

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202341086709 A

(19) INDIA

(22) Date of filing of Application :19/12/2023

(43) Publication Date : 05/01/2024

(54) Title of the invention : A SUSTAINED RELEASE MATRIX TABLETS FOR TREATING PULMONARY ARTERY HYPERTENSION AND A PROCESS FOR FORMULATING THE SAME

(51) International classification :A61K0009200000, A61P0011000000, A61P0009120000, A61K0009000000, C07D0401060000

(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)JSS COLLEGE OF PHARMACY, OOTY - JSS ACADEMY OF HIGHER EDUCATION & RESEARCH**

Address of Applicant :JSS Academy of Higher Education & Research, JSS Medical College Campus, Sri Shivarathreeswara Nagara, Mysuru - 570 015. -----

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

**1)DHANDAPANI NAGASAMY VENKATESH**

Address of Applicant :JSS COLLEGE OF PHARMACY, OOTY - JSS ACADEMY OF HIGHER EDUCATION & RESEARCH, Post Box. No. 20, Rocklands, Ootacamund, The Nilgiris, Tamilnadu-643001 Ooty -----

**2)VINAY D**

Address of Applicant :JSS COLLEGE OF PHARMACY, OOTY - JSS ACADEMY OF HIGHER EDUCATION & RESEARCH, Post Box. No. 20, Rocklands, Ootacamund, The Nilgiris, Tamilnadu-643001 Ooty -----

**3)RAMACHANDRAN VADIVELAN**

Address of Applicant :JSS COLLEGE OF PHARMACY, OOTY - JSS ACADEMY OF HIGHER EDUCATION & RESEARCH, Post Box. No. 20, Rocklands, Ootacamund, The Nilgiris, Tamilnadu-643001 Ooty -----

(57) Abstract :

A sustained release matrix tablets for treating pulmonary artery hypertension, discloses the development of sustained release matrix tablets of Bosentan for treating the Pulmonary Artery Hypertension (PAH) using hydrophilic polymer as release retardant, more particularly the active ingredient is slowly released in 24 hours.

No. of Pages : 20 No. of Claims : 5