CLAIMS

1. A device (1) for voluntary self-sorting of live aquatic animals, comprising:

at least one passage device (02), by means of which a water tank (28) is divided into a passage-facilitating region (03) and a passage-obstructing region (04), the at least one passage device comprising a carrier plate, wherein the at least one passage device has a plurality of passage openings (06)in the carrier plate that are adaptable in size to the aquatic animals to be sorted, wherein the at least one passage device comprises guide elements (07) that protrude from the carrier plate towards the passage-facilitating region (03) and retaining elements (08) that protrude from the carrier plate towards the passage-obstructing region (04)),
characterized in that
the guide elements (07) comprises climbing aids (09) and the retaining elements (08) comprise walls (11)adapted to a contour of the passage openings (06), and wherein the passage openings (06) are flat and arranged in a carrier plate (05), and have a height that is larger than a height of the aquatic animals to be sorted.

2. The device (01) according to Claim 1,
characterized in that
the at least one passage device (02) is arranged vertically and/or the climbing aids (09) are arranged horizontally.

3. The device (01) according to Claim 1 or 2,
characterized in that
the climbing aids (09) are plate-shaped or wedge-shaped.

4. The device (01) according to one of the preceding claims,
characterized in that
the passage openings (06) are regularly circular or rectangular or irregular in shape.

5. The device (01) according to one of the preceding claims,
characterized in that
the size of the passage openings (06) is adjustable by means of two carrier plates (05) with passage openings (06), and wherein the carrier plates (05) are displaceable relative to one another in the at least one passage device (02).

6. A device (01) for voluntary self-sorting of live aquatic animals comprising:
at least one passage device (02), by means of which a water tank (28) is divided into a passage-facilitating region (03) and a passage-obstructing region (04),the at least one passage device comprising a carrier plate,
wherein the at least one passage device has a plurality of gap-shaped passage openings (06) in the carrier plate that are adaptable in size to the aquatic animals to be sorted,
wherein
- the at least one passage device comprises guide elements (07) adjacent to one another that protrude from the carrier plate towards the passage-facilitating region (03) and retaining elements (08) that protrude from the carrier plate towards the passage-obstructing region (04),
- outer angles (17) of the guide elements (07) point towards the passage-facilitating region (03),
- the retaining elements (08) are formed by inner angles (16) of the guide elements (07),

characterized in that

the guide elements (07) comprise angular sections (15) with an invariable inner angle (16) and an invariable outer angle (17) and in that the width of the gap-shaped passage openings (06) is adjustable by a spacing of adjacent angular sections (15).

7. The device (01) according to Claim 6,
characterized in that
the angular sections (15) comprise climbing aids (09), and wherein the climbing aids are extendible over a plurality of angular sections (15) arranged next to one another.

8. The device (01) according to Claim 7,
characterized in that
the angular sections (15) are arranged vertically and/or the climbing aids (09) are arranged horizontally.

9. The device (01) according to Claim 7 or 8,
characterized in that
the angular sections (15) have flexible brush strips (19) as additional retaining element (08) towards the passage-obstructing region (04) on both sides of the gap-shaped passage openings (06).

10. The device (01) according to one of the preceding claims,
characterized in that
a flow element (26) is provided in the at least one passage device (02) for water exchange between the passage-facilitating region (03) and the passage-obstructing region (04), and wherein the flow element (26) comprises a passage barrier (27) so as to prohibit the aquatic animals from passing the flow element (26).

11. The device (01) according to Claim 10,

characterized in that
the flow element (26) comprises a tube (31) and the passage element (27) comprises a mesh screen (32).

12. The device (01) according to one of the preceding claims,
characterized in that
the at least one passage device (02) is modular for adapting to different water tanks (28).

13. The device (01) according to one of the preceding claims,
characterized in that the at least one passage device comprises a plurality of passage devices (02) arrangeable spaced apart in a water tank (28),and wherein the passage openings (06) are formed with decreasing size in the direction of the passage-obstructing regions (04).

14. The device (01) according to one of the preceding claims,
characterized in that
the at least one passage device (02) has a light colouring towards the passage-facilitating region (03) and/or a dark colouring towards the passage-obstructing region (04).

15. The device (01) according to one of the preceding claims, wherein the live aquatic animals are crustaceans.

16. The device (01) according to Claim 15, wherein the crustaceans are shrimp.

17. The device (01) according to one of the preceding claims, wherein the device is arranged in a water tank (28), wherein

different stimuli for attracting the live aquatic animals are provided in the at least one passage-obstructing region (04).

18. The device (01) according to Claim 17, characterized in that the stimuli are formed by a food source, a light source and/or a colouring.