

Published Patent Details 2022-2023

Name of Faculty	Name of Authors	Title	Publication	Date of / Grant/ Publication / Filing
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(12) PATENT APPLICATION PUBLICATION
(19) INDIA

(21) Application No.202321017749 A

(22) Date of filing of Application :16/03/2023

(43) Publication Date : 31/03/2023

(54) Title of the invention : HERBAL COSMETIC SERUM CONTAINING PHOSPHATIDYLCHOLINE COMPLEX FOR SKIN AGING

(51) International classification :A61K 086400, A61K 089789, A61Q 190000, A61Q 190800, C12N 050000 (86) International Application No.:NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)Ms. Supriya Shinde Address of Applicant :Dr. D. Y. Patil, College of Pharmacy, Akurdi, Pune-411044, Maharashtra, India ----- 2)Mr. Mukesh Mohite 3)Mr. Saurabh Ahire 4)Dr. Revan Karodi 5)Dr. Vaibhav Vaidya 6)Dr. Vaibhav Vaidya Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)Ms. Supriya Shinde Address of Applicant :Dr. D. Y. Patil, College of Pharmacy, Akurdi, Pune-411044, Maharashtra, India ----- 2)Mr. Mukesh Mohite Address of Applicant :Dr. D. Y. Patil, College of Pharmacy, Akurdi, Pune-411044, Maharashtra, India ----- 3)Mr. Saurabh Ahire Address of Applicant :Dr. D. Y. Patil, College of Pharmacy, Akurdi, Pune-411044, Maharashtra, India ----- 4)Dr. Revan Karodi Address of Applicant :Dr. D. Y. Patil, College of Pharmacy, Akurdi, Pune-411044, Maharashtra, India ----- 5)Dr. Vaibhav Vaidya Address of Applicant :Dr. D. Y. Patil, College of Pharmacy, Akurdi, Pune-411044, Maharashtra, India ----- 6)Dr. Vaibhav Vaidya Address of Applicant :Dr. D. Y. Patil, College of Pharmacy, Akurdi, Pune-411044, Maharashtra, India -----
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(57) Abstract :
The present invention relates to herbal serum comprising phosphatidylcholine complex for skin aging. Curcuma longa and Solanum tuberosum are rich in anti-oxidant polyphenols helpful in prevention of skin aging. The present invention relates to develop a new polyherbal phosphatidylcholine complex serum to increase cutaneous delivery of polyphenolic compounds for sustained anti-oxidant action. The optimized serum containing 1% cosplex is found to be stable for 2-month period under conditions of stability study. In-vitro diffusion studies showed that extract phosphatidylcholine complex serum had better drug release through cellophane membrane when compared to conventional extract serum giving prolonged and stronger topical action. Thus, the developed safe and stable polyherbal phosphatidylcholine complex serum exhibited good potential as anti-aging cosmeceutical.

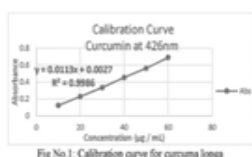


Fig No.1: Calibration curve for curcuma longa

No. of Pages : 30 No. of Claims : 3