Claims

What is claimed is:

1. A carrycot (100) comprising:

a carrycot body (10) for accommodating a child and for a harness to pass though; and

a mounting bracket (20) disposed on an outer surface of the carrycot body (10), the mounting bracket (20) comprising:

a bracket body (2A);

a plurality of engaging component (23) for positioning the carrycot (100);

at least one reinforcing component (27) disposed between the plurality of engaging components (23); and

a mounting assembly (24) for the harness to be coupled to, and the harness being coupled to the mounting assembly (24) and passing through the carrycot body (10).

2. The carrycot (100) of claim 1, characterized in that each of the plurality of engaging component (23) comprises an engaging portion (231) protruding from the bracket body (2A) for positioning the carrycot body (10).

3. The carrycot (100) of claim 2, characterized in that a fixing portion (232) is formed on at least one end of each of the plurality of engaging component (23) and is affixed to the bracket body (2A).

4. The carrycot (100) of any one of claims 1 to 3, characterized in that the plurality of engaging component (23) comprise a rod-shaped structure.

5. The carrycot (100) of any one of claims 1 to 4, characterized in that the plurality of engaging component (23) and the mounting bracket (20) are integrally formed with each other.

6. The carrycot (100) of any one of claims 1 to 5, characterized in that an installation slot (14) is formed on the carrycot (100) for cooperating with the mounting bracket (20), and the bracket body (2A) is installed on the installation slot (14).

7. The carrycot (100) of any one of claims 1 to 6, characterized in that the mounting bracket (20) comprises a plurality of pipes.

8. The carrycot (100) of any one of claims 1 to 7, characterized in that the bracket body (2A) comprises a bottom pipe (21) and at least one lateral pipe (22), the bottom pipe (21) is disposed on a bottom portion of the carrycot body (10), the at least one lateral pipe (22) is disposed on a lateral portion of the carrycot body (10), and the plurality of engaging component (23) is disposed on the bottom pipe (21).

9. The carrycot (100) of claim 8, characterized in that the bottom pipe (21) and the at least one lateral pipe (22) are integrally formed with each other.

10. The carrycot (100) of any one of claims 1 to 9, further characterized by a handle (101) movably disposed on the carrycot body (10) or the mounting bracket (20).

11. The carrycot (100) of any one of claims 1 to 10, characterized in that the mounting assembly (24) comprises a shoulder strap mount (242) and a crotch strap mount (241) for mounting a shoulder strap and a crotch strap of the harness respectively.

12. The carrycot (100) of claim 11, characterized in that at least one first shoulder strap hole (2421) is formed on the shoulder strap mount (242), at least one second shoulder strap hole (12) is formed on a bottom portion of the carrycot body (10), and the at least one first shoulder strap hole (2421) is aligned with the at least one second shoulder strap hole (12).

13. The carrycot (100) of claim 11, characterized in that at least one first crotch strap hole (2411) is formed on the crotch strap mount (241), at least one second crotch strap hole (11) is formed on a bottom portion of the carrycot body (10), and the at least one first crotch strap hole (2411) is aligned with the at least one second crotch strap hole (11).

14. The carrycot (100) of any one of claims 1 to 7, characterized in that the mounting bracket (20) further comprises at least one fixing component for restraining the plurality of engaging component (23), and the at least one fixing component comprises two fixing blocks (26) respectively disposed on two ends of one of the plurality of engaging component (23).

15. The carrycot (100) of claim 14, characterized in that the at least one fixing component comprises a first fixing component (2B) and a second fixing component (2C), the at least one reinforcing component (27) is disposed between one of two fixing blocks (26) of the first fixing component (2B) and one of two fixing blocks (26) of the second fixing component (2C), so that the one of two fixing blocks (26) of the first fixing component (2B) is affixed to the one of two fixing blocks (26) of the second fixing component (2C) by the at least one reinforcing component (27).

16. The carrycot (100) of claim 14, characterized in that the mounting bracket (20) further comprises at least one supporting block (25) disposed on an end of a bottom pipe (21) of the bracket body (2A) away from the plurality of engaging component (23), and a height of the at least one supporting block (25) from the bracket body (2A) is equal to a height of each of the two fixing blocks (26) from the bracket body (2A), so that the carrycot body (10) is supported in a horizontal direction by the at least one supporting block (25) and the two fixing blocks (26) cooperatively.

17. The carrycot (100) of any one of claims 1 to 16, characterized in that the mounting bracket (20) further comprises at least one auxiliary reinforcing component (28) disposed between the mounting assembly (24) and the bracket body (2A), so that the mounting assembly (24) is affixed to the bracket body (2A) by the at least one auxiliary reinforcing component (28).

18. The carrycot (100) of any one of claims 1 to 17, characterized in that the carrycot body (10) is made of foam material.

19. The carrycot (100) of any one of claims 1 to 18, characterized in that a longitudinal direction of the plurality of engaging component (23) is parallel to a longitudinal direction of the carrycot body (10).

20. A carrycot structure (1000) for a vehicle seat, the carrycot structure (1000) comprising a base (200) and the carrycot (100) of any one of claims 1 to 19, and the carrycot (100) being detachably installed on the base (200).

21. The carrycot structure (1000) of claim 20, characterized in that at least one locking component (201) protrudes from the base (200) and is for cooperating with one of the plurality of engaging component (23), and a locking slot (202) is formed on

the at least one locking component (201) and for engaging with the one of the plurality of engaging component (23).

22. The carrycot structure (1000) of any one of claims 20 to 21, characterized in that at least one restraining block (203) protrudes from the base (200) and is for restraining a movement of the carrycot (100) relative to the base (200).

23. A child carrier comprising a carrier frame and the carrycot (100) of any one of claims 1 to 19, and the carrycot (100) being detachably installed on the carrier frame.

24. The child carrier of claim 23, characterized in that the carrycot (100) further comprises at least one first connecting component (102), the carrier frame comprises at least one second connecting component for cooperating with the at least one first connecting component (102), the carrycot (100) is detachably installed on the carrier frame by a cooperation of the at least one first connecting component (102) and the at least one second connecting component.

25. The child carrier of claim 24, characterized in that the at least one first connecting component (102) is disposed on the carrycot body (10) or the mounting bracket (20).

26. The child carrier of any one of claims 23 to 25, characterized in that the carrier frame is a stroller frame or a crib frame.