Claims

1. An implantable electronic medical device, comprising:
a device body, a header disposed on said device body, and a telemetry assembly for signal transmission to and/or from outside a body of a patient when the device is implanted;
a transmit/receive antenna connected to said telemetry assembly, said transmit/receive antenna being an elongated conductor arranged in a region of said header;
said transmit/receive antenna being configured to form-fittingly engage an outer contour of at least a portion of said header and to be fixed in said header;
said elongated conductor having a first section forming a bracket with a spring-elastic design configured to embrace a connector in said header and a second section arranged on an upper face of a connection block in said header, said connection block comprising the connector.

2. The device according to claim 1, which comprises at least one connecting conductor, which has an electrically conductive connection with the connector, arranged on a side of said connection block.

3. The device according to claim 2, wherein said upper face of said connection block and said side of said connection block include a substantially right angle.

4. The device according to claim 1, wherein said first section of said conductor is angled with respect to said second section of said conductor, which is arranged on said upper face of said connection block.

5. The device according to claim 1, wherein said transmit/receive antenna is arranged in said second section of the conductor, and said transmit/receive antenna is formed with a meander-shaped progression arranged in a plane on said upper face of said connection block in a majority of an extension of said transmit/receive antenna.

6. The device according to claim 5, which comprises reinforcement bridges in meander bends at least in a sub-section of said meander-shaped progression.

7. The device according to claim 1, wherein said elongated conductor is a ribbon-shaped conductor.

8. The device according to claim 7, wherein a ratio of a width to a height of said ribbon-shaped conductor is 4:1 or more.

9. The device according to claim 8, wherein the ratio is more than 8:1.

10. The device according to claim 1, wherein said transmit/receive antenna is a device selected from the group consisting of a bent stamping, a 3D printed sintered part, and a metal injection molded part.

11. An implantable electronic medical device, comprising:
a device body, a header disposed on said device body, and a telemetry assembly for signal transmission to and/or from outside a body of a patient when the device is implanted;
a transmit/receive antenna connected to said telemetry assembly, said transmit/receive antenna being an elongated conductor arranged in a region of said header,
said transmit/receive antenna being configured to form-fittingly engage an outer contour of at least a portion of said header and to be fixed in said header;
said elongated conductor having a first section forming an Ω-shaped bracket with a spring-elastic design configured to embrace a connector in said header.

12. A transmit/receive antenna of a telemetry assembly of an implantable electronic medical device, the medical device having a device body and a header disposed on said device body, the transmit/receive antenna comprising:
an elongated conductor configured to form a form fit with a outer contour of at least a portion of the header, and to be fixed thereby in the header;

said conductor having a first section with a spring elastic design and forming a bracket configured to embrace a connector in the header and a second section, and wherein said first section of said conductor is angled with respect to said second section of said conductor.

13. A transmit/receive antenna of a telemetry assembly of an implantable electronic medical device, the medical device having a device body and a header disposed on said device body, the transmit/receive antenna comprising:
an elongated conductor configured to form a form fit with a outer contour of at least a portion of the header, and to be fixed thereby in the header;
said conductor having a first section with a spring elastic design forming an Ω-shaped bracket configured to embrace a connector in the header.

14. An implantable electronic medical device, comprising:
a device body, a header disposed on said device body, and a telemetry assembly for signal transmission to and/or from outside a body of a patient when the device is implanted;
a transmit/receive antenna connected to said telemetry assembly, said transmit/receive antenna being an elongated conductor arranged in a region of said header;
said transmit/receive antenna being configured to form-fittingly engage an outer contour of at least a portion of said header and to be fixed in said header; and
said elongated conductor having a first section forming a bracket with a spring-elastic design configured to embrace a connector in said header with direct physical and electrical contact therewith.