What is claimed is:

1. An electric shaver, wherein the electric shaver comprises a machine body and a cutter head that are connected to each other, wherein the machine body comprises a housing, a control chip and a driving component, wherein the control chip and the driving component are provided within the housing, and a head portion induction element is provided on the cutter head; the cutter head is in transmission connection with the driving component, and both the head portion induction element and the driving component are connected to the control chip; and the control chip is configured to control the driving component to be started when receiving a signal from the head portion induction element;

   the cutter head can be closed or opened relative to the machine body, wherein when the cutter head is closed relative to the machine body, the driving component is in transmission connection with the cutter head, and when the cutter head is opened relative to the machine body, the driving component is separated from the cutter head; and

   the electric shaver further comprises a guide assembly, the guide assembly is connected to the control chip, when the cutter head is closed relative to the machine body, the guide assembly is communicated to the head portion induction element, so that the control chip is communicated to the head portion induction element; and when the cutter head is opened relative to the machine body, the guide assembly is disconnected from the head portion induction element, so that the control chip is disconnected from the head portion induction element,

   wherein the cutter head further comprises a cutter net cover and an inner blade provided inside the cutter net cover; and

   the head portion induction element comprises the cutter net cover, and the control chip can be communicated to the cutter net cover, so as to be configured to control the driving component to be started to drive the inner blade to work, or control the driving component to be turned off to make the inner blade stop working, when detecting that an electrical signal carried by the cutter net cover changes.

2. The electric shaver according to claim 1, wherein the driving component comprises a motor and a transmission shaft assembly being in transmission connection with the motor, wherein the motor is provided in an inner cavity of the housing and connected to the control chip; a drive connection hole communicating with the inner cavity of the housing is provided on an end surface of one end of the housing; and the transmission shaft assembly is provided on the end surface, and the transmission shaft assembly passes through the drive connection hole to be in transmission connection with the motor, when the cutter head is closed relative to the machine body, the transmission shaft assembly is in transmission connection with the cutter head, and when the cutter head is opened relative to the machine body, the transmission shaft assembly is separated from the cutter head; and

the guide assembly is connected to the control chip and the transmission shaft assembly at the same time, when the transmission shaft assembly is in transmission connection with the cutter head, the control chip is communicated to the head portion induction element through the guide assembly, the transmission shaft assembly and the cutter head sequentially; and when the transmission shaft assembly is separated from the cutter head, the transmission shaft assembly is disconnected from the cutter head, so that the control chip is disconnected from the head portion induction element.

3. The electric shaver according to claim 2, wherein the guide assembly comprises a first conductive sheet and a first conductive wire, wherein the first conductive sheet is connected to the transmission shaft assembly, and two ends of the first conductive wire are respectively connected to the control chip and the first conductive sheet.

4. The electric shaver according to claim 3, wherein the first conductive wire is a shielded wire.

5. The electric shaver according to claim 1, wherein the guide assembly comprises a conduction connection assembly and a conduction control assembly, wherein the conduction connection assembly is provided inside the housing and connected to the control chip; and

the conduction control assembly is provided on the machine body, and when the cutter head is closed relative to the machine body, the conduction control assembly is communicated to the head portion induction element and the conduction connection assembly at the same time, so that the control chip is communicated to the head portion induction element through the conduction connection assembly and the conduction control assembly sequentially, and when the cutter head is opened relative to the machine body, the conduction control assembly is disconnected from the head portion induction element, so that the control chip is disconnected from the head portion induction element.

6. The electric shaver according to claim 5, wherein the conduction connection assembly comprises a second conductive sheet and a second conductive wire, the second conductive sheet is connected to one end of the conduction control assembly away from the cutter head, and the second conductive wire is connected to the control chip and the second conductive sheet at the same time.

7. The electric shaver according to claim 6, wherein the second conductive wire is a shielded wire.

8. The electric shaver according to any one of claims 5-7, wherein a control connection hole communicating with an inner cavity of the housing is provided on the housing; and the conduction control assembly comprises a connecting member and a control member, wherein the connecting member passes through the control connection hole; a first end of the connecting member is located in the housing and configured to be communicated to the conduction connection assembly; and a second end of the connecting

member is located outside the housing and configured to be communicated to the head portion induction element; and

the control member is provided on the connecting member, when the cutter head is closed relative to the machine body, the second end is communicated to the head portion induction element, and the first end is communicated to the conduction connection assembly, so that the control chip is communicated to the head portion induction element; and when the cutter head is opened relative to the machine body, the second end is disconnected from the head portion induction element, and the control member makes the first end disconnected from the conduction connection assembly, so that the control chip is disconnected from the connecting member and the head portion induction element at the same time.

9. The electric shaver according to claim 8, wherein the connecting member comprises a connecting component and a blocking component, the connecting component passes through the control connection hole, and one end of the connecting component is located in the housing, the other end of the connecting component is located outside the housing, the blocking component is connected to one end of the connecting component located inside the housing; and the blocking component is configured to abut against the housing to prevent the connecting member from disengaging from the housing.

10. The electric shaver according to claim 8 or 9, wherein the control member comprises an elastic component, the elastic component is connected to the connecting member, and the elastic component is configured to make the connecting member have a tendency of moving away from the conduction connection assembly, when the cutter head is closed relative to the machine body, the connecting member compresses the elastic component, and the first end of the connecting member is communicated to the conduction connection assembly, so that the control chip is communicated to the head portion induction element through the conduction connection assembly and the connecting member sequentially; and when the cutter head is opened relative to the machine body, the connecting member is away from the conduction connection assembly under an action of an elastic force of the elastic component, so that the connecting member is disconnected from the conduction connection assembly, and the control chip is disconnected from the cutter head.

11. The electric shaver according to any one of claims 5-10, wherein the guide assembly further comprises a cutter net contacting elastic piece, and the cutter net contacting elastic piece is provided on the cutter head, and connected to the head portion induction element, when the cutter head is closed relative to the machine body, the conduction control assembly is communicated to the head portion induction element through the cutter net contacting elastic piece.

12. The electric shaver according to claim 11, wherein the electric shaver further comprises a cutter head support movably connected to the machine body,

wherein a plurality of cutter heads are provided, the plurality of cutter heads are all provided on the cutter head support, and the cutter net contacting elastic piece comprises a first elastic piece part connected to the head portion induction element and a second elastic piece part configured to be communicated to the conduction control assembly, wherein the first elastic piece part and the second elastic piece part are connected to each other, and the first elastic piece part and the cutter head are provided in a one-to-one correspondence.

13. The electric shaver according to claim 12, wherein a plurality of first elastic piece parts and a plurality of second elastic piece parts are provided, and the plurality of first elastic piece parts and the plurality of second elastic piece parts are alternately arranged in a circumferential direction.

14. The electric shaver according to any one of claims 5-13, wherein the electric shaver is a beard clipper, and the driving component of the beard clipper comprises an ultrasonic amplitude coil and a high-frequency acoustic-wave oscillation circuit, wherein the ultrasonic amplitude coil and the high-frequency acoustic-wave oscillation circuit are both located in the machine body, and the cutter head is in transmission connection with the ultrasonic amplitude coil.