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## Patent Search

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### Abstract:

Life and energy have come from the sun from the beginning of human history. However, current research acknowledges that sun radiation such as UVA, UVB, and UV primary cause of harmful consequences, including both acute (such as sunburn and drug-induced phototoxicity) and chronic (such as sunburn, fracture, melanoma, pigmentation, cancer, and immunological suppression) concerns associated with repeated sun exposure. A comparative study was conducted by using the herbal oils formulations which has sun block effect. Each herbal oil has been formulated, evaluated, and compared to predict its SPF effect. In our study, all three formulations y outcomes, with SPF values above 15. Among these formulations, Formulation 3 comprising Coconut Oil, Grape Seed Oil, Orange Oil, Rosehip Seed Oil, Raspberry Seed Oil, Almond Oil, Tea Tree Oil, Shea Butter, Beeswax, Rose Water and Gelatin - stood out as it demonstrated superior results. The significance of these findings lies in the effectiveness of Formulation 3, which displayed the highest SPF value of 25 among all tested formulations. This indicates that Formulation 3 provides better protection harmful UV rays compared to the other formulations.

**Complete Specification**

Description:FORM 2

THE PATENTS ACT, 1970

(39 of 1970)

&amp;

THE PATENTS RULES, 2003

COMPLETE SPECIFICATION

(See section 10 and rule 13)

1. TITLE OF THE INVENTION:

Herbal Sunscreen Formulation

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