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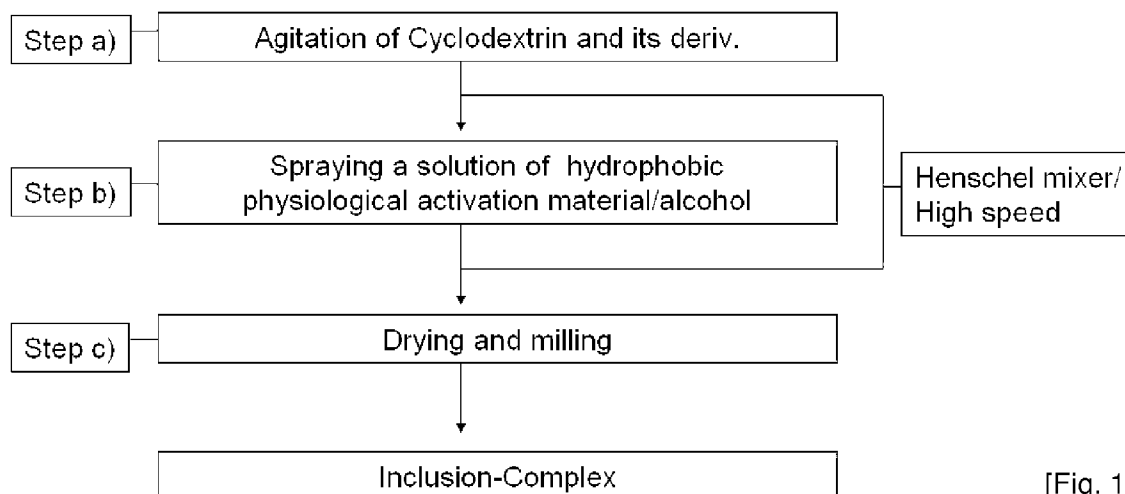
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(54) Title: METHOD OF PREPARATION AN INCLUSION-COMPLEX COMPRISING HYDROPHOBIC PHYSIOLOGICAL ACTIVATION MATERIAL INCLUDING WITH CYCLODEXTRIN AND ITS USE



[Fig. 1]

(57) Abstract: Disclosed herein are a method for preparation of an inclusion-complex including a physiologically active hydrophobic substance in cyclodextrin and a derivative thereof, and use of the inclusion-complex prepared by the same. More particularly, the present invention provides a method for preparing an inclusion-complex, which includes agitating cyclodextrin and a derivative thereof in an agitator at high speed, spraying a physiologically active hydrophobic substance dissolved in alcohol onto the agitator, and drying and crushing the mixture obtained from the preceding step and, in addition, use of the prepared inclusion-complex. The present inventive method has merits of reduced inclusion time and increased inclusion rate. The prepared inclusion-complex has excellent cell and collagen proliferation effects compared to physiologically active hydrophobic substances which were not inclusion processed, thereby being used in production of a cosmetic composition with improved anti-wrinkle and anti-ageing effects.

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— *with amended claims and statement*

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consisting of genistein, genistin, daidzein, daidzin, glycitein, glycitin, and isoflavones and flavonoids containing at least one of these substances.

【Claim 6】

The method according to claim 1, wherein the alcohol solvent in the step (b) is preferably at least one selected from a group consisting of methanol, ethanol, propanol, butanol and mixtures thereof.

【Claim 7】

The method according to claim 1, wherein the physiologically active hydrophobic substance in the step (b) is dissolved in an amount of 1 to 10wt.% in alcohol.

【Claim 8】

The method according to claim 1, wherein the physiologically active hydrophobic substance in the step (b) is sprayed in a ratio by weight of 1/100 to 1/1 relative to content of cyclodextrin and a derivative thereof.

【Claim 9】

The method according to claim 1, wherein the drying step (c) is performed by hot air drying, vacuum drying, freeze drying or fluidized bed drying.

【Claim 10】

(Cancelled)

【Claim 11】

(Cancelled)

【Claim 12】

(Cancelled)

【Claim 13】

(Cancelled)

STATEMENT

The Applicant, who received the International Search Report relating to the above-identified International Application, transmitted on February 16, 2009, hereby files amendment under Article 19 as in the attached sheet.

Therefore, Applicant hereby cancels Claims 10 to 13; and retains claims 1 to 9 as originally filed at the international filing date. Please substitute the enclosed new set of claims for all the claims as originally filed.