

FLAME PROLONGING INCENSE

Field of the Invention

The present invention relates to an incense, and more particularly to a flame prolonging incense that may prolong its burning time.

Description of the Prior Art

Conventional incenses are made of various materials so as to prolong burning time; however, easy extinguishments always occur. To overcome such problems, improved incense has been developed by adding chemical oxidizer therein but they will not be burned completely.

The present invention has arisen to mitigate and/or obviate the afore-described disadvantages.

SUMMARY OF THE INVENTION

The primary objective of the present invention is to provide a flame prolonging incense that may prolong its burning time.

To achieve the above objective, the flame prolonging incense provided in accordance with a first embodiment of the present invention comprises a body including a recess radially formed around the outer periphery thereof so that as the body burns downward, the burning center in its cross section changes with the change of the angle relative to the recess so as to move away from the recess, thus causing a slight burning delay and interruption, such that the burning center doesn't

directly move downward in a vertical path but in a spiral path, thereby changing the burning temperature of the outer periphery of the body to prolong the burning time of the incense.

Also, the flame prolonging incense provided in accordance with a second embodiment of the present invention comprises a body including an annular recess radially formed around the outer periphery thereof so that as the body burns downward, the burning boss passes the recess and then generates a burning delay and interruption to prolong burning time.

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a perspective view illustrating the assembly of a flame prolonging incense according to a first embodiment of the present invention;

FIG. 2 is an amplified perspective view illustrating the part of the flame prolonging incense according to the first embodiment of the present invention;

Fig. 3 is a perspective view illustrating the operation of the flame prolonging incense according to the first embodiment of the present invention;

Fig. 4 is a perspective illustrating the flame prolonging incense of the present invention being integrally formed by using male and female dies;

Fig. 5 is a front plan view illustrating the shape of the outer periphery of the recess of the present invention;

Fig. 6 is a front plan view illustrating a further shape of the outer periphery of the recess of the present invention;

Fig. 7 is a front plan view illustrating another shape of the outer periphery of the recess of the present invention;

Fig. 8 is a front plan view illustrating a shape of the cross section of the recess of the present invention;

Fig. 9 is a perspective view illustrating the recess being formed in a double spiral manner,

Fig. 10 is a top plan view illustrating a flame prolonging incense of the present invention being embodied in a coil incense;

Fig. 11 is a top plan view illustrating a flame prolonging incense of the present invention being embodied in an incense tower;

Fig. 12 is a front plan view illustrating the assembly of a flame prolonging incense according to a second embodiment of the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

The present invention will be clearer from the following description when viewed together with the accompanying drawings, which show, for purpose of illustrations only, the preferred embodiment in accordance with the present invention.

Referring to Figs. 1-3, a flame prolonging incense 10 according to a first embodiment of the present invention comprises a stick 11, a body 12, which is made of incense making material, disposed on the stick 11, wherein the body 12 includes a spiral recess 13 radially formed around the outer periphery thereof so that as the body 12 burns downward, the burning center in its cross section changes with the change of the angle relative to the recess 13 so as to move away from the recess 13, thus causing a slight burning delay and interruption, such that the burning center doesn't directly move downward in a vertical path but in a spiral path, thereby changing the burning temperature of the outer periphery of the body 12 to prolong the burning time of the incense 10.

As shown in Fig. 4, the spiral recess 13 is integrally formed around the outer periphery of the body 12 by using male and female dies 21, 22, wherein the male and female dies 21, 22 includes teeth 24 for corresponding to the recess 13 arranged around a plurality of cavities 23. By combining the male and female dies 21, 22 together, the incense 10 with the spiral recess 13 is integrally formed. Besides, the spiral recess 13 may also be formed around the outer periphery of the body 12 of the incense 10 by cutting process (such as lathe cutting, saw cutting, or laser cutting).

Referring to Figs. 5-7, the incense 10 comprises the spiral

recess 13 with variable appearances so as to increase its aesthetic appearance. For example, the recess 13 of the body 12 is formed in a successively arcuate serrated shape as illustrated in Fig. 5. Also, the recess 13 on the outer periphery of the body 12 is formed in a successively single-way triangle serrated shape as illustrated in Fig. 6. Furthermore, the recess 13 on the outer periphery of the body 12 is formed in a successively two-way triangle serrated shape, as shown in Fig. 7.

The cross section of the recess 13 may be formed in any configuration, such as a square, a circle, and the like, wherein the cross section of the recess 13 is formed in a triangle as shown in Fig. 1, and referring to Fig. 8, the cross section of the recess 13 is formed in a trapezium.

With reference to Fig. 9, two recesses 13 are formed in a double spiral manner, wherein the recesses 13 are formed in opposite direction, thus they will intersect with each other. Of course, the two recesses 13 may be also formed in the same direction.

