket bracket, and is fixed with a plurality of electrodes.~~

1. A radiofrequency ablation catheter having a movable guide wire, comprising an electrode bracket, a catheter body and a control handle which are arranged in sequence, wherein

the movable guide wire extends from the control handle, through the catheter body to the electrode bracket, with a distal end thereof outside the electrode bracket;

the movable guide wire is slidable along the catheter body and the electrode bracket, and is controlled by a controlling member in the control handle or outside the control handle;

the electrode bracket is changeable between a compact state and an expanded state, and is provided with a plurality of electrodes for radiofrequency ablation.

2. The radiofrequency ablation catheter according to claim 1, wherein the electrode bracket has a distal end and a proximal end in shape of a connecting tube, which allows the movable guide wire extending through and movable relative to the electrode bracket to guide the radiofrequency ablation catheter.

3. The radiofrequency ablation catheter according to claim 2, wherein the movable guide wire has a first stop point, which is limited outside the distal end of the electrode bracket, and

the first stop point is used to expand the electrode bracket.

4. The radiofrequency ablation catheter according to claim 3, wherein the first stop point is a tube with a diameter greater than an inner diameter of the distal end of the electrode bracket, or a protrusion or a connecting block with a height greater than the inner diameter of the distal end of the electrode bracket.

5. The radiofrequency ablation catheter according to claim 4, wherein the movable guide wire has a second stop point limited between the distal end of the electrode bracket and a proximal end of the electrode bracket, and being used for contracting the electrode bracket.

6. The radiofrequency ablation catheter according to claim 5, wherein the second stop point is a tube with a diameter greater than an inner diameter of the distal end of the electrode bracket, or a protrusion or a connecting block with a height greater than the inner diameter of the distal end of the electrode bracket.

7. The radiofrequency ablation catheter according to claim 2, wherein the movable guide wire comprises a guide wire body and a soft guide wire at a distal end of the guide wire body, and the soft guide wire being maintained outside the distal end of the electrode bracket.

8. The radiofrequency ablation catheter according to claim 3, wherein the movable guide wire comprises a guide wire body and a soft guide wire at a distal end of the guide wire body, and

the soft guide wire and the first stop point are both maintained outside the distal end of the electrode bracket.

9. The radiofrequency ablation catheter according to claim 7, wherein the soft guide wire has a guiding function to guide the radiofrequency ablation catheter.

10. The radiofrequency ablation catheter according to claim 2, wherein the movable guide wire has a strength enough to support the catheter body.