CLAIMS

1. A split universal joint for a carrier head, the carrier head having a connecting disc (1) and a polishing part, the connecting disc (1) being provided with a channel (10), and the polishing part having a base (2), wherein the split universal joint comprises:

a guide part (40) adapted to float up and down in the channel (10);

a fixed part (42) connected to the base (2); and

a connecting structure (41) connected between the guide part (40) and the fixed part (42), wherein the connecting structure (41) is a flexible structure, which is connected at one end to the guide part (40) and connected at the other end to the fixed part (42), and the guide part (40) is adapted to swing relative to the fixed part (42) by means of the connecting structure (41).

2. A split universal joint for a carrier head, the carrier head having a connecting disc (1) and a polishing part, the connecting disc (1) being provided with a channel (10), and the polishing part having a base (2), wherein the split universal joint comprises:

a guide part (40) adapted to float up and down in the channel (10);

a fixed part (42) fixedly connected to the base (2); and

a connecting structure (41) connected between the guide part (40) and the fixed part (42),

wherein the fixed part (42) is provided with a first connecting hole, and one end of the connecting structure (41) is embedded in the first connecting hole and connected to the first connecting hole by an elastic ring (48);

and/or the guide part (40) is provided with a second connecting hole at a lower end, and the other end of the connecting structure (41) is embedded in the second connecting hole and connected to the second connecting hole by an elastic ring (48);

wherein the guide part (40) is adapted to swing relative to the fixed part (42) by means of the connecting structure (41).

3. The split universal joint for a carrier head according to claim 1 or 2, wherein the connecting structure (41) is detachably connected at one end to the guide part (40) and detachably connected at the other end to the fixed part (42).

4. The split universal joint for a carrier head according to claim 1 or 2, wherein the

connecting structure (41) is made of rubber.

5. The split universal joint for a carrier head according to claim 1 or 2, wherein an outer side of the connecting structure (41) is provided with tooth-like projections (43).

6. The split universal joint for a carrier head according to any one of claims 1-5, wherein the guide part (40) is made of a metal material.

7. The split universal joint for a carrier head according to any one of claims 1-5, wherein the fixed part (42) is made of metal.

8. The split universal joint for a carrier head according to claim 1 or 2, wherein the guide part (40) and the connecting structure (41) are connected into one piece.

9. A polishing device comprising the split universal joint for a carrier head according to any one of claims 1-8.