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सत्यमेव जयते

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भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

पेटेंट प्रमाणपत्र
PATENT CERTIFICATE

(Rule 74 Of The Patents Rules)

पेटेंट सं. / Patent No.	:	351908
आवेदन सं. / Application No.	:	202021016991
फाइल करने की तारीख / Date of Filing	:	20/04/2020
पेटेंटी / Patentee	:	JAYANT RAJARAM PAWAR

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित "A PACKAGING COMPOSITE AND THE PROCESS FOR PREPARING SUCH COMPOSITE" नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 20th day of April 2020 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled "A PACKAGING COMPOSITE AND THE PROCESS FOR PREPARING SUCH COMPOSITE" as disclosed in the above mentioned application for the term of 20 years from the 20th day of April 2020 in accordance with the provisions of the Patents Act,1970.

एकस्य कार्यालय THE PATENT OFFICE GOVT.OF INDIA भारत सरकार

अनुदान की तारीख :
Date of Grant : 23/11/2020

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, **20th day of April 2022** को और उसके पश्चात प्रत्येक वर्ष मे उसी दिन देय होगी।

Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 20th day of April 2022 and on the same day in every year thereafter.

Patent Search

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Inventor

Name	Address	Country	Nati
JAYANT RAJARAM PAWAR	Krishna Institute of Medical Sciences, Near Dhebewadi Road, Malkapur, Karad, Pin code- 415110, Maharashtra, India	India	India
ROHIT GHUGARE	Rajiv Gandhi Institute of IT & Biotechnology, Bharati Vidyapeeth University, Katraj , Pune- 411046, Maharashtra, India.	India	India
E.A. SINGH	Rajiv Gandhi Institute of IT & Biotechnology, Bharati Vidyapeeth University, Katraj , Pune- 411046, Maharashtra, India.	India	India

Applicant

Name	Address	Country	Nati
JAYANT RAJARAM PAWAR	Krishna Institute of Medical Sciences, Near Dhebewadi Road, Malkapur, Karad, Pin code- 415110, Maharashtra, India	India	India

Abstract:

Disclosed is a packaging composite comprises of a first layer, a second layer and a third layer, the second layer being laminated by the third layer; wherein, the first layer is up of ethylene-vinyl acetate; the second layer is made up of polyethylene terephthalate; the third layer is made up of metal-oxide particles; wherein amount of the ethylen acetate is 34% by weight; amount of the polyethylene terephthalate is 44% by weight; and amount of the metal-oxide particles is 22% by weight. Also provided is a methoc manufacturing the composite. Figure 1

Complete Specification

Claims:

1. A packaging composite comprises of
a first layer, a second layer and a third layer, the second layer being laminated by the third layer and the said laminated layer being positioned towards a substance pla inside the said composite;
wherein, the first layer is made up of polyethylene terephthalate;
the second layer is made up of ethylene-vinyl acetate;
the third layer is made up of metal-oxide nanoparticles;
wherein the amount of ethylene-vinyl acetate is 34% by weight;
the amount of polyethylene terephthalate is 44% by weight;
the amount of metal-oxide nanoparticles is 22% by weight.

2. The composite as claimed in claim 1, wherein the metal-oxide particles is carbon-free.

3. The composite as claimed in claim 1, wherein the metal oxide is selected from a group consisting of copper oxide (Cu2O), zinc oxide (ZnO) and magnesium peroxide (MgO2)

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