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(54) **Fragrance or perfume composition**

Riechstoffzusammensetzung

Composition parfumante

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(56) References cited:
DE-A1- 4 125 561 GB-A- 2 366 725

- **PATENT ABSTRACTS OF JAPAN vol. 1996, no.
04, 30 April 1996 (1996-04-30) & JP 07 316582 A
(SHISEIDO CO LTD), 5 December 1995
(1995-12-05)**

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Description

[0001] This invention relates to a fragrance or perfume composition, in particular a fragrance or perfume that provides a long lasting fragrant aroma, and that preferably is free of added alcohol and includes no synthetic ingredients.

[0002] GB-A-2 366 725 discloses a combination of an aromatherapy oil and a stone such as quartz crystal, within a container. DE-A-41 25 561 discloses fragrance compositions for aromatherapy comprising at least cedarwood oil, benzoin oil, hyssop oil, and myrrh oil, and which may also contain cold-pressed wheatgerm oil, cold-pressed grapeseed oil, ginger oil, cypress oil and/or orange oil. JP-A-07316582 discloses a perfume composition for inducing sleep, comprising an oris-based perfume, a sandalwood perfume, and a rose-based perfume.

[0003] Conventional fragrance compositions generally contain alcohol or other organic solvent materials that have been added to the formulation as solvents for one or more of the aromatic components. However, these solvents may cause stinging or other undesirable reaction when the composition is applied to the skin or clothing. It would therefore be desirable to provide a fragrance that contains reduced amounts of, and preferably no, added alcohol or other such solvents.

[0004] It would also be desirable to provide a fragrance composition that can provide a longer lasting fragrant aroma following application to the skin or clothing, in order to prolong the aromatic effect and thus reduce the need for repeated application over a longer time period.

[0005] We have found that it is possible to achieve these objects by a fragrance or perfume composition in accordance with the invention.

[0006] Accordingly, the present invention provides a fragrance or perfume composition comprising:

- (i) grapeseed oil;
- (ii) orris root;
- (iii) quartz crystal; and
- (iv) one or more aromatic oils.

[0007] The combination of components (i) to (iii) has been found to provide a suitable base for dissolving or solubilising the aromatic component (iv), and to afford the fragrance composition with a longer lasting fragrance aroma than would be expected from the use of component (iv) alone or in a conventional alcohol-based fragrance composition. For example, whereas a conventional fragrance may typically last 2-3 hours following application, the fragrance according to the invention may last 6-10 hours or even longer.

[0008] Furthermore, the combination of components (i) to (iii) allows the amount of added alcohol or other solvent to be reduced or eliminated altogether. Therefore, in a preferred embodiment, the fragrance or perfume composition is free of added alcohol.

[0009] The grapeseed oil, orris root and quartz crystal ingredients (components (i) to (iii)) are readily available from commercial sources, or can be obtained using conventional techniques known in the art. The orris root and quartz crystal ingredients are finely powdered. Preferred as quartz crystal is rose quartz crystal. Orris root also has aromatic properties that contribute to the overall fragrance aroma.

[0010] Suitable aromatic oils that may be included in or as component (iv) of the composition are any one or more aromatic oils or other aromatic substances that are not already present in components (i) to (iii), for example, rose oil, patchouli oil, vanilla oil, orange blossom oil, lavender oil, jasmine oil, champaka absolute and lotus absolute. Preferred aromatic oils are rose oil, patchouli oil, vanilla oil and orange blossom oil. The selection and relative amounts of the aromatic oils can of course be varied so as to provide a range of different fragrances. Preferably all the aromatic oils of component (iv), as well as the ingredients forming components (i) to (iii) are 'natural' ingredients that have not been manufactured or chemically synthesised.

[0011] In order to provide a longer-lasting fragrance or perfume composition according to the invention, we prefer that the ratio (v/v : w/v : w/v) of components (i) : (ii) : (iii) is 1 to 3 : 1 to 3 : 1, based on weights in grams (g) and volumes in millilitres (ml). More preferably the weight ratio (w/v : w/v) of components (ii) : (iii) is 2 : 1. Most preferably, the ratio (v/v : w/v : w/v) of components (i) : (ii) : (iii) is 2 : 2 : 1.

[0012] We further prefer that component (i) is present in an amount of 10 to 40%, more preferably 10 to 20%, by volume; component (ii) is present in an amount of 10 to 40%, more preferably 10 to 20%, by weight; component (iii) is present in an amount of 5 to 20%, more preferably 10 to 20%, by weight; based on the total volume of components (i)-(iv), and that the total amount of components (i)-(iii) is 25-80%, more preferably 25-40%, by volume of the composition.

