Disclosure

Technical Problem

[0010] With in mind the above problems occurring in the prior art, the present inventors conducted research into the development of a novel shiitake mushroom strain, which results in the present invention.

[0011] It is an object of the present invention to provide a novel variant of shiitake mushrooms which are generally similar to a spherical shape, with both the stipe and the pileus integrated into a globe or sphere-like shape.

[0012] It is another object of the present invention to provide a novel variant of shiitake mushroom which not only has a scent characteristic of shiitake mushroom, but also has a sweet taste.

[0013] It is another object of the present invention to provide a novel variant of shiitake mushrooms which have a harder flesh than conventional shiitake mushrooms, and that can be stored for a period of two or more times longer and outgrow by two or more times the conventional shiitake mushrooms, without the opening of the pileus.

[0014] It is a further object of the present invention to provide a novel variant of shiitake mushrooms which exhibit a white blooming appearance on the surface of the fruit body and thus is superior to conventional shitake mushroom in terms of commercial value.

[0015] It is a still further object of the present invention to provide a novel variant of shiitake mushrooms which are resistant to weather, particularly to high and low temperatures, and thus can be produced throughout the year.

[0016] The above and other objects, features and other advantages of the present invention will be more clearly understood from the following detailed description.

Summary

[0016a] In a first aspect, there is provided a novel shiitake strain *Lentinula edodes* (Berk.) Pegler GNA01 (accession No: KCCM11135P).

[0016b] In a second aspect, there is provided a fruit body of shiitake mushrooms produced from the strain as defined above.

Technical Solution

[0017] The above objects could be accomplished by a provision of a novel shiitake mushroom strain *Lentinula edodes* (Berk.) Pegler GNA01. This strain was deposited with the Korean Culture Center of Microorganisms on November 23, 2010 (accession No.: KCCM11135P).