

Title (en)

METHOD AND APPARATUS FOR GROWING FUNGI

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ZÜCHTEN VON PILZEN

Title (fr)

PROCEDE ET DISPOSITIF SERVANT A CULTIVER DES CHAMPIGNONS

Publication

**EP 0936854 A1 19990825 (EN)**

Application

**EP 97923331 A 19970523**

Priority

NL 9700292 W 19970523

Abstract (en)

[origin: WO9852403A1] The invention relates to a method for growing edible toadstools, comprising the steps of: a) arranging a nutrient layer in a growing space, b) arranging mycelium in the nutrient layer, c) cultivating the mycelium to toadstools, and d) harvesting the toadstools, wherein the nutrient layer arranged in the growing space is substantially compost-free. The nutrient layer can be formed by arranging on a relatively thin compost layer a moisture-absorbing layer whereof the thickness amounts to at least half the thickness of the compost layer. It is even possible for the nutrient layer to be formed solely by a moisture-absorbing layer. While in this way the yield of the culture is reduced, the raw material consumption is reduced even more sharply, whereby the specific yield therefore increases. The invention also relates to an apparatus for performing this method with a frame for placing in a growing space which is provided with a number of substantially horizontal carriers for a nutrient layer placed one above another, which carriers are arranged in the frame with an interspace of less than 40 cm in vertical direction. The carriers can herein be arranged movably in the frame. In this manner the toadstools on the carriers can be harvested outside the growing space. A space-saving is hereby achieved.

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