Claims

What is claimed is:

1. An anti-shimmy device adapted for a wheel of a child carrier, wherein the anti-shimmy device comprises:

a connecting base connected to a frame of the child carrier;

a wheel base connected to the wheel of the child carrier;

a spindle component fixedly connected to one of the connecting base and the wheel base and rotatably connected to another one of the connecting base and the wheel base; and

a restraining mechanism configured to restrain a shimmy movement of the wheel base relative to the connecting base,

wherein the restraining mechanism comprises a shaft sleeve and a resilient component, the shaft sleeve is movably disposed on the another one of the connecting base and the wheel base and sleeved on the spindle component, and the resilient component is disposed between the shaft sleeve and the another one of the connecting base and the wheel base for driving the shaft sleeve to push the spindle component along a lateral direction of the spindle component.

2. The anti-shimmy device of claim 1, wherein the restraining mechanism further comprises at least one bearing fixedly disposed on the another one of the connecting base and the wheel base, the spindle component passes through the at least one bearing for achieving a rotatable connection of the spindle component and the another one of the connecting base and the wheel base.

3. The anti-shimmy device of claim 1, wherein the restraining mechanism further comprises two bearings fixedly disposed on the another one of the connecting base and the wheel base, the spindle component passes through the two bearings for achieving a rotatable connection of the spindle component and the another one of the connecting base and the wheel base,

the shaft sleeve is positioned between the two bearings.

4. The anti-shimmy device of claim 1, wherein the another one of the connecting base and the wheel base includes a base body, an operator and a positioning component, the shaft sleeve and the spindle component are disposed inside the base body, the operator and the positioning component are movably disposed on the base body and linked to each other, the positioning component passes through the base body to engage with the spindle component, the operator can drive the positioning component to disengage from the spindle component.

5. The anti-shimmy device of claim 4, wherein the resilient component is disposed between the shaft sleeve and the operator.

6. The anti-shimmy device of claim 5, wherein the anti-shimmy device further comprises two positioning columns, one of the two positioning columns protrudes from the shaft sleeve, the other one of the two positioning columns protrudes from the operator, two ends of the resilient component being sleeved on the two positioning columns respectively.

7. The anti-shimmy device of claim 4, wherein the operator includes two opposite ends and a center section between the two ends, the resilient component is disposed between the shaft sleeve and the center section, the positioning component connects to one of the two ends of the operator.

8. The anti-shimmy device of claim 7, wherein the another one of the connecting base and the wheel base further includes a spring, the spring is between the shaft sleeve and the other one of the two ends of the operator.

9. The anti-shimmy device of claim 1, wherein the restraining mechanism further comprises an abutting component disposed between the connecting

base and the wheel base.

10. The anti-shimmy device of claim 9, wherein the abutting component protrudes from a surface of the wheel base and being configured to abut against a surface of the connecting base adjacent to the wheel base.

11. The anti-shimmy device of claim 10, wherein the spindle component is fixedly connected to the wheel base and rotatably connected to the connecting base.

12. The anti-shimmy device of claim 11, wherein the spindle component protrudes from the wheel base, the spindle component is inserted into the connecting base, wherein a length of the spindle component is greater than a length of the abutting component.