CLAIMS

1. A growing system, comprising:

- at least one growing space comprising:
  - different locations for plants,
  - a robotic arm equipped with at least one tool,
  - moving means configured to move the robotic arm between these different locations,
- electronic and/or computer communication means,
- a control station remote from the at least one growing space and comprising control means configured to control the robotic arm of each growing space via the communication means, the control means being configured to control the moving means so as to move the robotic arm of this growing space between the different locations of this growing space and/or to control actions of the robotic arm of this growing space,
- means for building a database comprising, for each plant and/or product of a plant, a monitoring over time:
  - of images of this plant and/or product, and/or
  - of physical parameters measured on this plant or product, and
- means for determining a status of this plant or product and/or a recommended action for this plant or product from the data in the database
- means for analyzing actions, on the plant or product, of a user of the control station, and
- computer and/or electronic learning means of a recommended action to be performed on a plant or product depending on its status.

2. The system according to claim **1**, wherein each growing space further comprises viewing means arranged to capture an image of the locations and/or of the robotic arm of this growing space, the control station comprising display means arranged to display this image.

3. The system according to claim **2**, wherein the display means comprise a helmet and/or glasses arranged to display the image to a user.

4. The system according to claim **3**, wherein the control means comprise the helmet and/or the glasses, arranged to move the viewing means according to a movement of the helmet and/or glasses.

5. The system according to any one of claims **2** to **4**, wherein the viewing means comprise a camera arranged on the robotic arm, preferably at the end of the robotic arm which is equipped with the at least one tool.

6. The system according to any one of claims **2** to **5**, wherein the viewing means are configured to image objects in the absence of visible radiation between 400 and 800 nm.

7. The system according to any one of claims **2** to **6**, wherein the viewing means are configured to capture an image of the locations at a solid angle of at least 2π steradian, preferably at a solid angle of 4π steradian.

8. The system according to any one of the preceding claims, wherein the control means comprise means for controlling a movement of the robotic arm between the different locations, vertically and/or horizontally.

9. The system according to any one of the preceding claims, wherein the at least one growing space is a vertical growing space, comprising at least one vertical stack of plant locations, preferably several rows of vertical stacks of plant locations.

10. The system according to any one of the preceding claims, wherein the moving means comprise horizontal rails and/or vertical rails along which the robotic arm is arranged to move.

11. The system according to any one of the preceding claims, wherein the at least one growing space is an enclosed space.

12. The system according to any one of the preceding claims, wherein the at least one growing space comprises means for regulating and/or means for measuring at least one physical parameter within this growing space, such as a temperature, a humidity, a CO_2 rate, a spectrometric measurement, a luminosity, and/or an ethylene rate.

13. The system according to claim **12** considered as dependent of any one of the claims **2** to **7**, wherein the display means are configured to display the at least one measured physical parameter.

14. The system according to any one of the preceding claims, wherein each growing space includes a drawer configured to switch between:

- an internal position for which a container of the drawer is accessible from inside this growing space but inaccessible from outside this growing space, and
- an external position for which the container of the drawer is accessible from outside this growing space but inaccessible from inside this growing space,

the robotic arm of this growing space being configured to pick plants and/or products in this growing space and deposit them in the container of the drawer in its internal position, the drawer further comprising sterilization means configured to sterilize the container of the drawer, preferably by ultraviolet radiation, when the drawer passes from its external position to its internal position.

15. The system according to any one of the preceding claims, wherein it comprises several distinct growing spaces, the control station being shared for all the growing spaces.

16. The system according to any one of the preceding claims, wherein the control means are arranged to control the robotic arm according to the recommended action without the intervention of a user.

17. The system according to any one of claims **2** to **16**, wherein the display means are further configured to display the status or recommended action relating to the plant or product imaged by the viewing means.

18. The system according to any one of the preceding claims, wherein each plant is identified in the at least one growing space by a bar code.

19. A growing method, implemented in a system comprising:

- at least one growing space comprising:
  - different locations for plants,
  - a robotic arm equipped with at least one tool,
  - moving means configured to move the robotic arm between these different locations,

- electronic and/or computer communication means,
- a control station remote from the at least one growing space and comprising control means,
- means for building a database,
- means for determining a status of this plant or product and/or a recommended action for this plant or product from the data in the database,
- means for analyzing actions, on the plant or product, of a user of the control station, and
- computer and/or electronic learning means of a recommended action to be performed on a plant or product depending on its status,

said method comprising the following steps:

- a control, by the control means, of the robotic arm of the at least one growing space via the communication means, comprising:
    a) a control, by the control means, of the moving means so as to move the robotic arm of this growing space between the different locations of this growing space and/or
    b) a control, by the control means, of actions of the robotic arm of this growing space, said actions comprising a manipulation, by the robotic arm, of the plants and/or products of these plants arranged in the locations,

- building the database comprising, for each plant and/or product of a plant, a monitoring over time:
    - of images of this plant and/or product, and/or
    - of physical parameters measured on this plant or product
- a determination of a status of this plant or product and/or a recommended action for this plant or product from the data in the database,
- an analysis of actions, on the plant or product, of a user of the control station, and
- a learning of a recommended action to be performed on a plant or product depending on its status.