

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202241074685 A

(19) INDIA

(22) Date of filing of Application :22/12/2022

(43) Publication Date : 28/06/2024

(54) Title of the invention : COMPOSITION COMPRISING FIBRINOLYTIC ENZYME OF ENDOPHYTIC BACTERIUM

(51) International classification	:C12N0015750000, C12R0001125000, A61P0007020000, A01N0063300000, C12N0001200000	(71) <b>Name of Applicant :</b> <b>1)Sri Devaraj Urs Academy of Higher Education and Research</b> Address of Applicant :Sri Devaraj Urs Academy of Higher Education and Research Tamaka Kolar Karnataka India 563103 Kolar Karnataka India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)Sindhu Priya</b>
(33) Name of priority country	:NA	<b>2)Dr. Kiranmayee P.</b>
(86) International Application No	:NA	<b>3)Dr. Sharath B.</b>
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	

(57) Abstract :

ABSTRACT COMPOSITION COMPRISING FIBRINOLYTIC ENZYME OF ENDOPHYTIC BACTERIUM The present disclosure relates to a composition comprising fibrinolytic enzyme of endophytic bacterium. More particularly, a formulation comprising a microbial population in association with a ripe fruit of Basella rubra, and the microbial population comprises an endophyte capable of producing fibrinolytic enzymes, the endophyte is Bacillus subtilis comprising a rDNA nucleic acid sequence comprising a nucleic acid sequence having accession number MT664223. Moreover, the composition is a potential source of fibrinolytic enzymes to target thrombosis.

No. of Pages : 31 No. of Claims : 10