Claims

1. A climatically sealed climate cell (100) for cultivating plants in indoor spaces, wherein a plurality of containers (10) are disposed one above the other in at least two tiers (11) within the climate cell (100), wherein each container (10) comprises an accommodation area (12) with a substrate (13) disposed in the manner of a sheet to accommodate the plants and/or to accommodate seeds, wherein the container (10) comprises a frame (14) which surrounds the perimeter of the accommodation area (12),
wherein the frame (14) comprises at least one fixing means (15) for temporarily or permanently fastening the substrate (13) to the frame;
wherein the substrate (13) is fixed to the frame (14) elevated compared to the accommodation area (12), by means of the fixing means (15), wherein the substrate (13) is configured as a film and / or mat and / or membrane, wherein the substrate (13) with a first side (16) lies on a liquid nutrient solution (18), wherein the plant and / or the seed lies on a second side (17) of the substrate (13) facing away from the liquid nutrient solution (18), and wherein no liquid nutrient solution (18) and no water are arranged on the second side (17).

2. The climatically sealed climate cell (100) as claimed in claim 1,
characterized in that
the climate cell (100) comprises regulating means to regulate a temperature and/or a relative humidity and/or a carbon dioxide content and/or an oxygen content and/or an air speed inside the climate cell (100).

3. The climatically sealed climate cell (100) as claimed in claim 1 or claim 2,
characterized in that
the substrate (13) is configured as a hydromembrane.

4. The climatically sealed climate cell (100) as claimed in claim 3,
characterized in that

the substrate is configured as a hydromembrane, wherein the hydromembrane is permeable to particles, in particular particles of water and/or nutrient particles, up to a maximum particle size of 5 nm, preferably 2.5 nm, and more particularly preferably 1.5 nm.

5. The climatically sealed climate cell (100) as claimed in one of the preceding claims,
characterized in that
the at least one fixing means (15) partially or completely surrounds the container (10) and/or in that the at least one fixing means (15) is disposed along the frame (14).

6. The climatically sealed climate cell (100) as claimed in one of the preceding claims,
characterized in that
the frame (14) is formed in multiple parts, wherein the fixing means (15) is formed by at least one frame part (14a, 14b).

7. The climatically sealed climate cell (100) as claimed in claim 6,
characterized in that
a first frame part (14a) forms a groove and a second frame part (14b) forms a tongue, whereupon both frame parts (14a, 14b) can be connected by means of a tongue-and-groove connection, whereupon the substrate (13) is clamped and fixed between the two frame parts (14a, 14b).

8. The climatically sealed climate cell (100) as claimed in one of the preceding claims,
characterized in that
the container (10) comprises a base (19) with apertures or a lattice-like base (19), wherein the substrate (13) lies on the base (19), and wherein the container (10) is arranged in a tray-shaped accommodation unit (20).

9. The climatically sealed climate cell (100) as claimed in one of the preceding claims,
characterized in that
the at least two tiers (11) are formed by essentially annular or circular or part-circular or polygonal platforms (21) disposed one above the other, wherein a plurality of containers (10) are respectively disposed on a platform (21).

10. The climatically sealed climate cell (100) as claimed in claim 9,
characterized in that
each platform (21) comprises a plurality of mutually separated and radially orientated tracks (22) in which the containers (10) are disposed and which can be displaced from an inner part of the platform (23) in the direction of an outer part of the platform (24).

11. The climatically sealed climate cell (100) as claimed in claim 10,
characterized in that
a distance (25) between two adjacent tracks (22) increases continuously in the radial direction from the inner part of the platform (23) to the outer part of the platform (24).