

(54) Title of the invention : A Deet-free Poly Herbal Mosquito Repellent Composition and Method of Preparing the Same

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(57) Abstract :

ABSTRACT: Title: A Deet-free Poly Herbal Mosquito Repellent Composition and Method of Preparing the Same The present disclosure proposes a novel polyherbal mosquito repellent composition and a method of preparing the mosquito repellent composition from herbal plant extracts. the mosquito repellent composition comprises 1 to 50 weight percent of a mixture of herbal plant extracts, 10 to 20 weight percent of an oil phase stearic acid, 0.5 to 1 weight percent of Cetyl alcohol, 0.5 to 1 weight percent of Cetosteryl alcohol, 0.5 to 1 weight percent of Potassium hydroxide, 0.3 to 0.7 weight percent of Methyl paraben and a sufficient quantity of water. The mosquito-repellent composition is safe, effective, synergistic and cost-effective. The proposed mosquito repellent composition is DEET-free and non-chemical to use for repelling mosquitoes. The mosquito repellent composition can show maximum effect at low concentrations to act as an effective mosquito repellent.

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