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100 YEARS 1921 - 2021

Thirty two (32) patents awarded/published in last five years. The sample proofs are given below:

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2022

(21) Application No.202211020382 A
(43) Publication Date : 15/04/2022

(54) Title of the invention : METHOD FOR EFFICIENT SEPARATION/DETACHMENT OF FLAKES FROM THE AMLA SEED

(51) International classification	:C11B0001040000, A61K0036470000, B29B0017020000, C22B0007000000, A23L0002020000
(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

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2)Dr. Vivek Kumar
3)Dr. H.K Sharma
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3)Dr. H.K Sharma

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2021

(21) Application No.202111029989 A
(43) Publication Date : 30/07/2021

(54) Title of the invention : EXTRUDED FRIED SNACK FROM TARO

(51) International classification	:A23J0003260000, A23L0007130000, A21D0013420000, A23L0019180000, A23L0029244000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(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

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3)ANJALI SRIVASTAVA
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2)H. K. SHARMA
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4)MANISHA PARASHAR
5)ALAK KUMAR SINGH
6)AKSHAY KUMAR SINGH

(57) Abstract :
A taro bhujia (112), the taro bhujia (112) comprising: flour mixture (110) consisting essentially of mashed taro corms (102), gram flour (104), corn flour (106), moth flour (108), salt and oil, wherein the flour mixture (110) comprises about 62 to 78 grams of

202111006012 Published

An Improved Single Sloped Solar Still For Desalination & Defluoridation

DOCUMENTS

Updated **6 months ago**

INFORMATION DOCUMENTS

The present invention relates to a improved single slope solar still for desalination & defluoridation used with phase changing material· (PCM) has l 0.42% to 14% higher yield efficiency. The present invention is provided with a layer of Phase Changing Material below the basin to store the thermal energy during the day time and use it after sunset period to enhance the yield efficiency and has fluoride removal efficiency between 90%- 100%.

Application ID	**202111006012**
Invention Field	MECHANICAL ENGINEERING
Date of Application	2021-02-12
Publication Number	08/2021
Type	Published

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DR. DEEPESH SINGH	Department of Civil Engineering, Harcourt Butler Technical University (HBTU). Kanpur, Uttar Pradesh, India-208002	India	India

DOCUMENTS

Name	Date
202111006012-Form 9-120221.pdf	2021-10-19
202111006012-Form 5-120221.pdf	2021-10-19
202111006012-Form 3-120221.pdf	2021-10-19
202111006012-Form 1-120221.pdf	2021-10-19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2021

(21) Application No.202111011903 A
(43) Publication Date : 26/03/2021

(54) Title of the invention : HIGH TOUGHNESS EPOXY/BAMBOO CHAR COMPOSITE REINFORCED WITH SILANIZED TIO2 NANOPARTICLES

(51) International classification	:B82Y0030000000, C08K0009060000, B82Y0040000000, C08L0063000000, C08G0059500000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(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

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3)Dr KAVITA SRIVASTAVA
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2)Dr. ASHWANI KUMAR RATHORE
3)Dr KAVITA SRIVASTAVA
4)SHILPI TIWARI
5)Dr S K SHARMA
6)Dr MANOJ KUMAR SHUKLA
7)Dr N B SINGH

(57) Abstract :
A method for the formation of a toughened nanocomposite of epoxy resin and bamboo charcoal reinforced with silanized TiO2 nanoparticles, the method comprising steps of: mixing epoxy resin with bamboo charcoal to create a solution in a container; applying a process of sonicating upon the prepared solution for 30 minutes; adding silanized TiO2 nanoparticles into the solution to create a mixture; applying a process of ultrasonication upon the mixture for 40 minutes; performing a process of degassing using a vacuum oven for 40 minutes; adding a curing agent into the degassed mixture in a fixed ratio of 4:1; pouring the mixture into a predefined mold; and curing the molded samples for 24 hours at room temperature.

No. of Pages : 18 No. of Claims : 10

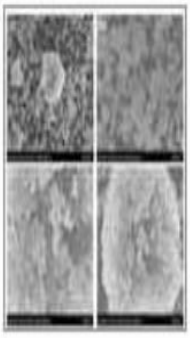
Office of the Controller General of Patents, Designs & Trade Marks
Department of Industrial Policy & Promotion,
Ministry of Commerce & Industry,
Government of India

INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

Application Details	
APPLICATION NUMBER	202111027214
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/06/2021
APPLICANT NAME	**1 . ESHA DWIVEDI** **2 . DR. LALIT KUMAR SINGH**
TITLE OF INVENTION	SYSTEM AND METHOD FOR MICROBIAL TRANSFORMATION OF LIGNIN DERIVED PHENOLIC COMPOUNDS INTO CIS, CIS-MUCONIC ACID
FIELD OF INVENTION	BIO-CHEMISTRY
E-MAIL (As Per Record)	smartpatenting@gmail.com
ADDITIONAL-EMAIL (As Per Record)	smartpatenting@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	16/07/2021

