Claims

1. Indicator device (25) for a container (3) containing a fluid (2) to be nebulized by a nebulizer (1),

the indicator device (25) being adapted for counting and/or indicating a number of uses performed or still possible with the container (3) or nebulizer (1),

characterized in

that the indicator device (25) comprises an insertion opening (54) for a driving part (52) for driving, actuating or triggering the counting or indicating of the indicator device (25), wherein the indicator device (25) is adapted to block or close the insertion opening (54) in a locked state when a predetermined number of uses has been reached or exceeded.

2. Indicator device according to claim 1, characterized in that the insertion opening (54) is arranged at a housing (31) or lower part (34) of the indicator device (25).

3. Indicator device according to claim 1 or 2, characterized in that the insertion opening (54) is arranged in the center and/or on an axial face of the indicator device (25).

4. Indicator device according to any one of claims 1 to 3, characterized in that the indicator device (25) comprises an indicator element (35) and an actuation element (36) for indexing the indicator element (35), wherein the actuation element (36) is constructed to block or close the insertion opening (54) in the locked state.

5. Indicator device according to any one of claims 1 to 4, characterized in that the indicator device (25) comprises a blocking part (61) which blocks or closes the insertion opening (54) in the locked state.

6. Indicator device (25) for a container (3) containing a fluid (2) to be nebulized by a nebulizer (1),

the indicator device (25) being adapted for counting and/or indicating a number of uses performed or still possible with the container (3) or nebulizer (1),

characterized in

that the indicator device (25) comprises a piercing part (48) for opening an aeration of the container (3).

7. Indicator device according to claim 6, characterized in that the indicator device (25) comprises an insertion opening (54) allowing insertion of a driving part (52) for actuating the piercing part (48).

8. Indicator device according to claim 6 or 7, characterized in that the indicator device (25) is constructed according to any one of claims 1 to 5.

9. Container (3) for a nebulizer (1),

the container (3) containing a fluid (2), and

the container (3) comprising an indicator device (25) for counting or indicating a number of uses performed or still possible with the container (3),

characterized in

that the indicator device (25) is constructed according to any one of the preceding claims.

10. Container (3) for a nebulizer (1),

the container (3) containing a fluid (2), and

the container (3) comprising an indicator device (25) for counting and/or indicating a number of uses performed or still possible with the container (3),

wherein the indicator device (25) comprises a blocking part (61) which blocks further use of the container (3) in a locked state when a predetermined number of uses has been reached or exceeded with the container (3),

characterized in

that the blocking part (61) is integrated into a housing (31) of the indicator device (25) and/or is moveable transversally to a longitudinal or dispensing direction of the container (3).

11. Container (3) for a nebulizer (1) according to claim 10, wherein the blocking part (61) closes an insertion opening (54) of the indicator device (25) in the locked state.

12. Container (3) for a nebulizer (1),

the container (3) containing a fluid (2), and

the container (3) comprising an indicator device (25) for counting and/or indicating a number of uses performed or still possible with the container (3),

wherein the indicator device (25) comprises a blocking part (61) which blocks further use of the container (3) in a locked state when a predetermined number of uses has been reached or exceeded with the container (3),

characterized in

that the blocking part (61) closes an insertion opening (54) of the indicator device (25) in the locked state.

13. Container according to any one of claims 10 to 12, characterized in that the blocking part (61) is connected with an actuation arm (38) for indexing an indicator element (35).

14. Container according to any one of claims 10 to 13, characterized in that the blocking part (61) comprises or is formed by a sliding carriage.

15. Container (3) for a nebulizer (1),

the container (3) containing a fluid (2), and

the container (3) comprising an indicator device (25) for counting and/or indicating a number of uses performed or still possible with the container (3),

wherein the indicator device (25) comprises an indicator element (35) and an actuation element (36) for indexing the indicator element (35),

characterized in

that the actuation element (36) is constructed to block further use of the container (3) in a locked state when a predetermined number of uses has been reached or exceeded with the container (3).

16. Container (3) for a nebulizer (1),

the container (3) containing a fluid (2), and

the container (3) comprising an indicator device (25) for counting and/or indicating a number of uses performed or still possible with the container (3),

wherein the indicator device (25) comprises an indicator element (35) and an actuation element (36) for indexing the indicator element (35),

characterized in

that the actuation element (36) is moveable back and forth between a first and second position for indexing the indicator element (35) and is moveable into a third position to block further use of the container (3) in a locked state when a predetermined number of uses has been reached or exceeded with the container (3).

17. Container according to claim 16, wherein the actuation element (36) is constructed to block further use of the container (3) in a locked state when a predetermined number of uses has been reached or exceeded with the container (3).

18. Container according to any one of claims 15 to 17, characterized in that the actuation element (36) comprises or is formed by a sliding carriage.

19. Container according to any one of claims 15 to 18, characterized in that the actuation element (36) closes an insertion opening (54) of the indicator device (25) in the locked state.

20. Container according to any one of the claims 10 to 19, characterized in that the indicator device (25) is constructed according to any one of claims 1 to 8.

21. Nebulizer (1) for a fluid (2) the nebulizer (1) comprising:

a replaceable container (3) containing the fluid (2);

a nebulizer housing (24) for receiving the container (3);

a housing part (18) which can be detached from the nebulizer housing (24) or opened for replacing the container (3); and

an indicator device (25) for counting and/or indicating a number of uses performed or still possible with the container (3);

characterized in

that the indicator device (25) is constructed according to any one of claims 1 to 8.

22. Nebulizer (1) for a fluid (2) the nebulizer (1) comprising:

a replaceable container (3) containing the fluid (2);

a nebulizer housing (24) for receiving the container (3);

a housing part (18) which can be detached from the nebulizer housing (24) or opened for replacing the container (3); and

an indicator device (25) for counting and/or indicating a number of uses performed or still possible with the container (3);

characterized in

that the container (3) is constructed according to any one of claims 9 to 20.