[0013] In a preferred embodiment, the fragrance or perfume composition comprises:

- grapeseed oil in an amount of 10% by volume;
- orris root in an amount of 10% by weight;
- quartz crystal in an amount of 5% by weight;
- rose oil in an amount of 50% by volume;
- patchouli oil in an amount of 20% by volume;
- vanilla oil in an amount of 10% by volume;
- orange blossom oil in an amount of 5% by volume;

based on the total volume of components (i)-(iv), wherein the total amount of components (i)-(iv) is 80-100% by volume of the composition.

[0014] The composition may optionally comprise other conventional fragrance ingredients, in an amount of 0-20% by volume of the composition, for example alcohol or other conventional solvents. Preferably, however, the total amount of components (i)-(iv) is 100% by volume

of the composition, and the composition therefore contains no added alcohol.

[0015] The ingredients can be blended and formulated using conventional techniques known in the art, and filled into suitable containers or dispensers for use, as appropriate.

EXAMPLE:

[0016] The following ingredients were blended together using conventional formulation methodology to produce a perfume composition:

10 ml	grapessed oil
10 g	powdered orris root
5 g	finely pulverised rose quartz crystal
50 ml	rose oil
20 ml	patchouli oil
10 ml	vanilla oil
5 ml	orange blossom oil.

[0017] The perfume composition was found to provide a long lasting fragrance aroma, lasting about 8 hours following application to the skin.

Claims

1. A fragrance or perfume composition comprising:

- (i) grapeseed oil;
- (ii) orris root;
- (iii) quartz crystal; and
- (iv) one or more aromatic oils.

2. A fragrance or perfume composition according to claim 1 wherein the ratio (v/v : w/v : w/v) of components (i) : (ii) : (iii) is 1 to 3 : 1 to 3 : 1.

3. A fragrance or perfume composition according to claim 2 wherein the ratio (w/v : w/v) of components (ii) : (iii) is 2 : 1

4. A fragrance or perfume composition according to claim 3 wherein the ratio (v/v : w/v : w/v) of components (i) : (ii) : (iii) is 2 : 2 : 1

5. A fragrance or perfume composition according to any preceding claim wherein:

component (i) is present in an amount of 10 to 40% by volume;
 component (ii) is present in an amount of 10 to 40% by weight;
 component (iii) is present in an amount of 5 to 20% by weight;

based on the total volume of components (i)-(iv), and wherein the total amount of components (i)-(iii) is 25-80% by volume of the composition.

6. A fragrance or perfume composition according to claim 1 wherein component (iv) is one or more aromatic oils selected from rose oil, patchouli oil, vanilla oil, orange blossom oil, lavender oil, jasmine oil, champaka absolute and lotus absolute.

7. A fragrance or perfume composition according to claim 6 wherein component (iv) is rose oil, patchouli oil, vanilla oil and orange blossom oil.

8. A fragrance or perfume composition according to claim 7 comprising:

grapeseed oil in an amount of 10% by volume;
 orris root in an amount of 10% by weight;
 quartz crystal in an amount of 5% by weight;
 rose oil in an amount of 50% by volume;
 patchouli oil in an amount of 20% by volume;
 vanilla oil in an amount of 10% by volume;
 orange blossom oil in an amount of 5% by volume;

based on the total volume of components (i)-(iv), wherein the total amount of components (i)-(iv) is 80-100% by volume of the composition.

9. A fragrance or perfume composition according to any preceding claim, wherein the total amount of components (i)-(iv) is 100% by volume of the composition.

10. A fragrance or perfume composition according to any preceding claim wherein the composition is free of added alcohol.

Patentansprüche

1. Duft- oder Riechstoffzusammensetzung, umfassend

- (i) Traubenkernöl,
- (ii) Iriswurzel,
- (iii) Quarzkristall und
- (iv) ein oder mehrere aromatische Öle.

2. Duft- oder Riechstoffzusammensetzung nach Patentanspruch 1, wobei das Verhältnis (Vol.No1 : Gew./Vol. : Gew./Vol.) der Komponenten (i) : (ii) : (iii) 1 bis 3 : 1 bis 3 : 1 ist.

3. Duft- oder Riechstoffzusammensetzung nach Patentanspruch 2, wobei das Verhältnis (Gew.Nol. : Gew./Vol.) der Komponenten (ii) : (iii) 2:1 1 ist.

4. Duft- oder Riechstoffzusammensetzung nach Patentanspruch 3, wobei das Verhältnis (Vol.No1 : Gew./Vol. : Gew./Vol.) der Komponenten (i) : (ii) : (iii) 2:2:1 ist.

5. Duft- oder Riechstoffzusammensetzung nach einem der vorhergehenden Patentansprüche, wobei

Komponente (i) in einer Menge von 10 bis 40 Vol.-% vorliegt,
Komponente (ii) in einer Menge von 10 bis 40 Gew.-% vorliegt,
Komponente (iii) in einer Menge von 5 bis 20 Gew.-% vorliegt,

bezogen auf das Gesamtvolumen der Komponenten (i) - (iv), und wobei die Gesamtmenge der Komponenten (i) - (iii) 25-80 Vol.-% der Zusammensetzung beträgt.

