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(54) Title of the invention : LIQUID FORMULATION OF XYLOPIA AETHIOPICA EXTRACT FOR PAIN MANAGEMENT IN DIABETIC NEUROPATHY AND RELATED METHODS

<p>(51) International classification :A61K0009000000, A61P0003100000, A61P0029000000, A61P0025000000, A61P0025040000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>		<p>(71)Name of Applicant : 1)Chitkara University Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ----- ----- 2)Chitkara Innovation Incubator Foundation Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)Dr. Gulsheen Kaur Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ----- 2)Dr. Thakur Gurjeet Singh Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ----- 3)Jashanpreet Kaur Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura ----- 4)Anand Kumar Shah Address of Applicant :Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Rajpura -----</p>
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(57) Abstract :
ABSTRACT A liquid formulation of an acetone extract of Xylopia aethiopica (XA-LF) is developed for treating diabetic neuropathy. The formulation includes an acetone extract of dried fruits of Xylopia aethiopica and a preservative. The preparation involves extracting the dried fruits using acetone, concentrating the extract, sterilizing it, and adding a preservative. The method for treating diabetic neuropathy involves administering the XA-LF to a subject, which may improve pain threshold and reduce hyperalgesia and allodynia. Reference Fig 1

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