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(71)Name of Applicant :

1)Tr. Perala Sudheer Paul

Address of Applicant :Research Scholar, Department of Environmental Sciences, AU College of Science & Technology, Andhra University, Visakhapatnam, Andhra Pradesh, India, Pincode:530003 -----

2)Dr. Pallavi N**3)Dr. Roohi****4)Dr. M. Parthasarathy****5)Dr. Ikechukwu Peter EJIDIKE****6)Mr. Kotta Apparao****7)Dr. Ashish Verma**

Name of Applicant : NA

Address of Applicant : NA

(72)Name of Inventor :

1)Tr. Perala Sudheer Paul

Address of Applicant :Research Scholar, Department of Environmental Sciences, AU College of Science & Technology, Andhra University, Visakhapatnam, Andhra Pradesh, India, Pincode:530003 -----

2)Dr. Pallavi N

Address of Applicant :Assistant Professor, Department of Environmental Sciences, JSS Academy of Higher Education & Research, Mysuru, Karnataka, India, Pincode:570015 -----

3)Dr. Roohi

Address of Applicant :Associate Professor, Department of Bio Engineering, Integral University, Lucknow, Uttar Pradesh, India, Pincode: 226026 -----

4)Dr. M. Parthasarathy

Address of Applicant :Associate Professor and Head, Department of Physics, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Pallavaram, Chennai, Tamil Nadu, India, Pincode: 600117 ---

5)Dr. Ikechukwu Peter EJIDIKE

Address of Applicant :Senior Lecturer, Department of Chemical Sciences, Faculty of Natural, Applied and Health Sciences, Anchor University, Lagos, Nigeria, Pincode: 100278 -----

6)Mr. Kotta Apparao

Address of Applicant :Chemical Engineer, Jadavapur university, Kolkata, West Bengal, India -----

7)Dr. Ashish Verma

Address of Applicant :Professor, Department of Physics, Dr. Harisingh Gour Viswavidyalaya, Sagar, Madhya Pradesh, India, Pincode: 470003 --

(57) Abstract :

A biodegradable packaging material comprising an expanded high amylose starch product having a minimum amylose content of at least 45% by weight, said expanded product has a low density, closed cell structure with excellent resilience and compressibility. Extruding a starch that has an amylose content of at least 45% by weight in the presence of a total moisture content that is 21% or less by weight while the temperature is between 150 and 250 degrees Celsius is one method that can be used to prepare a low density, biodegradable packaging material. This method is provided by another embodiment of the invention.

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