(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2024

(21) Application No.202441063945 A
(43) Publication Date : 30/08/2024

(54) Title of the invention : A COMPOSITION FOR USE IN HOLDING THE DENTURE IN THE ORAL CAVITY

(51) International classification	:A61K0006350000, A61Q0011000000, A61K0008640000, A61K0031722000, A61K0008190000
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
A COMPOSITION FOR USE IN HOLDING THE DENTURE IN THE ORAL CAVITY A composition for use in holding the denture in the oral cavity relates to a novel composition for securing dentures in the oral cavity, comprises sericin, chitosan and carboxymethyl cellulose in varying proportions to optimise its adhesive properties. The method of preparation involves dissolving sericin in water, dissolving N-acetylated chitosan in water, combining these solutions, and treating the mixture with carboxymethyl cellulose while stirring until a gel forms. This inventive approach ensures effective denture adhesion, leveraging the unique properties of the combined biopolymers.

No. of Pages : 27 No. of Claims : 10