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(54) Title of the invention : A COMPOSITION OF PAPAIN ENZYME FOR NUTRACEUTICAL/ THERAPEUTIC PURPOSE & A PROCESS FOR FORMULATING THE SAME

<p>(51) International classification :A61K0009500000, A61K0009510000, A61K0009160000, A61K0009107000, A61K0009280000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru Address of Applicant :Rocklands, Post Box No.20 Udhagamandalam Tamil Nadu 643 001, India ----- Name of Applicant : NA Address of Applicant : NA (72)Name of Inventor : 1)Chandan C Address of Applicant :JSS College of Pharmacy, Ooty-JSS Academy of Higher Education & Research, Mysuru, Rocklands. Post Box No.20, Udhagamandalam, Tamil Nadu 643 001, India -- ----- 2)Jeyaprakash Mari Raju Address of Applicant :JSS College of Pharmacy, Ooty-JSS Academy of Higher Education & Research, Mysuru, Rocklands. Post Box No.20, Udhagamandalam, Tamil Nadu 643 001, India -- ----- 3)Jawahar Natarajan Address of Applicant :JSS College of Pharmacy, Ooty-JSS Academy of Higher Education & Research, Mysuru, Rocklands. Post Box No.20, Udhagamandalam, Tamil Nadu 643 001, India -- ----- 4)Phani Kumar Garlapati Address of Applicant :Defence Research & Development Organisation, DFRL, Ministry of Defence, Government of India, Mysuru, Karnataka, India 570 011 ----- 5)Sushma B V Address of Applicant :Faculty of Life Sciences, JSS Academy of Higher Education & Research Shivarathreeswara Nagara, Bannimantap, Mysuru, Karnataka 570 015, India ----- ---</p>
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(57) Abstract :

Submicron particulate Formulation of Papain using pH-sensitive polymers is revealed by using Nanostructured Lipid Carriers (NLC) nanoparticles with enteric coating which allow pH-dependent site-specific release of the combined nutraceutical from the tablet formulation of NLC preparation by Solvent evaporation technique and Enteric coating by Double-emulsion evaporation technique and in that way which helps to increase patient obedience and make the dosage for cost effective

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