

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211000231 A

(19) INDIA

(22) Date of filing of Application :03/01/2022

(43) Publication Date : 04/11/2022

(54) Title of the invention : OLEIC ACID LIPOSOME-BASED TOPICAL COMPOSITION FOR HAIR CARE

(51) International classification :A61Q0007000000, A61K0009127000, A61Q0005000000, A61Q0005020000, A61K0008440000

(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 Innovation Incubator Foundation**

Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

**1)SHARMA, Arvind**

Address of Applicant :Associate Professor, Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----

**2)SINDHU, Rakesh K**

Address of Applicant :Associate Professor, Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----

**3)SAVANA, Shivani**

Address of Applicant :Pharm D Student, Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----

**4)GUHA, Anusri**

Address of Applicant :Pharm D Student, Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----

**5)SINGH, Thakur Gurjeet**

Address of Applicant :Assistant Dean, Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----

**6)ARORA, Sandeep**

Address of Applicant :Dean, Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. -----

**7)MOHAPATRA, Harapriya**

Address of Applicant :M.Pharmacy Student, Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jansla, Rajpura, Punjab - 140401, India. -----

**8)GUPTA, Sourabh**

Address of Applicant :Associate Professor, Chitkara College of Pharmacy, Chitkara University, Chandigarh-Patiala National Highway, Village Jansla, Rajpura, Punjab - 140401, India. -----

(57) Abstract :

The present invention relates to a hair care composition to promote hair growth, strengthen roots, reverse hair damage and promotes overall health of hair and scalp. Specifically, the present invention relates to a liposome-based topical hair care composition comprising oleic acid-based multilamellar vesicles (MLVs) loaded with a synergistic hair-growth promoting active ingredient mix and a method for the preparing the same.

No. of Pages : 30 No. of Claims : 10