

CLAIMS

1. A rodent trap (1) comprising a housing (2), an inner channel (3), a spring-loaded killing mechanism (10) comprising at least one spring (11) and at least one striker plate (12), a reloader (13), a trigger mechanism (14), and a bait (15), the housing comprising an opening (3B) into the inner channel and one or more sensors (16) arranged at/in the inner channel and/or the opening for triggering the trigger mechanism if a rodent (400) is detected, the bait being arranged inside the inner channel, the striker plate being configured to move between two positions by means of the spring (11), a first position (3') in which at least a part of the striker plate is arranged at a first side of the inner channel and/or opening leaving the inner channel and/or opening open for passage, characterized in that at least a part of the striker plate (12), in a second position (3''), is arranged at a second side of the inner channel (3) and/or opening (3B) being opposite the first side and that the movement of the striker plate (12) between the two positions (3', 3'') is a linear motion.
2. The rodent trap (1) according to claim 1, wherein the movement of the striker plate (12) is in a direction essentially perpendicular to the extension of the inner channel (3).
3. The rodent trap (1) according to claim 1 or 2, wherein the striker plate (12) in the second position (3'') is configured to block/close at least a part of the inner channel (3) and/or opening (3B) such that the rodent (400) is unable to reach the bait (15) through the inner channel/opening.
4. The rodent trap (1) according to any preceding claim, wherein the striker plate (12) comprises an opening (120) being aligned with the inner channel (3) and/or opening (3B) when the striker plate (12) is in its first position (3').
5. The rodent trap (1) according to any preceding claim, wherein the at least one spring (11) is directly coupled to the striker plate (12).
6. The rodent trap (1) according to any preceding claim, wherein the at least one spring (11) is under compression when the striker plate (12) is in its first position (3').
7. The rodent trap (1) according any preceding claim, wherein the reloader (13) is configured to move the striker plate (12) from its second position (3'') to its first position (3').
8. The rodent trap (1) according to any preceding claim, wherein the reloader (13) comprises a pusher part (130) and a handle part (131), the pusher part being configured to

push the striker plate from its second position (3'') to its first position (3') by moving the handle part.

9. The rodent trap (1) according to claim 8, wherein the pusher part (130) and the handle part (131) are configured to be moved together in a linear motion.

5 10. The rodent trap (1) according to claim 8, wherein the pusher part (130) and the handle part (131) are configured to be moved together in a circular motion.

11. The rodent trap (1) according to any of claims 8 to 10, wherein the pusher part (130) is connected to the striker plate (12).

10 12. The rodent trap (1) according to claim 11, wherein the pusher part (130) is disconnectable from the striker plate (12).

13. The rodent trap (1) according to claim 12, wherein the reloader (13) comprises a spring (132) for disconnecting and moving the pusher part (130) from the striker plate (12).

14. The rodent trap (1) according to claim 13, wherein the reloader spring (132) is configured for retracting the handle part (131).

15 15. The rodent trap (1) according to claim 13 or 14, wherein the reloader spring (132) is operatively connected to a damper of the movement and retraction of the pusher and handle parts (130, 131).

20 16. The rodent trap (1) according to any preceding claim, wherein the striker plate (12) comprises at least two ends (12A, 12B, 12C) of which a first inner end (12A) is configured to hit and kill a rodent (400) in the second position (3'') after the rodent trap (1) has been triggered and the striker plate (12) has been moved from the first position (3') to the second position.

25 17. The rodent trap (1) according to claim 16, wherein the first inner end (12A) of the striker plate (12) is configured with a rounded shape and/or blunt shape and/or obtuse-angled shape and/or an angled shape and/or pointed shape and/or sharp shape and/or sharp-edged shape and/or sharpened edge.