

(54) Title of the invention : A VECTOR REPELLENT GEL FORMULATION AND METHOD OF PREPARATION THEREOF

(51) International classification :A61K0036899000, A61K0036610000, A01N0065000000, A01N0065440000, A61K0036886000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Chitkara University
 Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

2)Chitkara Innovation Incubator Foundation
Name of Applicant : NA
Address of Applicant : NA

(72)Name of Inventor :
1)KAUR, Manpreet
 Address of Applicant :Centre for Life Sciences, Molecular Biology and Bioinformatics Division, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

2)DAHIYA, Neha
 Address of Applicant :Centre for Life Sciences, Molecular Biology and Bioinformatics Division, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

3)RANI, Raj
 Address of Applicant :Centre for Life Sciences, Molecular Biology and Bioinformatics Division, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

4)SINGH, Varsha
 Address of Applicant :Centre for Life Sciences, Molecular Biology and Bioinformatics Division, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----

(57) Abstract :
 The present disclosure relates generally to the field of insect repellents. More specifically, the disclosure is directed to a gel formulation for repelling vectors comprising about 0.01% to about 5% of Cymbopogon nardus(citronella oil); about 0.01% to about 5% of Azadirachta indica (neem oil); about 0.01% to about 5% of Eucalyptus globulus Labill(eucalyptus oil); about 0.01% to about 5% of Cymbopogon citratus (lemongrass oil) and about 80% to about 99% of gel of Aloe barbadensis miller(aloe vera). The present disclosure also provides a method of preparation of the formulation. The formulation is an effective, natural and non-toxic repellent.

No. of Pages : 15 No. of Claims : 8