Registered **Process for preparing Chitosan-Zeolite biocomposite, biocomposite prepared thereby and adsorbent comprising the same(키토산-제올라이트 복합체의 제조방법, 이에 의해 제조된 복합체, 및 이를 포함하는 흡착제)**

PUB



IPC : B01J 20/30 B01J 20/22 ....
Application No. : 1020190160851
Registration No. : 1023026940000
Unex. Pub. No. : 1020210070749
Agent : Kim Jung Su

Applicant : Konkuk University Industrial Cooperation Corp
Application Date : 2019.12.05
Registration Date : 2021.09.09
Unex. Pub. Date : 2021.06.15
Inventor : KOH, Joon Seok | KUMAR, Santosh

Abstract 본 발명은 용매치환 및 하소 과정을 이용한 키토산-제올라이트 복합체의 제조방법, 이에 의해 제조된 복합체, 및 이를 포함하는 흡착제를 제공한다. 본 발명의 키토산-제올라이트 복합체의 제조방법, 이에 의해 제조된 복합체, 및 이를 포함하는 흡착제는 기체 흡착 분야에서 이산화탄소의 포집 및 저장 성능이 우수하고 재현성이 우수한 친환경적 흡착제 기술로서 유용하게 사용될 수 있다.

▲Close

Australian Government
IP Australia

CERTIFICATE OF GRANT
INNOVATION PATENT

Patent number: 2020103214

The Commissioner of Patents has granted the above patent on 23 December 2020, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

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Title of invention:

INHA- Combined Health Monitoring: Intelligent IoT- Based Combined Health Monitoring, Notification, Alert, Home Automation System

Name of inventor(s):

Singh, Raghuraj; Nand, Parma; Mishra, Prashant Kumar; Yadav, Vibhash; Kumar Pal, Pawan; Awasthi, Charu; Saxena, Ashendra Kumar; Ather, Danish; Rastogi, Ajay and Agarwal, Ambuj Kumar

Term of Patent:

Eight years from 4 November 2020

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.

COMMONWEALTH OF AUSTRALIA
AUSTRALIA
PATENT OFFICE

Dated this 23rd day of December 2020

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

Published

Multiplicative Interleaving With Tree Algorithm (Mita) Interleaver For Ofdm Idma

DOCUMENTS

Updated **5 months ago**

INFORMATION DOCUMENTS

A communication system (10) comprising: a data generator (12) which produces data for N users; a plurality of spreader (14) which spread data by multiplying it with spreading sequence {+1, -1, +1, -1, ..., +1, -1} which can have a length of 16; an interleaver (16) which interleave data of each user with different interleaving sequence ?N; bits are combined and sent across a multiple access channel (22); Additive White Gaussian Noise (22) is added to signals which travel through it; a Fast Fourier Transform (24) which convert back signals to frequency domain; an inverse BPSK for symbol de-mapping (26) which convert back symbols in signal to bits; and a turbo processor (30) where data bits are pass through Elementary Signal Estimator (28) and final data bits UN' is received at posteriori probability block (34) with least possible error.

Application ID	**202011052331**
Invention Field	COMMUNICATION
Date of Application	2020-12-01

Publication Number	50/2020
Type	Published

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Dr.Rohit Tripathi	Associate Professor, Electronics and Communication Engineering, 21/4 Vishnupuri Colony, Nawabganj, Kanpur-208002, UP, India	India	India

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GEOGRAPHICAL INDICATIONS

सत्यमेव जयते

क्रमांक : 011124995
SL No :

भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

पेटेंट प्रमाणपत्र
PATENT CERTIFICATE
(Rule 74 Of The Patents Rules)

पेटेंट सं. / Patent No.	:	342731
आवेदन सं. / Application No.	:	2412/DEL/2010
फाइल करने की तारीख / Date of Filing	:	08/10/2010
पेटेंटी / Patentee	:	1.BHARAT RAJ SINGH 2.ONKAR SINGH

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित "ROTARY & VANE TYPE AIR ENGINE" नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 8th day of October 2010 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 "ROTARY & VANE TYPE AIR ENGINE" as disclosed in the above mentioned application for the term of 20 years from the 8th day of October 2010 in accordance with the provisions of the Patents Act,1970.

पेटेंट कार्यालय THE PATENT OFFICE GOVT.OF INDIA भारत सरकार

अनुदान की तारीख :
Date of Grant : 28/07/2020

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, **8th day of October 2012**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 **8th day of October 2012** and on the same day in every year thereafter.