6. Duft- oder Riechstoffzusammensetzung nach Patentanspruch 1, wobei Komponente (iv) aus einem oder mehreren aromatischen Ölen besteht, ausgewählt aus Rosenöl, Patchouli-Öl, Vanilleöl, Orangenblütenöl, Lavendelöl, Jasminöl, Champaka Absolve und Lotus Absolve.

7. Duft- oder Riechstoffzusammensetzung nach Patentanspruch 6, wobei Komponente (iv) Rosenöl, Patchouli-Öl, Vanilleöl und Orangenblütenöl ist.

8. Duft- oder Riechstoffzusammensetzung nach Patentanspruch 7, umfassend:

Traubenkernöl in einer Menge von 10 Vol.%,
Iriswurzel in einer Menge von 10 Gew.%,
Quarzkristall in einer Menge von 5 Gew.%,
Rosenöl in einer Menge von 50 Vol.%,
Patchouli-Öl in einer Menge von 20 Vol.-%,
Vanilleöl in einer Menge von 10 Vol.%,
Orangenblütenöl in einer Menge von 5 Vol.%,

bezogen auf das Gesamtvolumen der Komponenten (i) - (iv), wobei die Gesamtmenge der Komponenten (i) - (iv) 80-100 Vol.-% der Zusammensetzung beträgt.

9. Duft- oder Riechstoffzusammensetzung nach einem der vorhergehenden Ansprüche, wobei die Gesamtmenge der Komponenten (i) - (iv) 100 Vol.-% der Zusammensetzung beträgt.

10. Duft- oder Riechstoffzusammensetzung nach einem der vorhergehenden Ansprüche, wobei die Zusammensetzung frei von zugesetztem Alkohol ist.

Revendications

1. Composition de fragrance ou de parfum qui comprend:

(i) de l'huile de pépins de raisins;
(ii) de l'essence d'iris;
(III) un cristal de quartz; et
(iv) une ou plusieurs huiles aromatiques.

2. Composition de fragrance ou de parfum selon la revendication 1, dans laquelle le rapport (v/v:p/v:p/v) des composants (i):(ii):(iii) est de 1 à 3:1 à 3:1.

3. Composition de fragrance ou de parfum selon la revendication 2, dans laquelle le rapport (p/v:p/v) des composants (ii):(iii) est de 2:1.

4. Composition de fragrance ou de parfum selon la revendication 3, dans laquelle le rapport (v/v:p/v:p/v) des composants (i):(ii):(iii) est de 2:2:1.

5. Composition de fragrance ou de parfum selon l'une quelconque des revendications précédentes, dans laquelle:

le composant (i) est présent en une quantité comprise entre 10 et 40 % en volume;
le composant (ii) est présent en une quantité comprise entre 10 et 40 % en volume;
le composant (iii) est présent en une quantité comprise entre 5 et 20 % en volume;

sur la base du volume total des composants (i)-(iv), et dans laquelle la quantité totale des composants (i)-(iii) représente 25-80 % en volume de la composition.

6. Composition de fragrance ou de parfum selon la revendication 1, dans laquelle le composant (iv) est une ou plusieurs huiles aromatiques sélectionnées parmi l'huile de rose, l'huile de patchouli, l'huile de vanille, l'huile de fleurs d'oranger, l'huile de lavande, l'huile de jasmin, l'essence absolue de fleurs de champaka et l'essence absolue de fleurs de lotus.

7. Composition de fragrance ou de parfum selon la revendication 6, dans laquelle le composant (iv) est l'huile de rose, l'huile de patchouli, l'huile de vanille et l'huile de fleurs d'oranger.

8. Composition de fragrance ou de parfum selon la revendication 7, qui comprend:

de l'huile de pépins de raisins en une quantité de 10 % en volume;
de l'essence d'iris en une quantité de 10 % en volume;

un cristal de quartz en une quantité de 5 % en volume;
de l'huile de rose en une quantité de 50 % en volume;
de l'huile de patchouli en une quantité de 20 % en volume; 5
de l'huile de vanille en une quantité de 10 % en volume;
de l'huile de fleurs d'oranger en une quantité de 5 % en volume; 10

sur la base du volume total des composants (i)-(iv), et dans laquelle la quantité totale des composants (i)-(iv) représente 80-100 % en volume de la composition. 15

9. Composition de fragrance ou de parfum selon l'une quelconque des revendications précédentes, dans laquelle la quantité totale des composants (i)-(iv) représente 100 % en volume de la composition. 20

10. Composition de fragrance ou de parfum selon l'une quelconque des revendications précédentes, dans laquelle la composition est exempte d'alcool ajouté. 25

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REFERENCES CITED IN THE DESCRIPTION

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Patent documents cited in the description

- GB 2366725 A [0002]
- DE 4125561 A [0002]
- JP 07316582 A [0002]