CLAIMS

1. Pivoting device (10) for a component (11), in particular of a flow machine (1), having a suspension device (14), which can be moved along a leveling axis (N), for arranging the pivoting device (10) on a holding device (20), and a receiving device (15), which can be rotated about a pivoting axis (S) and can be connected to the component (11) along a receiving axis (A), wherein the pivoting axis (S) forms a first angle (α) with the leveling axis (N) and the pivoting axis (S) forms a second angle (β) with the receiving axis (A), and wherein the suspension device (14) can be moved along the leveling axis (N) as a function of a center of gravity of the component (11), which can be connected to the receiving device (15).

2. The pivoting device (10) according to claim 1, wherein a sum of the first angle (α) and the second angle (β) is 90°.

3. A pivoting device (10) according to at least one of the preceding claims, wherein the first angle (α) and the second angle (β) are each 45°.

4. A pivoting device (10) according to at least one of the preceding claims, wherein the pivoting device (10) has a weight sensor (34) for detecting the weight received at the receiving device (15).

5. A pivoting device (10) according to at least one of the preceding claims, wherein the pivoting device (10) includes a leveling sensor (44) for horizontally aligning the leveling axis.

6. A pivoting device (10) according to at least one of the preceding claims, wherein the receiving device (15) has a reading device (35) and/or a reading/writing device (35) for data transmission.

7. A pivoting device (10) according to at least one of the preceding claims, including a control device (43) which is set up to control the rotation of the receiving device (15)

about the pivoting axis (S) and a linear movement of the suspension device (14) along the leveling axis (N).

8. A pivoting device (10) according to at least one of the preceding claims, wherein the pivoting device (10) has an energy storage device (33) for operating the pivoting device (10).

9. A pivoting device (10) according to at least one of the preceding claims, wherein the pivoting device (10) includes a display device (23) for displaying information available on the pivoting device (10).

10. System (70) for pivoting a component (11), in particular of a flow machine (1), having a pivoting device (10) according to at least one of the preceding claims with a receiving device (15) and a coupling device (22) which can be connected to the receiving device (15), wherein the coupling device (22) can be connected to the component (11).

11. A system (70) according to claim 10, wherein the system includes adapter device (21) that can be arranged on the component (11) and on which the coupling device (22) is arranged or formed.

12. System (70) according to at least one of claims 10 or 11, wherein the coupling device (22) or the adapter device (21) has a readable or readable/writable memory unit (55), and the pivoting device (10) has, in particular on the receiving device (15), a reading device (35) and/or a reading/writing device (35) for reading or reading and writing to the memory unit (55) of the coupling device (22) or the adapter device (21).

13. A system (70) according to at least one of claims 10 to 12, wherein the receiving device (15) includes a closure control (25) for controlling the secure attachment of the coupling device (22) on the receiving device (15).

14. A method (100) for moving a component, in particular of a flow machine, by means of a pivoting device (10), having the following steps:

b) Attaching the component (11) to be moved on the receiving device (15) of the pivoting device (10) along the receiving axis (A),

f) Moving a suspension device (14) of the pivoting device (10) along a leveling axis (N) for horizontally aligning the leveling axis of the pivoting device (10) as a function of the center of gravity of the component (11),

g) Pivoting the received component (11) about the pivot axis (S) of the receiving device (15), which forms a first angle (α) with the leveling axis (N) and a second angle (β) with the receiving axis (A).

15. The method (100) according to claim 14, wherein the sum of the first angle (α) and the second angle (β) is 90°.

16. The method (100) according to at least one of claims 14 or 15, wherein the component (11) is pivoted about the pivot axis through an angle of 90° in space.

17. The method (100) according to at least one of claims 14 to 16, wherein in step b) the coupling device (22) connected to the component (11) is connected to the receiving device (15) of the pivoting device (10).

18. The method (100) of at least one of claims 14 to 17, including the further step:

(a) Arranging the adapter device (21) on the component (11), whereby the coupling device (22) is arranged or will be arranged on the adapter device (21).

19. The method (100) of at least one of claims 14 to 18, including the further step of:

c) Reading stored information from the memory unit (55) arranged on the coupling device (22) or adapter device (21), whereby the pivoting device (10) is operated according to the information read.

20. The method (100) of at least one of claims 14 to 19, including the further steps of:

d) Applying a predetermined holding force to the pivoting device (10), and

e) Detaching the component (11) in particular from the flow machine (1).