Claims

WHAT IS CLAIMED IS:

1. A casing structure of an electronic device, casing structure comprising a first casing and a second casing, the second casing mounted on the first casing and having a substantially rectangular shape, the main body portion having a first end and a second end arranged oppositely, the first end being rotatable about and supported by the first casing, such that the first casing and the second casing are in a relatively open state or closed state, and the casing structure of an electronic device comprising:

at least one position-limiting portion extending downward from a middle portion of the main body portion and located between the first end and the second end, the position-limiting portion having a position-limiting surface facing upward and sloping toward the first end; and

at least one abutment portion, the at least one abutment portion being located at a position of the first casing corresponding to the position-limiting portion and used for being in butt joint with the position-limiting portion, the abutment portion having a downward-sloping abutment surface that abuts the position-limiting surface, wherein

when the second casing is rotated from the open state to the closed state, the position-limiting portion rotates with the first end as an axis to form a virtual rotating shaft, the position-limiting surface is substantially located on a cylindrical surface with the virtual rotating shaft as an axis, and the position-limiting surface moves in a substantially arc-shaped path to a position obliquely below the abutment portion so as to contact the abutment surface.

2. The casing structure of an electronic device according to claim 1, wherein at least one buckle extends from the edge of the first end to the second end, at least one clamping groove is formed in the first casing and used for being clamped with the at least one buckle, and the second casing rotates with the edge of the first end or the buckle as a supporting point to form the virtual rotating shaft.

3. The casing structure of an electronic device according to claim 1, wherein when the first casing and the second casing are in the closed state, the position-limiting portion and the abutment portion do not interfere with each other.

4. The casing structure of an electronic device according to claim 1, wherein when the second casing and the first casing are in the closed state, the position-limiting portion and the abutment portion do not interfere with each other.

5. The casing structure of an electronic device according to claim 1, wherein the

size of the position-limiting portion is gradually reduced from the root to the free end, a through hole is formed in the first casing and is adjacent to the abutment portion, and the free end of the position-limiting portion penetrates through the through hole.

6. The casing structure of an electronic device according to claim 1, wherein the number of the position-limiting portions is two, and the two position-limiting portions are located on the two opposite sides of the main body portion respectively.

7. The casing structure of an electronic device according to claim 1, wherein a locking mechanism is arranged close to the second end and used for locking the second end with the first casing.

8. The casing structure of an electronic device according to claim 7, wherein the locking mechanism comprises a locking piece mounted on the first casing or the second casing and clamping hooks arranged on the second casing or the first casing, and the locking piece can move between a locking position and an unlocking position so as to be separated from or clamped with the clamping hooks.

9. The casing structure of an electronic device according to claim 1, wherein the electronic device is a mobile terminal, the first casing is a battery casing, the second casing is a battery cover, and the first casing and the second casing are jointly used for accommodating a battery.

10. The casing structure of an electronic device according to claim 1, wherein when the first casing and the second casing are in the closed state, the position-limiting surface is substantially parallel to the abutment surface.