Referring further to Fig. 10, the incense 10 is embodied in a coil incense, and the incense 10 is also embodied in an incense cone as shown in Fig. 11. Moreover, the incense 10 may be embodied in a dragon incense, worshipping incense, horizontal incense, mosquito coil incense, coil incense, incense tower, and moxibustion stick.

As shown in Fig. 12, a flame prolonging incense 10 according to a second embodiment of the present invention comprises a body 12 including an annular recess 130 radially formed around the outer periphery thereof so that as the body 12 burns downward, the burning boss passes the recess 130 and then generates a burning delay and interruption, hence the outer periphery of the body 12 doesn't directly burn downward in a linear path but change its burning path along the recess 130, thus changing the burning temperature of the burning center to prolong burning time by controlling the distance and depth of the recess 130. Besides, since the recess 130 is arranged in radial direction, thus guiding the burning and preventing from extinguishment.

It is to be noted that the specific fluid made of cedar bark is coated onto the body 12 to form an insulation film so as to decrease the burning speed of the body 12, prolonging the burning time of the incense 10.

While we have shown and described various embodiments in accordance with the present invention, it is clear to those skilled in the art that further embodiments may be made without departing from the scope of the present invention.

WHAT IS CLAIMED IS:

1. A flame prolonging incense comprising

a body including a recess radially formed around the outer periphery thereof so that as said body burns downward, the burning center in its cross section changes with the change of the angle relative to said recess so as to move away from said recess, thus causing a slight burning delay and interruption, such that the burning center doesn't directly move downward in a vertical path but in a spiral path, thereby changing the burning temperature of the outer periphery of said body to prolong the burning time of the incense.

2. The flame prolonging incense as claimed in claim 1, wherein said body is made of incense making material without adding any chemical oxidizer and is not easy to be extinguished by means of the burning guide of said spiral recess.

3. The flame prolonging incense as claimed in claim 1, wherein said recess is formed in a double spiral manner.

4. The flame prolonging incense as claimed in claim 2, wherein said recess is formed in a double spiral manner.

5. A flame prolonging incense comprising

a body including an annular recess radially formed around the outer periphery thereof so that as said body burns downward, the burning boss passes said recess and then generates a burning delay and

interruption to prolong its burning time.

6. The flame prolonging incense as claimed in claim 5, wherein said body is made of incense making material without adding any chemical oxidizer and is not easy to be extinguished by means of the burning guide of said spiral recess.

7. The flame prolonging incense as claimed in claim 2, wherein the specific fluid made of cedar bark is coated onto said body to form an insulation film so as to decrease the burning speed of said body.

8. The flame prolonging incense as claimed in claim 6, wherein the specific fluid made of cedar bark is coated onto said body to form an insulation film so as to decrease the burning speed of said body.

9. The flame prolonging incense as claimed in claim 2, wherein said recess is integrally formed by using male and female dies, and said male and female dies includes teeth for corresponding to said recess arranged around a plurality of cavities.

10. The flame prolonging incense as claimed in claim 6, wherein said recess is integrally formed by using male and female dies, and said male and female dies includes teeth for corresponding to said recess arranged around a plurality of cavities.

11. The flame prolonging incense as claimed in claim 2, wherein the surface of said recess is formed in a geometric shape.

12. The flame prolonging incense as claimed in claim 6,

wherein the surface of said recess is formed in a geometric shape.

13. The flame prolonging incense as claimed in claim 2, wherein the cross section of said recess is formed in a geometric shape.

14. The flame prolonging incense as claimed in claim 6, wherein the cross section of said recess is formed in a geometric shape.

15. The flame prolonging incense as claimed in claim 2, wherein said flame prolonging incense is an incense stick.

16. The flame prolonging incense as claimed in claim 6, wherein said flame prolonging incense is an incense stick.

17. The flame prolonging incense as claimed in claim 2, wherein said flame prolonging incense is a dragon incense.

18. The flame prolonging incense as claimed in claim 6, wherein said flame prolonging incense is a dragon incense.

19. The flame prolonging incense as claimed in claim 2, wherein said flame prolonging incense is a worshipping incense.

20. The flame prolonging incense as claimed in claim 6, wherein said flame prolonging incense is a worshipping incense.

21. The flame prolonging incense as claimed in claim 2, wherein said flame prolonging incense is a horizontal incense.

22. The flame prolonging incense as claimed in claim 6, wherein said flame prolonging incense is a horizontal incense.

23. The flame prolonging incense as claimed in claim 2,

wherein said flame prolonging incense is a coil incense.

24. The flame prolonging incense as claimed in claim 6,
wherein said flame prolonging incense is a coil incense.

25. The flame prolonging incense as claimed in claim 2,
wherein said flame prolonging incense is an incense tower.

26. The flame prolonging incense as claimed in claim 6,
wherein said flame prolonging incense is an incense tower.

27. The flame prolonging incense as claimed in claim 2,
wherein said flame prolonging incense is a mosquito coil incense.

28. The flame prolonging incense as claimed in claim 6,
wherein said flame prolonging incense is a mosquito coil incense.